



**SRI SIVASUBRAMANIYA NADAR COLLEGE OF
ENGINEERING**

(An Autonomous Institution)
Kalavakkam – 603 110

SELF STUDY REPORT

3.4.3 Number of research papers published per
teacher in the Journals as notified on UGC CARE
list during the last five years

Submitted to

The National Assessment and Accreditation Council

February 2024

3.4.3 Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
1	A Study and Review of Classical, Machine Learning and Deep Learning Methods of Software Reliability Estimation for Safety-Critical Systems	R.Seyezhai N.B.Muthuselman	Electrical and Electronics Engineering	Indian Journal of Natural Sciences	2023	0976 – 0997	https://tnsroindia.org.in/journals.html	https://www.researchgate.net/publication/368305461_A_Study_and_Review_of_Classical_Machine_Learning_and_Deep_Learning_Methods_of_Software_Reliability_Estimation_for_Safety-Critical_Systems	No
2	Investigation of Single Event Transients on RingFET using 3D TCAD Simulations	M.Ramya K K Nagarajan	Electrical and Electronics Engineering	International Journal Silicon	2023	18769918	https://link.springer.com/journal/12633	DOI https://doi.org/10.1007/s12633-022-02055-1	Yes
3	A Supervised Model of Multivariable Control in Quadruple Tank System	Aravindan M, Chilambuchelvan A & Tamilselvi S	Electrical and Electronics Engineering	International Journal Applied Artificial Intelligence	2023	0883-9514	https://www.tandfonline.com/toc/uaai20/current	https://doi.org/10.1080/08839514.2023.2175107	Yes
4	Single event performance of FED based SRAMs using numerical simulation	Sasikala PanneerSelvam, Susanta Kumar Pal, Premanand Venkatesh Chandramani, Srinivasan Raj	Electrical and Electronics Engineering	International Journal Microelectronics Reliability	2023	0026-2714	https://www.sciencedirect.com/journal/microelectronics-reliability	https://doi.org/10.1016/j.microrel.2023.114930	No
5	Application of Quasi Z-source Multilevel Inverter for Stand-alone PV system	R.Seyezhai D.Umarani	Electrical and Electronics Engineering	International Journal AMA Agricultural Mechanization in Asia, Africa and Latin America	2023	0084-5841	https://www.shin-norinco.com/	doi: 10.1016/j.egypro.2016.11.192	Yes

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6	Differential evolution algorithm supported random forest classifier for effective feature selection and classification of power quality disturbances	S. Vidhya, M. Balaji, E. Fantin Irudaya Raj, V. Kamaraj	Electrical and Electronics Engineering	International Journal U.P.B. Scientific Bulletin, Series C- Electrical Engineering and Computer Science	2023	2286-3540	https://www.scimagojr.com/journalsearch.php?q=11700154609&tip=sid&clean=0	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full9df_274019.pdf	No
7	Design and Implementation of Embedded Controller-Based Energy Storage and Management System for Remote Telecom	Nalina, B.S., Chilambarasan, M., Tamilselvi, S., Al Alahmadi, A.A., Alwetaishi, M., Mujtaba, M.A. and Kalam, M.A	Electrical and Electronics Engineering	International Journal Electronics MDPI	2023	2079-9292	https://www.mdpi.com/journal/electronics	https://doi.org/10.3390/electronics12020341,	No
8	Design and Development of a B-Type Inverter for Harmonic Mitigation in a Grid Integrated System Using Whale Optimization Algorithm	Devesh Raj, Thiyagarajan Venkatraman, Muthuselvan Balasubramanian & Dishore Shunmugham Vanaja	Electrical and Electronics Engineering	International Journal Electric Power Components and Systems	2023	1532-5008	https://www.tandfonline.com/toc/uemp20/current	https://doi.org/10.1080/15325008.2022.2158500	Yes
9	Optical Characteristics of Liquid-Infiltrated Elliptical Core Photonic Crystal Fiber	M. Shanthi, R. Seyezhai, N. Ayyanar, M. S. Mani Rajan	Electrical and Electronics Engineering	International Journal Plasmonics (Springer Publications)	2023	1557-1955	https://link.springer.com/journal/11468	10.1007/s11468-023-01833-w	Yes
10	Fire accident risk assessment of high rise building based on fuzzy bow tie approach	Sheeba Angel A and Jayaparvathy R	Electrical and Electronics Engineering	Journal of Intelligent and Fuzzy Systems	2023	1064-1246	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	DOI:10.3233/JIFS-223307	Yes
11	Design, Development and Real-Time Demonstration of Supercapacitor Powered Electric Bicycle	A. Bharathi Sankar Ammaiyappan, Seyezhai Ramalingam	Electrical and Electronics Engineering	International Journal Springer Nature	2023	2523 3440	https://www.springernature.com/gp	10.1007/978-3-031-23721-8_10	No

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12	Efficient performance testing for PV array sets using capacitor charging method	Aryan, R. Ramaprabha, Rohit Tripathi and Rashmi Agarwal,	Electrical and Electronics Engineering	International Journal Materials Today: Proceedings	2023	23218169	https://www.sciencedirect.com/journal/materials-today-proceedings#:~:text=materialstoday.com%2Fproceedings-,Materials%20Today%3A%20Proceedings%20provides%20the%20materials%20science%20community%20with%20a,quality%20control%2C%20the%20peer%20review%20%E2%80%AC	https://doi.org/10.17762/ijritcc.v11i2s.6028	Yes
13	A Detailed Analysis of Air Pollution Monitoring System and Prediction Using Machine Learning Methods	T.Vinoth, K.K. Nagarajan	Electrical and Electronics Engineering	International Journal on Recent and Innovation Trends in Computing and Communication	2023	3056120	https://ijritcc.org/index.php/ijritcc	10.1108/CW-05-2022-0138	No
14	Neutral-point-clamped inverter based synchronous reluctance motor drive for solar pump application	Rajini V., Jassem. M, Nagarajan V.S., Sreeya Galla N.V. Sai and Jeyapradha R	Electrical and Electronics Engineering	International journal of circuit world	2023	2214-7853	https://www.emeraldgroupublishing.com/journal/cw	https://doi.org/10.1016/j.matpr.2023.04.595	Yes
15	Solar powered DC arc welding machine – an initiative towards efficient and sustainable energy	S. Vinod, M. Balaji, S. Rudhra, S. Prabhu	Electrical and Electronics Engineering	Journal of Environmental Protection and Ecology	2023	1311-5065	https://scibulcom.net/en/journal/1311-5065		Yes

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16	Design and Implementation of Remodeled Active PFC rectifier topology for Avionic and Fleet Electrification	V.Rajini	Electrical and Electronics Engineering	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	2023	22286179	https://link.springer.com/journal/40998	https://doi.org/10.1007/s40998-023-00636-3	No
17	A Game Theory based Approach for study of Inter-interference in Wireless Body Area Networks	Priyanka B. N Jayaparvathy R	Electrical and Electronics Engineering	International Journal of Communication Systems	2023	10991131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5561	Yes
18	Energy harvesting for self-powered wearable device applications	A. Bharathi Sankar Ammayappan R. Seyezhai	Electrical and Electronics Engineering	International Journal Materials Today Proceedings	2023	2214-7853	https://www.materialstoday.com/proceedings/	https://doi.org/10.1016/j.matpr.2023.06.342	Yes
19	Analysis of Modulation Strategies for Switched Boost Multilevel Inverter with Embedded Source	T. Divya, FT-RS, R. Ramaprabha	Electrical and Electronics Engineering	International Journal U.P.B. Scientific Bulletin, Series C- Electrical Engineering and Computer Science	2023	2286-3540	https://www.scientificbulletin.upb.ro/SeriaC_-_Inginerie_Electrica_si_Stiinta_Calculatoarelor.php?lang=english&page=main2	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fulla6d_273572.pdf	No
20	Mathematical Modeling of PV and Wind for 2.4 kW Connected to a Common DC Bus	Anjana Ethirajan, FT-RS, R. Ramaprabha	Electrical and Electronics Engineering	International Journal AIP Conference Proceedings	2023	0094243X	https://pubs.aip.org/aip/acp/issue	https://doi.org/10.1063/5.0156765	Yes
21	Design and implementation of Arduino based autonomous school van with student monitoring system	R. Deepalaxmi R. Arthi, M. Logesh, E. Malini and M. Raghul	Electrical and Electronics Engineering	International Journal AIP Conference Proceedings	2023	0094243X	https://pubs.aip.org/aip/acp/issue		Yes
22	A New Inverter Module with Minimum Circuit Components Suitable for Renewable Energy Applications	V. Thiagarajan	Electrical and Electronics Engineering	International Journal AIP Conference Proceedings	2023	1551-7616	https://pubs.aip.org/aip/acp/issue	https://doi.org/10.1063/5.0145412	Yes

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23	Electric Vehicle Onboard Charging via Harris Hawks Optimization-Based Fractional-Order Sliding Mode Controller	A.Inba Remy R.Seyezhai	Electrical and Electronics Engineering	International Journal Rev. Roum. Sci. Techn.– Électrotechn. et Énergie	2023	0035-4066	https://journal.iem.pub.ro/rrst-ee	https://doi.org/10.59277/RRST-EE.2023.68.1 ,	Yes
24	Ripple steering Interleaved Boost PFC Converter Analysis, Simulation and Experimentation	Jasmine Gnana Malar, V. Thiyagarajan, N. B. Muthu Selvan, M. Devesh Raj	Electrical and Electronics Engineering	International Journal Electric Power Components and Systems	2023	1937-8718	https://www.tandfonline.com/journals/uemp20	DOI doi:10.2528/PIERC23050102	Yes
25	Finite Element Analysis on Doubly Salient Singly Excited Machine for Electrified Transportation Systems	Prabhu Sundaramoorthy , Balaji Mahadevan,Vijayakumar Arun,Peruthambi Venkatesh, Puluru Venkata Aravindha Reddy, Sane Siva Mohan, Sareddy Raju Kumar Reddy, and Somu Santhosh Kumar Reddy	Electrical and Electronics Engineering	International Journal Progress in Electromagnetics Research	2023	1532-5008	https://www.jpier.org/	https://doi.org/10.1080/15325008.2023.228786	Yes
26	Adaptive Controller for Bridgeless New SEPIC Integrated Landsman Converter for PFC in Induction Motor	Suguna, R S.Tamilselvi Sundaram, K.M	Electrical and Electronics Engineering	International Journal Electric Power Components and Systems	2023	2050-7038	https://www.tandfonline.com/journals/uemp20	https://doi.org/10.1155/2023/1572996	Yes
27	Finite Impulse Response Filter Design Using Fuzzy Logic-Based Diversity-Controlled Self-Adaptive Differential Evolution	K. Mohaideen Abdul Kadhar, S. Rengarajan S Tamilselvi, N. Karuppiyah, Praveen Kumar Balachandran, A. Thamilmaran, C. Dhanamjayulu, Baseem Khan	Electrical and Electronics Engineering	International Journal International Transactions on Electrical Energy Systems - Hindawi	2023	1532-5008	https://www.hindawi.com/journals/itees/	https://doi.org/10.1080/15325008.2023.2201258	Yes

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28	Investigation of transient response on reconfigurable ringFET exposed to heavy-ion radiation strikes using 3D numerical device simulations	M.Ramya K K Nagarajan	Electrical and Electronics Engineering	International Journal Electrical Engineering	2023	9487921	https://www.ripublication.com/irph/ijee.htm	https://doi.org/10.1007/s00202-023-01833-3	Yes
29	An Enhanced Energy Optimization Model for Industrial Wireless Sensor Networks Using Machine Learning	ASHISH BAGWARI K. USHA J. LOGESHWARAN, KANNADASAN RAJU	Electrical and Electronics Engineering	International Journal IEEE Access	2023	2169-3536	https://ieeaccess.ieee.org/	10.1109/ACCESS.2023.3311854	Yes
30	A NOVEL FAULT-TOLERANT ASYMMETRICAL 21-LEVEL INVERTER TOPOLOGY WITH REDUCED COMPONENTS	D. Ragul Dr. V. Thiyagarajan	Electrical and Electronics Engineering	International Journal Rev. Roum. Sci. Techn. – Électrotechn. et Énerg	2023	0035-4066	https://journal.iem.pub.ro/rrst-ee	https://doi.org/10.59277/RRST-EE.2023.68.2.14	Yes
31	Optimization of Switching Control and Microgrid Energy Management System with Alternate Arm Converter Based on Bacterial Foraging Algorithm	V. Rajini	Electrical and Electronics Engineering	International Journal published by Hindawi	2023	5585420	https://www.hindawi.com/journals/ijanal/	https://doi.org/10.1155/2023/5585420	Yes
32	WIDE BOOST RATIO IN QUASI-IMPEDANCE NETWORK CONVERTER USING SWITCH VOLTAGE SPIKE REDUCTION TECHNIQUE	Dr. R. Seyezhai Dr. A. Jawahar S. Harika	Electrical and Electronics Engineering	Rev. Roum. Sci. Techn. – Électrotechn. et Énerg	2023		https://journal.iem.pub.ro/rrst-ee	https://www.sciencedirect.com/science/article/abs/pii/S037843712300907X	No
33	Assessment of photovoltaic powered flywheel energy storage system for power generation and conditioning	Vijayalakshmi Mathivanan (Scholar), Ramaprabha R Beemkumar Nagappan and Yuvarajan Devarajan	Electrical and Electronics Engineering	International Journal Solar Energy	2023	0038-092X	https://www.tandfonline.com/journals/gsol19	https://doi.org/10.1016/j.solener.2023.112045	Yes

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34	Modelling of emergency evacuation in high rise buildings considering congestion at stairs based on Markov chains	Sheeba Angel A & Jayaparvathy R	Electrical and Electronics Engineering	Physica A: Statistical Mechanics and its Applications	2023		https://www.sciencedirect.com/journal/physica-a-statistical-mechanics-and-its-applications	https://doi.org/10.1016/j.physa.2023.129352	Yes
35	Impact of Process Variation on Leakage and Drive Currents of FED Structures Using Linear Regression and Random Forest Algorithms	Sasikala Panneerselvam Premanand Venkatesh Chandramani Srinivasan Raj Sirish S, Tanushyam Bhattacharjee	Electrical and Electronics Engineering	International Journal Silicon	2023	18769918	https://link.springer.com/journal/12633	https://doi.org/10.1007/s12633-023-02703-0	Yes
36	Technological advancements toward smart energy management in smart cities	Pandian P K.Usha Subramanian S R Kannadasan	Electrical and Electronics Engineering	International Journal Energy Reports	2023	2352-4847	https://www.sciencedirect.com/journal/energy-reports	https://doi.org/10.1016/j.egy.2023.07.021	Yes
37	Extended Analysis of Non-Isolated Bidirectional High Gain Converter	Anjana Ethirajan R. Ramaprabha	Electrical and Electronics Engineering	International Journal Advances in Electrical and Computer Engineering	2023	1844-7600	https://aece.ro/	10.4316/AECE.2023.04010	Yes
38	Evaluation and classification of stator turn-to-turn faults using electrical equivalent circuits for surface permanent magnet brushless direct current motors	A. Infantraj M.Senthil Kumaran	Electrical and Electronics Engineering	International Journal of Power Electronics	2023	1598 - 2092	https://www.inderscience.com/jhome.php?jcode=ijpolec	https://doi.org/10.1007/s43236-023-00663-7	Yes

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39	A Comparative Study of Multi Stage Step up Interleaved DC-DC Converter for Electric Mobility	R.Seyezhai V.Vidhupriya	Electrical and Electronics Engineering	International Journal Indian Journal of Natural Sciences	2023	0976 – 0997	pindexing.com/journal-details/INDIAN-JOURNAL-OF-NATURAL-SCIENCES/1132#:~:text=The%20Journal%20is%20peer%20reviewed,to%20science%20in%20all%20branches	http://tnsroindia.org.in/journals.html	Yes
40	Design and Development of Modified Hybrid Resonant Converter with Valley fill for LED Lighting	R.Seyezhai B.Lakshmi Prabha	Electrical and Electronics Engineering	International Journal Advances in Electrical and Computer Engineering	2023	1582-7445	https://aece.ro/	10.4316/AECE.2023.04002	Yes
41	Piezoelectric driven self-powered super capacitor for wearable device applications	R.Seyezhai A.BharathiSankar, M.Someswaran, M.Abhinandan Ram	Electrical and Electronics Engineering	Materials Today Proceedings	2023	2214-7853	https://www.materialstoday.com/proceedings/	https://doi.org/10.1016/j.matpr.2023.09.102	Yes
42	Lifetime Prediction Of Single-Stage LED Driver Circuit Using Bayesian Belief Network	R.Seyezhai M.Sridhar	Electrical and Electronics Engineering	International Journal Rev. Roum. Sci. Techn.–Électrotechn. et Énerg	2023	0035-4066	https://journal.iem.pub.ro/rrst-ee	https://doi.org/10.59277/RRST-EE.2023.4.5	Yes
43	Real Time Dynamic Home Surveillance using Raspberry Node	Venkatakrishnan, G.R., Rengaraj, R., Jeya, R., Rajalakshmi, Viswanath, K.S	Electrical and Electronics Engineering	ICIoT 2022, Communications in Computer and Information Science, Springer,	2023	1865-0937	https://www.springer.com/series/7899		Yes

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44	Energy bill minimization of dynamic tariff bound residential consumers by intentional load shifting	Hithu Anand, Rajalakshmi , G.R.Venkatakrishnan. R. Rengaraj, R. Jeya	Electrical and Electronics Engineering	ICIoT 2022, Communications in Computer and Information Science, Springer	2023	1865-0937	https://www.springer.com/series/7899		Yes
45	Detection, location, and diagnosis of different faults in large solar PV system—a review	G.R.Venkatakrishnan, R. Rengaraj, S. Tamilselvi	Electrical and Electronics Engineering	International Journal of Low-Carbon Technologies	2023		https://academic.oup.com/ijlct		Yes
46	High Linear Voltage Gain in QZNC Through Synchronizing Switching Circuits	R.Seyezhai, S.Harika and A.Jawahar	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing	2023	1079-8587	https://www.techscience.com/journal/iasc		Yes
47	IIoT Framework Based ML Model to Improve Automobile Industry Product	S. Gopalakrishnan, M. Senthil Kumaran	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing	2022	1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/iasc/v31n3/44854	Yes
48	Effect of gamma irradiation on titanium dioxide-filled polymer composites in cable insulation applications	Dr.R.DeepalaxmiMs.S.Vijayalakshmi (full time research scholar)	Electrical and Electronics Engineering	Iranian Polymer Journal	2022	1735-5265	https://link.springer.com/journal/13726	https://link.springer.com/article/10.1007/s13726-022-01030-2#:~:text=The%205%25%20by%20weight%20of,enhanced%20their%20electro%2Dmechanical%20property.	Yes
49	Implementation of Modified Boost Converter for Audio Amplifiers in Automotives	R.Seyezhai , D.UmaraniK.Thendral	Electrical and Electronics Engineering	AMA Agricultural Mechanization in Asia, Africa and Latin America	2022	0084-5841	https://www.shin-norinco.com/	https://www.shin-norinco.com/article/implementation-of-modified-boost-converter-for-audio-amplifiers-in-automotives	Yes

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50	Flexible Dispatch Strategy Adopted by Optimizing DG Parameters in a Real Time Power System Distributed Network	P. Shanmugapriya , M. Senthil Kumaran J. Baskaran, C. Nayanatara,P. Sharmila and Ali M. Eltamaly	Electrical and Electronics Engineering	Journal of Electrical Engineering & Technology	2021	2093-7423	https://link.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-021-00938-8	Yes
51	Utopia constrained multi objective optimization evolutionary algorithm	Varshini P R ,S. Tamil SelviS. Baskar	Electrical and Electronics Engineering	Journal of Experimental & Theoretical Artificial Intelligence, Taylor and Francis	2022	0952-813X	https://www.tandfonline.com/journals/teta20	https://www.tandfonline.com/doi/full/10.1080/0952813X.2022.2035826	Yes
52	Design of a High-Frequency Transformer Using Genetic Algorithm	Tamil Selvi, .K Nandh Kishore Karuppiyah,S,V., Akshaya, P.T., Ajith	Electrical and Electronics Engineering	Springer LNEE Lecture Notes in Electrical Engineering	2022	1876-1100	https://www.springer.com/series/7818	https://link.springer.com/chapter/10.1007/978-981-16-8484-5_51	Yes
53	Interleaved Boost Integrated Flyback Converter for Power Factor Correction in Brushless DC Motor Drive	S. Benisha , J. Anitha Roseline	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing	2022	1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/iasc/v33n3/47090/pdf	Yes
54	Comparative analysis of Synchronous Reluctance Motor with different Permanent Magnet materials	V. Rajini ,V.S. Nagarajan	Electrical and Electronics Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings/about/insights	https://www.sciencedirect.com/science/article/abs/pii/S2214785322020193	Yes
55	Implementation of fuzzy MPPT controller for PV based three phase modified capacitor assisted extended boost q ZSI	R.SeyezhaiN.Hemalatha	Electrical and Electronics Engineering	Applied Nanoscience, Springer,	2022	2190-5517	https://link.springer.com/journal/13204	https://link.springer.com/article/10.1007/s13204-021-02025-w	Yes

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56	Cascaded Multi-level Embedded type Switched Boost Inverter	T. Divya R. Ramaprabha	Electrical and Electronics Engineering	International Journal IEEJ Transactions on Electrical and Electronic Engineering	2022	1931-4981	https://onlinelibrary.wiley.com/journal/19314981	https://onlinelibrary.wiley.com/doi/abs/10.1002/tee.23540	Yes
57	A Novel Optimization Algorithm for Modifying the Parameter Unit of Solar PV Cell	V. Thiyagarajan	Electrical and Electronics Engineering	International Journal of Photoenergy	2022	1110-662X	https://www.hindawi.com/journals/ijp/	https://www.hindawi.com/journals/ijp/2022/5240115/	Yes
58	Efficient Supply Current Control Strategies for Bridgeless Interleaved AC-DC Converter	R.SeyezhaiR.Sasikala	Electrical and Electronics Engineering	International Journal of Computer Systems Science and Engineering	2022	0267-6192	https://www.techscience.com/journal/csse	https://www.techscience.com/csse/v43n1/47070	Yes
59	Comparative analysis of Si, SiC and GaN based quasi impedance source inverter	R.SeyezhaiS.Devi	Electrical and Electronics Engineering	International Journal Materials Today Proceedings, Elsevier	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322020648#:~:text=SiC%20and%20GaN%20has%20higher,available%20for%20higher%20voltage%20ranges.	Yes
60	Optimized Power Factor Correction for High Speed Switched Reluctance Motor	R. S. Preethishri J. Anitha Roseline, K. Murugesan and M. Senthil Kumaran	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing	2022	1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/iasc/v35n1/48118/pdf	Yes
61	Stability analysis of two port renewable energy interface for telecom applications	V., Rajini. Amutha W	Electrical and Electronics Engineering	Circuit World	2022	0305-6120	https://www.emerald.com/insight/publication/issn/0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-12-2021-0303/full/html	Yes

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62	Simulation and hardware development of AC-DC power converter for Off- board charger of EV	R.Seyezhai, N.Heera, P.Keerthana, MathangiSrinivasan, A.Bharathi Sankar Ammaiyappan	Electrical and Electronics Engineering	International Journal Materials Today Proceedings, Elsevier	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322025317	Yes
63	An efficient energy management in smart grid based on IOT using ROAWFSA technique	Venkatakrishnan GR Rengaraj R Rajalakshmi M	Electrical and Electronics Engineering	International Journal Soft Computing	2022	1432-7643	https://airccse.org/journal/ijsc/ijsc.html	https://doi.org/10.1007/s00500-022-07266-7	Yes
64	Traffic Sign Classification and Recognition using LE-NET Technique	Dr. R Jeya, G.R.Venkata Krishnan, C. Rajesh Babu	Electrical and Electronics Engineering	INTERNATIONAL JOURNAL OF EARLY CHILDHOOD SPECIAL EDUCATION	2022	1308-5581	https://www.int-jecse.net/		Yes
65	Mathematical Modeling of Buck Converter with Relay Feedback	Anjana Ethirajan R. Ramaprabha	Electrical and Electronics Engineering	International Journal of Circuits, Systems and Computers	2022	0218-1266	https://www.worldscientific.com/worldscinet/jcsc	https://doi.org/10.1142/S0218126622501912	Yes
66	Embedded Switched Z-Source Multilevel Inverter for Grid Interfaced Photovoltaic Systems	T. Divya, R. Ramaprabha	Electrical and Electronics Engineering	Advances in Electrical and Computer Engineering	2022	1582-7445	https://aece.ro/	10.4316/AECE.2022.03005	Yes
67	Comparative analysis of Phasor estimation techniques for PMU applications	V.Rajini , Lavanya (scientist NIWE)	Electrical and Electronics Engineering	Journal of Physics: Conference Series	2022	2325012010	https://www.scipub.com/journal/IJP	https://iopscience.iop.org/article/10.1088/1742-6596/2325/1/012010	Yes
68	Applications of continuous ant colony optimization and multi-objective hybridized differential evolution for the best location of microcontroller-built FACTS techniques	Mahadevan J , Rengaraj R Bhuvanesh A	Electrical and Electronics Engineering	International Journal NeuroQuantology	2022	1303-5150	https://www.neuroquantology.com/	doi:10.14704/nq.2022.20.8.NQ44666	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
69	Environmental Fault Diagnosis of Solar Panels Using Solar Thermal Images in Multiple Convolutional Neural Networks	Tamilselvi Selvaraj R Rengaraj, GiriRajanbabu Venkatakrishnan Soundhariya Ganesan Soundararajan	Electrical and Electronics Engineering	International Transactions on Electrical Energy Systems	2022	2050-7038	https://www.hindawi.com/journals/itees/about/	https://doi.org/10.1155/2022/2872925	Yes
70	Binary Decision Diagram Model Based Reliability Prediction of PV Powered Quasi Z-Source Inverter	Madhumitha, S., Seyezhai, R., Umarani, D., Sujatha, R Sudiksha, R.,	Electrical and Electronics Engineering	International Journal Lecture Notes in Mechanical Engineering, Springer	2022	978- 981-19-3466-7	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-19-3467-4_9	No
71	Design and Simulation of Boost Integrated Half-Bridge LLC Resonant Converter for LED Applications	Makkapati, S., Seyezhai, R. Sridhar, S. Srikirthi, S., Sriram, B., Vikram, V	Electrical and Electronics Engineering	International Journal Lecture Notes in Mechanical Engineering, Springer	2022	978-981-19-3466-8	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-19-3467-4_41	No
72	Simulation and Prototype Development of Solar Assisted Electric Trolley	Seyezhai R, Harika, S. Sowmya, A., Ramakrishnan, N., Purushothaman, S	Electrical and Electronics Engineering	International Journal Lecture Notes in Mechanical Engineering, Springer	2022	978- 981-19-3466-9	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-19-3467-4_24	No
73	Design and Development of Power Electronic Booster to Extend the Range of Supercapacitor-Powered Electric Bicycle	Bharathi Sankar Ammayappan, A., Seyezhai, R.	Electrical and Electronics Engineering	International Journal Lecture Notes in Mechanical Engineering, Springer	2022	978- 981-19-3466-10	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-19-3467-4_25	No
74	Modeling Methodology of Flywheel Energy Storage System for Microgrid Applications	Dr. R. Ramaprabha, Karthik Rajan, C., Niranjana, R., Kalpesh, J.	Electrical and Electronics Engineering	International Journal Recent Advances in Energy Technologies	2022	2195-4356	https://www.sciencedirect.com/book/9780128235324/recent-advances-in-renewable-energy-technologies	https://doi.org/10.1007/978-981-19-3467-4_12	No

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75	31-Level RCC Multilevel Inverter for Photovoltaic System Interfacing	Dr. R. Ramaprabha N. Ramya Krishnan, PG student	Electrical and Electronics Engineering	International Journal Recent Advances in Energy Technologies	2022	2195-4364	https://www.sciencedirect.com/book/9780128235324/recent-advances-in-renewable-energy-technologies	https://doi.org/10.1007/978-981-19-3467-4_7	No
76	An Extended Boost Topology of Z-Source Inverter Suitable for PV Interfacing	Dr. R. Ramaprabha, E. Oliviya Joselin Komagal, PG student	Electrical and Electronics Engineering	International Journal Recent Advances in Energy Technologies	2022	2195-4364	https://www.sciencedirect.com/book/9780128235324/recent-advances-in-renewable-energy-technologies	https://doi.org/10.1007/978-981-19-3467-4_6	No
77	Heuristic DRP-DG optimization strategy adopted for maximizing total social welfare in the real time Indian utility network	P. Sharmila M.Senthilkumaran ,J. Baskaran , C. Nayanatara	Electrical and Electronics Engineering	IETRenewable Power Generation	2022	1752-1424	https://ietresearch.onlinelibrary.wiley.com/journal/17521424	http://dx.doi.org/10.1049/rpg2.12560	Yes
78	Optimal Allocation of Distributed Generation Using Evolutionary Multi-objective Optimization	Pon Ragothama Priya, P., Baskar, S., Tamil Selvi, S. Babulal, C.K	Electrical and Electronics Engineering	International Journal of Electrical Engineering and Technology, Springer	2022	1975-0102	https://link.springer.com/journal/42835	https://doi.org/10.1007/s42835-022-01269-y	Yes
79	Design and Implementation of Bridgeless AC/DC PFC SEPIC Converter with Valley fill circuit	B.Lakshmiprabha R.Seyezhai	Electrical and Electronics Engineering	International Journal IOP Conference Series ; Material Science and Engineering	2022	1757-899X	https://iopscience.iop.org/journal/1757-899X	doi:10.1088/1757-899X/1258/1/012058	No

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80	Performance Prediction of Building Integrated Photovoltaic System Using Hybrid Deep Learning Algorithm	Manivannan Ragupathi Rengaraj Ramasubbu	Electrical and Electronics Engineering	International Journal Hindawi International Journal of Photoenergy	2022	1687-529X	https://www.hindawi.com/journals/ijp/	https://doi.org/10.1155/2022/6111030	Yes
81	Modified 75-level asymmetrical inverter topology with minimal device count and THD	V. Thiyagarajan	Electrical and Electronics Engineering	International Journal AIP Conference Proceedings	2022	1551-7616	https://pubs.aip.org/aip/acp	https://doi.org/10.1063/5.0116103	Yes
82	A mini review on recent advancements in inclined solar still	V. Thiyagarajan	Electrical and Electronics Engineering	International Journal Energy Reports	2022	2352-4857	https://www.sciencedirect.com/journal/energy-reports	https://doi.org/10.1016/j.egyr.2022.09.174	Yes
83	Comparison of Isolated DC-DC Converters for Low/Medium Voltage Solid State Transformer applications"	V Rajini R B Jeyapradha	Electrical and Electronics Engineering	Journal of Electrical and Electronics Engineering	2022	1844-6035	https://www.opastpublishers.com/journal/journal-of-electrical-electronics-engineering	https://www.proquest.com/openview/0c1acf38264173a5aa28847b252f84ff/1?pq-origsite=gscholar&cbl=54417	Yes
84	Design and Implementation of Single Stage SEPIC Integrated Parallel Ripple Cancellation Method for LED Lighting	M.Sridhar ,R.Seyezhai	Electrical and Electronics Engineering	International Journal Advances in Electrical and Computer Engineering	2022	1844-7600	https://aece.ro/	10.4316/AECE.2022.04005	Yes
85	A convenient demand response layout for energy efficient residential prosumers	Hithu Anand ,R.Rengaraj and G.R.Venkatakrishnan	Electrical and Electronics Engineering	International Journal Earth and Environmental Science	2022	0004-4914	https://www.grap hyonline.com/journal/journal_home.php?journalid=IJEES	10.1088/1755-1315/1100/1/012019	No
86	Performance improvisation of 10 kW grid connected solar photovoltaic system - a case study	V. Kamaraj, R. Rengaraj, G.R. Venkatakrishnan and Mrunal Deshpande	Electrical and Electronics Engineering	International journal of Earth and Environmental Science	2022	2456-351X	https://www.grap hyonline.com/journal/journal_home.php?journalid=IJEES	10.1088/1755-1315/1100/1/012010	No

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87	Amelioration of power quality in a solar PV fed grid-connected system using optimization-based selective harmonic elimination	M. Devesh Raj, V. Thiyagarajan, N. B. Muthu Selvan & Dishore Shunmugham Vanaja	Electrical and Electronics Engineering	Electrical Engineering	2022	1432-0487	https://www.twi-global.com/technical-knowledge/faqs/what-is-electrical-engineering#:~:text=One%20of%20the%20more%20recent,use%20electricity%2C%20electronics%20and%20electromagnetism	https://doi.org/10.1007/s00202-022-01556-x	Yes
88	An efficient Machine Learning based Ventricular Late Potential detection and classification technique for cardiac healthcare	Daphin Lilda S, Jayaparvathy R and A.Balaji	Electrical and Electronics Engineering	International Journal Concurrency and Computation Practical experience	2022	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	doi: 10.1002/cpe.7279	No
89	Harmonics Minimisation in Non-Linear Grid System Using an Intelligent Hysteresis Current Controller Operated from a Solar Powered ZETA Converter	Lakshmana Perumal Pattathurani, Subhransu S. Dash, Rajat K. Dwibedi, Mani Devesh Raj	Electrical and Electronics Engineering	Sustainability	2022	2071-1050	https://www.twi-global.com/technical-knowledge/faqs/faq-what-is-sustainability#:~:text=Sustainability%20is%20the%20ability%20to,to%20meet%20their%20own%20needs	https://doi.org/10.3390/su14127028	Yes

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90	Fault Detection and Identification Strategy Based on Luenberger Observer for Bidirectional Interleaved Switched—Capacitor DC–DC Converter Interfaced Microgrids	B.S Nalina V.Kamaraj and M.Ramesh Babu	Electrical and Electronics Engineering	Journal of Electrical Engineering & Technology	2022	2093-7423	https://link.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-022-01075-6	Yes
91	High Linear Voltage Gain in QZNC Through Synchronizing Switching Circuits	R.Seyezhai, S.Harika & A.Jawahar	Electrical and Electronics Engineering	Intelligent Automation & Soft Computing	2022	10798587	https://www.techscience.com/journal/iasc	10.32604/iasc.2023.031829	Yes
92	Design and Development of PV/FC Based Integrated Multilevel Inverter for Smart Grid	P.S.Suvetha & R.Seyezhai	Electrical and Electronics Engineering	Lecture Notes In Electrical Engineering	2022		https://www.springer.com/series/7818	https://link.springer.com/chapter/10.1007/978-981-16-1299-2_17	Yes
93	Design, analysis and comparison of switched reluctance motors for electric vehicle application	L. Ananda Padmanaban & P. Saravanan	Electrical and Electronics Engineering	Automatika Journal for Control, Measurement, Electronics, Computing and Communications	2022	51144	https://www.tandfonline.com/journals/taut20	https://doi.org/10.1080/00051144.2022.2140388	No
94	Novel polarization independent multiband THz perfect metamaterial	Anbuselvi Mathivanan, Saravanan Palani	Electrical and Electronics Engineering	Microwave Optical Technology Letters	2022	1098-2760	https://onlinelibrary.wiley.com/journal/10982760	https://doi.org/10.1002/mop.33181	No
95	Miniaturized multiband frequency selective surface with wide frequency ratio	Anbuselvi Mathivanan, Saravanan Palani	Electrical and Electronics Engineering	Microwave Optical Technology Letters	2022	1098-2760	https://onlinelibrary.wiley.com/journal/10982760	10.1002/mop.33419	No
96	Switched Staircase-Type Multilevel Inverter Structure with Reduced Number of Switches”,	V. Thiyagarajan	Electrical and Electronics Engineering	Lecture Notes in Mechanical Engineering, ISSN: 2195-4356,	2021	2195-4356	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_46	https://doi.org/10.1007/978-981-15-4488-0_46	Yes

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97	A New 75-Level Inverter Topology with Reduced Number of Switch Count	Thiyagarajan V	Electrical and Electronics Engineering	Advances in Intelligent Systems and Computing (Springer)	2021	2194-5357	https://link.springer.com/chapter/10.1007/978-981-15-5029-4_28	https://doi.org/10.1007/978-981-15-5029-4_28	Yes
98	High Power Density Laboratory Prototype of Single Phase Solid State Transformer	R.B.Jeyapradha V. Rajini Vikram A S	Electrical and Electronics Engineering	Journal of Control, Automation and Electrical Systems., springer publications, Brazilian Society for Automatics	2021	2195-3880	https://link.springer.com/article/10.1007/s40313-020-00673-x	https://doi.org/10.1007/s40313-020-00673-x	Yes
99	Design and control of real-time inverted pendulum system with force-voltage parameter correlation	Sriram Shreedharan Vignesh Ravikumar Senthil Kumaran M	Electrical and Electronics Engineering	International Journal of Dynamics and Control- Springer	2021	2195268X	https://link.springer.com/article/10.1007/s40435-020-00753-5#:~:text=The%20control%20of%20an%20inverted,the%20trajectory%20of%20the%20cart	https://doi.org/10.1007/s40435-020-00753-5	Yes
100	Analysis and Classification of Faults in Switched Reluctance Motors Using Deep Learning Neural Networks	Fantin Irudaya Raj, E. Balaji, M	Electrical and Electronics Engineering	Arabian Journal of Science and Engineering	2021	21914281	https://link.springer.com/article/10.1007/s13369-020-05051-y	https://doi.org/10.1007/s13369-020-05051-y	Yes
101	Realization and Control Of Multilevel Inverter With Gsa Tuned Pi Controller	R.Seyezhai, R.Niarimathi (Part-time scholar)	Electrical and Electronics Engineering	Dynamic Systems and Applications	2021	10562176	https://dynamicpublishers.org/?page_id=2607	https://doi.org/10.46719/dsa202130411	No
102	Improved performance of grid connected converters using PCB- embedded transformer	S.Tamilselvi C. Sonia C. Visvesvaran	Electrical and Electronics Engineering	Materials Today Proceedings, Elsevier,	2021	2214-7853	https://www.sciencedirect.com/science/article/abs/pii/S2214785321014346	https://doi.org/10.1016/j.matpr.2021.02.333	Yes

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103	ANFIS modeling of biodiesels' physical and engine characteristics: A review	Janardhana, S. Sridhar, K. Dixit, M. Deivakani, S. Tamilselvi, Abdul Razak, Asif Afzal, Maughal Ahmed	Electrical and Electronics Engineering	Springer LNNS Lecture Notes in Networks and Systems	2021	23673370	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22266#:~:text=The%20ANFIS%20prediction%20related%20to,the%20ANN%20modeling%20results%20reported	https://onlinelibrary.wiley.com/doi/abs/10.1002/htj.22266	No
104	Optimal Storage Planning in Active Distribution Network Considering Uncertainty of Wind Energy System.	Pon Ragothama Priya P, Baskar S, Mala K, Tamilselvi S, Mohamed Umar Raja M.	Electrical and Electronics Engineering	Sustainability - MDPI	2021	20711050	https://www.mdpi.com/2071-1050/13/18/10042	https://link.springer.com/chapter/10.1007/978-981-16-5120-5_22	Yes
105	A Review on Battery Modelling Techniques	S.Tamilselvi, S Gunasundari, N Karuppiyah, Abdul Razak RK, S Madhusudan, Vikas, T Sathish, Mohammed Zubair C Ahmed, Asif Afzal	Electrical and Electronics Engineering	Advances in Automation, Signal Processing, Instrumentation, and Control, Lecture Notes in Electrical Engineering, 2021.	2021		DOI: https://doi.org/10.1007/978-981-16-5120-5_22 .	https://www.mdpi.com/2071-1050/13/18/10042	Yes
106	Simulation and Realization of Rectified Inverted Sine Hybrid Pulse Width Modulation Strategy for Quasi-Impedance Source Cascaded Multilevel Inverter	R.Seyezhai, D.Umarani,	Electrical and Electronics Engineering	Distributed Generation & Alternative Energy Journal.	2021	978-981-15-8220-2	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_231	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_231	Yes
107	An Experimental Setup for Monitoring Distribution Transformer Health	G. R. Venkatakrishnan R. Rengaraj V. Arvindswamy (Head of New Initiatives at Power Economy Middle East, Chennai)	Electrical and Electronics Engineering	Material Today: Proceedings Journal, Elseiver .	2021		https://journals.riverpublishers.com/index.php/DGAJE/article/view/13635	https://doi.org/10.13052/dgaej2156-3306.3532	Yes

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108	Polymeric materials for electromagnetic shielding - A review	Sathish Kumar K Rengaraj R Venkatakrishnan G.R Chandramohan A (SRF/Chem)	Electrical and Electronics Engineering	Journal of Physics: Conference Series Journal	2021	17426588, 17426596	https://www.sciencedirect.com/science/article/abs/pii/S221478532102825X	https://doi.org/10.1016/j.matpr.2021.03.720	Yes
109	Identification of Underground Faults using Internet of Things (IoT)	R Rengaraj G R Venkatakrishnan Adithya Pillai R (Student/EEE), Abinandhan R (Student/EEE), Dev Ganesh S (Student/EEE), Aravind K(Student/EEE)	Electrical and Electronics Engineering	Lecture Notes in Networks and Systems Journal, Springer	2021		https://iopscience.iop.org/article/10.1088/1742-6596/1714/1/012018/pdf#:~:text=Two%20cables%20of%20finite%20length,length%20of%20the%20underground%20cable.	https://doi.org/10.1088/1742-6596/1714/1/012018	No
110	Implementation of Controller for Self-Balancing Robot	R. Rengaraj G. R. Venkatakrishnan Pranav Moorthy Ravi Pratyusha(Student/EEE), K. Veena (Student/EEE)	Electrical and Electronics Engineering	Journal of Power Electronics	2021	978-981-16-1394-4	https://link.springer.com/chapter/10.1007/978-981-16-1395-1_31	DOI: 10.1007/978-981-16-1395-1_31	Yes
111	Investigation of ultra-lift Luo-converter with peak, average and hysteresis current-mode control	Raji V.Kamaraj	Electrical and Electronics Engineering	International Journal of Scientific Research and Management (IJSRM)	2021		https://link.springer.com/article/10.1007/s43236-021-00235-7	https://doi.org/10.1007/s43236-021-00235-7	No
112	Arduino Based automatic Vehicle Control	R.DeepalaxmiR.ArthiE.Malini M.Raghul (Final year EEE students)	Electrical and Electronics Engineering	International Journal of Scientific Research in Science and Technology (IJSRST)	2021	2321-3418	https://ijsrm.net/index.php/ijsrm/article/view/3098#:~:text=The%20programed%20path%20is%20fed,are%20in%20front%20of%20vehicle.	DOI: 10.18535/ijsrm/v9i3.ec02	No

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113	Development of 15 Level Cascaded H-H-T Multilevel Inverter	R. Ramaprabha V. Aadhavan K. Arun V. Arun	Electrical and Electronics Engineering	Journal of Physics: Conference Series Journal, IOP Publishing, 1921 (2021) 012059.	2021	2395-602X	https://ijsrst.com/paper/7703.pdf	https://ijsrst.com/IJSRST219145	Yes
114	Implementation of Chaotic PWM method for Four phase Interleaved Boost Converter	R.SeyezhaiM.Tamilarasi (passed out Full-time scholar)	Electrical and Electronics Engineering	Journal of Physics: Conference Series	2021		https://iopscience.iop.org/article/10.1088/1742-6596/1921/1/012059	doi:10.1088/1742-6596/1921/1/012059	Yes
115	Implementation of Fuzzy logic control based MPPT for Photovoltaic system with Silicon Carbide (SiC) boost DC-DC converter	A.Bharathi Sankar (VIT, Chennai) R.Seyezhai	Electrical and Electronics Engineering	Materials Today Proceedings, June 2021,.	2021		https://wseas.com/journals/sac/2021/a345103-003(2021).pdf	DOI:10.37394/23203.2021.16.17.	Yes
116	Design and implementation of solar docking station for smartphones/ laptops,	D. Umarani R. Seyezhai S.T. Pavithraa S. Nandhini Priya K.V. Meenapriya	Electrical and Electronics Engineering	Lecture Notes in Electrical Engineering, 2021	2021	17426588	https://www.sciencedirect.com/science/article/abs/pii/S2214785321044242	https://doi.org/10.1016/j.matpr.2021.06.069	Yes
117	Investigation of Switched Capacitor Quasi-Z-Source DC-DC Converter for E-Trike Battery Charger", .	R.Seyezhai, , S.Harika (Full-time scholar) A.Jawahar P/(ECE SSNCE)	Electrical and Electronics Engineering	Turkish Journal of Computer and Mathematics Education	2021	978-981-15-8220-2	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_78	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_78	No
118	Implementation of Simple Low Cost PV Panel Characterization Kit using Arduino	R. Ramaprabha T. Tamilselvi V. Kowsalya	Electrical and Electronics Engineering	International Journal of Electrical Engineering & Education First Published April 28, 2021 (SAGE publication)	2021		https://turcomat.org/index.php/turkbilmat/article/view/5573	https://doi.org/10.1007/978-981-16-0719-6_6	Yes

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119	Educational tool for analysis of proportional integral and fractional order proportional integral controlled quadratic boost converter system using MATLAB/Simulink	Nandha Gopal J and Muthuselvan N B	Electrical and Electronics Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effect	2021	15567230	https://journals.sagepub.com/doi/abs/10.1177/00207209211013435	https://doi.org/10.1177/00207209211013435	Yes
120	Artificial Neural Network based Solar Energy Integrated Unified Power Quality Conditioner	Dheeban S Muthu Selvan N B Umashankar Subramaniam	Electrical and Electronics Engineering	International Journal of Scientific Research in Science and Technology	2021		https://www.tandfonline.com/doi/full/10.1080/15567036.2021.1919247	https://doi.org/10.1080/15567036.2021.1919247	No
121	Implementation of Mathematical Models of Buck Converter using MatLab/Simulink	S. Krishnaveni	Electrical and Electronics Engineering	International Journal of Scientific Research in Science and Technology	2021	2395-6011	https://www.researchgate.net/publication/352393945_Implementation_of_Mathematical_Models_of_Buck_Converter_using_MatLabSimulink	https://ijrst.com/IJRSRST2183106	No
122	Investigations on Interleaved and Coupled Split-Pi DC-DC Converter for Hybrid Electric Vehicle Applications	V.Rajini, Magdalene Anand	Electrical and Electronics Engineering	International journal of renewable energy research	2021	13090127	https://www.ijrer.org/ijrer/index.php/ijrer	https://dori.net/dor/20.1001.1.13090127.2021.11.2.29.8	Yes
123	Identification and classification of faults in underground cables – A review	R Rengaraj G R Venkatakrishnan S Shalini (Student/EEE), R Subitsha (Student/EEE), S Suganthi (Student/EEE) Sushmita Carolyn (Student/EEE)	Electrical and Electronics Engineering	IOP Conf. Series: Materials Science and Engineering	2021	1757-899X	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1166/1/012018/meta	No

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124	Comparative Evaluation of PI and Fuzzy Logic Controller for PV Grid-Tie Quasi Z-Source Multilevel Inverter	R.Seyezhai,,D.Umarani,, Dhivya Sambasivan (PG Student)	Electrical and Electronics Engineering	Mehran University Research Journal of Engineering and Technology	2021		https://go.gale.com/ps/i.do?id=GAL E%7CA672269766&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=02547821&p=AO NE&sw=w&userGroupName=anon%7E2256346a&aty=open-web-entry	link.gale.com/apps/doc/A672269766/AONE?u=anon~e428214b&sid=googleScholar&xid=2ab4c0e9	No
125	Mathematical model of alternate arm converter	V.Rajini Rama Ramkumar	Electrical and Electronics Engineering	Lect. Notes Electrical Eng.,	2020		https://link.springer.com/book/10.1007/978-981-16-3690-5	https://link.springer.com/chapter/10.1007/978-981-16-3690-5_141	Yes
126	New Asymmetric 25-Level Inverter Topology with Reduced Switch Count	V. Thiyagarajan	Electrical and Electronics Engineering	Lecture Notes in Electrical Engineering,in (Springer), ISSN:1876-1100	2021		https://link.springer.com/book/10.1007/978-981-15-8586-9	https://link.springer.com/chapter/10.1007/978-981-15-8586-9_7	Yes
127	New Symmetric 9-Level Inverter Topology with Reduced Switch Count and Switching Pulse Generation Using Digital Logic Circuit	V. Thiyagarajan	Electrical and Electronics Engineering	Lecture Notes in Electrical Engineering (Springer), ISSN:1876-1100	2021		https://link.springer.com/book/10.1007/978-981-15-8586-9	https://link.springer.com/chapter/10.1007/978-981-15-8586-9_23	Yes
128	Analysis of Electromagnetic and Vibration Characteristics of a Spoke Type PMBLDC Motor	Kurinjimalar, L(Parttime research scholar) Balaji, M Prabhu, S. Umadevi R.	Electrical and Electronics Engineering	International Journal of Electrical Engineering and Technology	2021		https://link.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-021-00807-4	Yes

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129	Improved Steady State and Large Signal Transient Response of Three Level AC-DC Converter using Hysteresis Modulation Based SMC Under DCM	K. R. Shanmugha Vadivu R. Ramaprabha	Electrical and Electronics Engineering	Revue Roumaine Des Sciences Techniques– Serie Electrotechnique et Energetique	2021		https://journal.iem.pub.ro/rrst-ee/index	https://journal.iem.pub.ro/rrst-ee/article/view/53	No
130	Design and Development of PV/FC Based Integrated Multilevel Inverter for Smart Grid,,,Impact Factor-1.4, doi - 10.1007/978-981-16-1299-2_17,	R.Seyezhai, Ms.P.Suvetha(Passed out RA)	Electrical and Electronics Engineering	Lecture Notes in Electrical Engineering	2021		https://www.springerprofessional.de/en/isuw-2019/19583864	https://www.springerprofessional.de/en/design-and-development-of-pv-fc-based-integrated-multilevel-inve/19583882	Yes
131	Simplified Logical Modulator for the Reduction of Common Mode Voltage in Alternating Current Drives	Kullan Murugesan Senthil Kumaran Mahadevan Anitha Rosaline	Electrical and Electronics Engineering	Journal of Power Electronics.	2021		https://link.springer.com/journal/43236	https://link.springer.com/article/10.1007/s43236-021-00303-y	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
132	Cascaded boost converter-based high-voltage pulse generator for pulsed electric field applications .	S.KrishnaveniV.Rajini	Electrical and Electronics Engineering	Archives Of Electrical Engineering,	2021	1427-4221	https://www.proquest.com/docview/2650269269?pq-origsite=gscholar&fromopenview=true&sourcetype=Scholarly%20Journals	https://journals.pan.pl/dlibra/publication/137578/edition/120523/content/archive-s-of-electrical-engineering-cascaded-boost-converter-based-high-voltage-pulse-generator-for-pulsed-electric-field-applications-br-krishnaveni-s-oid-0000-0003-1890-3462-rajini-v-2021-vol-70-no-3?language=en	Yes
133	Synthesis of anatase TiO ₂ microspheres and their efficient performance in dye-sensitized solar cell	V Gowthambabu M Deshpande R Govindaraj VK Nithesh Krishna M Leela Charumathi J Manish Kumar MS Dhilip Vignesh R Isaac Daniel P Ramasamy	Electrical and Electronics Engineering	Journal of Materials Science: Materials in Electronics	2021		https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-021-06923-1	Yes
134	COMPARISON OF TRANSFORMERLESS INVERTERS FOR PHOTOVOLTAIC APPLICATIONS	Sai Eswari G R Pratig Ram Vinay Joseph Govias PS Sakthi Praneetha(UG students) V. Rajini	Electrical and Electronics Engineering	Vidyabharati International Interdisciplinary Research Journal (Special Issue),ISSN 2319-4979	2021	2319-4979	https://www.viirj.org/specialissue2021.html	https://cdn.iferp.in/conf-proceedings/2021/ICEESC-21.pdf	No

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135	A Multi-objective Optimum Distributed Generation Placement Using Firefly Algorithm	S Anbuchandran (PT Scholar) R RengarajA Bhuvanesh M Karuppasampandian	Electrical and Electronics Engineering	Journal of Electrical Engineering & Technology (2021). https://doi.org/10.1007/s42835-021-00946-8	2021		https://link.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-021-00946-8	Yes
136	Polymeric materials for electromagnetic shielding - A review	Sathish Kumar K Rengaraj R Venkatakrishnan.G.R Chandramohan A	Electrical and Electronics Engineering	Materialstoday Proceedings, Elsevier	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532102825X	Yes
137	Optimally manage the energy between electric vehicle charging stations and electricity distribution system: A hybrid technique	Giri Rajanbabu Venkatakrishnan, RamasubbuRengarajNattama i Balasubramanian Prakash	Electrical and Electronics Engineering	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	2021	1099-1204	https://onlinelibrary.wiley.com/journal/10991204	https://onlinelibrary.wiley.com/doi/abs/10.1002/jnm.2944	Yes
138	Design of Multiphase Boost Converter for Electric Vehicle Applications	Sarumathi T(PG) S.Devi(Full-time Research Scholar) R.Seyezhai	Electrical and Electronics Engineering	Vidyabharati International Interdisciplinary Research Journal (Special Issue)	2021	2319-4979	https://www.viirj.org/specialissue2021.html		No
139	Optimal design of Minimal footprint high frequency transformer	V.Rajini R.B. jeyapradha	Electrical and Electronics Engineering	SERBIAN JOURNAL OF ELECTRICAL ENGINEERING, DOI: https://doi.org/10.2298/SJEE2103303B	2021	2217-7183	https://sjee.ftn.kg.ac.rs/index.php/sjee	https://sjee.ftn.kg.ac.rs/index.php/sjee/article/view/771	Yes

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140	Estimation of Switching Loss for Boost DC-DC Converter using Neural Networks	R.SeyezhaiM.Sridhar (Full-time research scholar) S.Devi (Full-time research scholar)	Electrical and Electronics Engineering	AMA Agricultural Mechanization in Asia, Africa and Latin America	2021	845841	https://www.shin-norinco.com/	https://www.shin-norinco.com/article/estimation-of-switching-loss-for-boost-dc-dc-converter-using-neural-networks	Yes
141	Impedance Source Inverter Topologies for Photovoltaic Applications – A Review	R.SeyezhaiS.Devi, (full-time research scholar)	Electrical and Electronics Engineering	International Journal of Electrical Engineering and Technology (IJEET)	2021	2249-3085	https://www.ripublication.com/ijee t.htm	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://iaeme.com/MasterAdmin/Journal_uploads/IJEET/VOLUME_12_ISSUE_11/IJEET_12_11_007.pdf	Yes
142	Self-Powered Super-capacitor for Low Power Wearable device Applications	A. Bharathi Sankar AmmaiyappanR.Seyezhai	Electrical and Electronics Engineering	IOP Conf. Series: Earth and Environmental Science 850 012016, doi:10.1088/1755-1315/850/1/012016	2021	1755-1315	https://iopscience.iop.org/journal/1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/850/1/012016	Yes
143	Comparative analysis of two-level and three-level multilevel inverter for electric vehicle application using BLDC motor drive	A. Bharathi Sankar AmmaiyappanR.Seyezhai	Electrical and Electronics Engineering	Circuit World, ISSN: 0305-6120, Dec 2021	2021	0305-6120	https://www.emerald.com/insight/publication/issn/0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-08-2020-0186/full/html	Yes
144	Energy management System using Multi Agent Systems with IoT and Machine learning	R Leo, V. Vishwa Raj, E Vishal, K MVimalan, G Dhanush and S Soorya,	Electrical and Electronics Engineering	Journal of Physics: Conference Series,1916 , (2021) 012013	2021	1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012013	https://iopscience.iop.org/article/10.1088/1742-6596/1916/1/012013	Yes

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145	IOT and Machine Learning based Building Energy Management	Leo Raju ,Vallaba Gurunath, Roshan darran	Electrical and Electronics Engineering	Grenze International Journal of Engineering & Technology. Volume. 1, Issue.1, October 2021,	2021	395-5287	https://openurl.ebsco.com/EPDB%3Agcd%3A2%3A3860274/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A155858534&crl=c	https://openurl.ebsco.com/EPDB%3Agcd%3A2%3A3860274/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A155858534&crl=c	No
146	Design of Intelligent Mirror System using IoT& AI	Leo Raju, T Thivakar	Electrical and Electronics Engineering	Grenze International Journal of Engineering & Technology. Volume. 1, Issue.1, October 2021.	2021	2395-5287	https://openurl.ebsco.com/EPDB%3Agcd%3A9%3A3860297/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A155858557&crl=f	https://web.p.ebscohost.com/abstract?site=ehost&scope=site&jrnl=23955287&AN=155858557&h=biOzp5DstcHygE2hODIFWUf3TkscpNld%2b5FmuKD3skRah1M3Z7Q1sBPoY67QjUK8Cc60YoLLbKF7TLk3mRqAaw%3d%3d&crl=f&resultLocal=ErrCrNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d23955287%26AN%3d155858557	No

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147	An optimized design modelling of PV integrated SEPIC-based four-switch inverter for sensor-less PMBLDC motor control	Poovizhi Mani ,Senthil Kumaran Mahadevan, Anitha Roseline Johnson & Murugesan Kullan	Electrical and Electronics Engineering	Automatika Journal for Control, Measurement, Electronics, Computing and Communications	2021	0005-1144	https://www.tandfonline.com/journals/taut20	https://www.tandfonline.com/doi/full/10.1080/00051144.2021.2008621	Yes
148	Analysis of photovoltaic fed modular multilevel converter with reduced switch count under source failure condition	G. Ramya and R. Ramaprabha	Electrical and Electronics Engineering	Journal of Electrical Systems	2020	1112-5209	https://journal.esrgroups.org/jes	https://www.proquest.com/openview/77c22dc28f5c2ace9a2612e11b5b08/1?pq-origsite=gscholar&cbl=4433095	Yes
149	Investigation on Performance of Controllers for Three Level PFC Converter for Wide Operating Range	K. Shanmugha Vadivu, and R. Ramaprabha	Electrical and Electronics Engineering	International Journal on Advances in Electrical and Computer Engineering	2020	2088-8708	https://aece.ro/	https://www.researchgate.net/publication/339686011_Investigation_on_Performance_of_Controllers_for_Three_Level_PFC_Converter_for_Wide_Operating_Range	No
150	Investigation on Operating Characteristics in Three Level Full Bridge AC–DC Converter using Different Control Strategies for Telecom	K. Shanmugha Vadivu, and R. Ramaprabha	Electrical and Electronics Engineering	Journal of Electrical Engineering and Technology	2020	1975-0102	https://link.springer.com/journal/42835	https://link.springer.com/article/10.1007/s42835-020-00401-0	Yes
151	Interleaved Sepic Bridgeless AC-DC Converter for PFC Applications	Dr.R.Seyezhai, R.Sasikala	Electrical and Electronics Engineering	Journal of Advanced Research in Dynamical and Control Systems	2020	1943-023X	https://www.jardcs.org/	https://www.jardcs.org/abstract.php?id=3561	Yes

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152	Tracking the Maximum Power Point PV Array using Dichotomous Search	Dr. S. Malathy, Dr. R. Ramaprabha	Electrical and Electronics Engineering	UPB Scientific Bulletin, Series C- Electrical Engineering and Computer Science	2020	2286-3540	https://www.scientificbulletin.upb.ro/SeriaC_-_Inginerie_Electrica_si_Stiinta_Calculatoarelor.php?lang=english&page=main2	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/fullc01_748248.pdf	Yes
153	Electromechanical characterization of titanium-dioxide-filled SiR-EPDM blends	Ms.S.Vijayalakshmi, Dr.R.Deepalaxmi, Dr.V.Rajini	Electrical and Electronics Engineering	Polymers and Polymer Composites	2020	0967-3911	https://journals.sagepub.com/home/ppc	https://web.p.ebscohost.com/abstract?site=ehost&scope=site&jrnl=09673911&AN=150578226&h=6XbPioQr0wdE2OUjeMCj5x1q5ZW5s5OuyRUR%2fdbv6XEGOVn7vj8txMAdzfxsNoms1uoOkmCplp35KJT70hojNvg%3d%3d&crl=f&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d09673911%26AN%3d150578226	Yes

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154	Dynamic Economic Dispatch Problem with Renewable Integration Focusing on Deficit Scenario in India	Hithu Anand, Rengaraj R	Electrical and Electronics Engineering	International Journal of Bio-Inspired Computation	2020	1758-0366	https://www.inderscience.com/jhome.php?jcode=ijbic	https://www.researchgate.net/publication/339994892_Dynamic_economic_emission_dispatch_problem_with_renewable_integration_focusing_on_deficit_scenario_in_India	Yes
155	A novel multiphase interleaved quadrupler circuit with reduced voltage stress and ripples for photovoltaic applications	S. Lakshmi and R. Ramaprabha	Electrical and Electronics Engineering	International Transactions on Electrical Energy Systems	2020	2050-7038	https://onlinelibrary.wiley.com/journal/20507038	https://typeset.io/papers/a-novel-multiphase-interleaved-quadrupler-circuit-with-mofv1p4cn6	Yes
156	Design of Microcontroller Based Wireless Controlled Animatronic Hand	Dr. U. Shajith Ali, Venkatakrishnan S, Saisrinivasan R, Patrick.A.Joseph,PranavMoorthy,Prashanth Seshadri, Santosh S.	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology	2020	2005-4238	http://serisc.org/journals/index.php/IJAST/index	http://serisc.org/journals/index.php/IJAST/article/view/16607	No
157	Power Quality Investigation in the Twenty Four-Pulse Rectifier Topology Fed from an Utility Comprising Renewable Energy Source	A. N. Arvindan Prof /EEE, AravindKumar R, and M. A. Arshad Mohamed	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology	2020	2207-6360	http://serisc.org/journals/index.php/IJAST/index	http://serisc.org/journals/index.php/IJAST/article/view/16608	No

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158	Investigation and performance studies of optical properties of nano-composites Spiral shaped Photonic Crystal (S-PCF)	Dr.R.Seyezhai, Ms.M.Shanthi,	Electrical and Electronics Engineering	PLASMONICS	2020	1557-1955	https://link.springer.com/journal/11468	https://www.researchgate.net/publication/337434186_Investigation_and_Performance_Studies_of_Optical_Properties_of_Nanocomposite_Spiral-Shaped_Photonic_Crystal_Fiber_S-PCF	Yes
159	Smart-Vehicle Retrieval System	Saravanan P ASSP/EEE, Anbuselvi ASSP/ECE M, Rohith Kumar, VasanthaSelvam,	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology	2020	2005-4238	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/16606	No
160	Autonomous Obstacle Avoidance Robot Using Reinforcement	Anbuselvi Mathivanan, Saravanan P, ASSP/EEE, Kesav Ravichandran Nitesh Bharadwaj, Neelesh Gopalakrishnan	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology	2020	2005-4238	http://sersc.org/journals/index.php/IJAST/index	http://sersc.org/journals/index.php/IJAST/article/view/16609	No
161	Comprehensive Analysis of Efficiency Enhancement Methods of Building Integrated Photovoltaic System under Partial Shaded Conditions	SP. Chitra and R. Ramaprabha	Electrical and Electronics Engineering	Interciencia	2020	0378-1844	https://intercienciajournal.com/		Yes
162	Analysis, Simulation and Implementation of a Novel Dual Bridge Asymmetric Cascaded Multi Level Inverter using MGWO-PI-PWM controller	R. Seyezhai R.Niraimathi	Electrical and Electronics Engineering	Microprocessors and Microsystems	2020	1419331	https://www.sciencedirect.com/science/article/pii/S0141933120302702	https://doi.org/10.1016/j.micpro.2020.103103	Yes

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163	Stability Evaluation of Four Phase High Gain Converter by small Signal Modeling	S. Lakshmi and R. Ramaprabha	Electrical and Electronics Engineering	Revue Roumaine Des Sciences Techniques–Serie Electro technique et Energetique	2020		https://www.researchgate.net/publication/343152508_STABILITY_EVALUATION_OF_FOUR_PHASE_HIGH_GAIN_CONVERTER_BY_SMALL_SIGNAL_MODELING	http://revue.elth.pub.ro/viewpdf.php?id=902	No
164	Performance improvement of Photo-Voltaic panels by Super-Lift Luo converter in standalone application	S.S. Dheeban, N.B. Muthu Selvan, L. Krishnaveni	Electrical and Electronics Engineering	Materials Today: Proceedings	2020	22147853	https://www.sciencedirect.com/science/article/abs/pii/S2214785320348252	https://doi.org/10.1016/j.matpr.2020.06.352	Yes
165	Current mode fractional order PID control of wind-based quadratic boost converter inverter system with enhanced time response	Nandha Gopal J., Muthuselvan N.B	Electrical and Electronics Engineering	Circuit World	2020	0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-03-2020-0038/full/html	https://doi.org/10.1108/CW-03-2020-0038	Yes
166	Performance Analysis of Photovoltaic Fed Grid Tied Modular Multilevel Converter	G. Ramya Dr. R.Ramaprabha,	Electrical and Electronics Engineering	U.P.B. Scientific Bulletin, Series C- Electrical Engineering and Computer Science	2020	2286-3540	chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez48c_354829.pdf	https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full967_329712.pdf	Yes

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167	Comparative analysis of Maximum Power Point Tracking Algorithms for Photovoltaic Applications	R.Seyezhai , Dr.A.Bharathi Sankar	Electrical and Electronics Engineering	WSEAS Transactions on Power Systems	2020	2224-350X	https://www.researchgate.net/publication/260172278_Comparative_analysis_of_maximum_power_point_tracking_techniques_for_PV_applications#:~:text=Keeping%20in%20view%20that%20an,%20Perturb%20%26%20Observe%20(P%26O)		No
168	Fault Classification in SRM Drive Using Hilbert Transform	Padala Lakshmi, Sai Vineetha (passed out PG student) and M. Balaji	Electrical and Electronics Engineering	Springer Lecture Notes in Electrical Engineering	2020	978-981-15-7241-8	https://link.springer.com/chapter/10.1007/978-981-15-7241-8_10#:~:text=The%20signal%20is%20sensed%20from,is%20used%20to%20extract%20features	https://doi.org/10.1007/978-981-15-7241-8_10 -Scopus indexed	Yes
169	Experimental Validation of Magnetic Field for Three-Phase Cables After Conductor Splitting and Phase Mixing	Damodaren P., Rengaraj R. (ASSP/EEE), Rohit D, Venkatakrishnan G.R. Santhoosh Aravind S	Electrical and Electronics Engineering	Advances in Intelligent Systems and Computing (LNCS, volume 688).	2020	21945365, 21945357	https://link.springer.com/chapter/10.1007/978-981-15-5029-4_25	DOI: 10.1007/978-981-15-5029-4_25	Yes
170	Transformer Oil Health Monitoring Techniques—An Overview	Rengaraj R. (ASSP/EEE), Venkatakrishnan G.R. (ASSP/EEE), Moorthy P. Pratyusha R. Ritika, Veena K	Electrical and Electronics Engineering	Advances in Intelligent Systems and Computing Springer, Singapore,	2020	978-981-15-5028-7	https://link.springer.com/chapter/10.1007/978-981-15-5029-4_12	DOI: 10.1007/978-981-15-5029-4_12	Yes

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171	Influence of Laminating Materials and Modified Pole Shapes on the Performance of Segmented Rotor Switched Reluctance Motor	Augustine Mathu Gnaniah, Balaji Mahadevan , ASSP/EEE and Kamaraj Vijayarajan	Electrical and Electronics Engineering	Advances in Intelligent Systems and Computing, Springer, Singapore, October	2020	2233-6656	https://www.dbpia.co.kr/Journal/articleDetail?nodeId=NODE10443686	https://doi.org/10.4283/JMAG.2020.25.3.347	Yes
172	Implementation of Bidirectional Interleaved Switched Capacitor DC-DC Converter for Microgrid Applications	Nalina B S, Kamaraj V,	Electrical and Electronics Engineering	Journal of Magnetics	2020	0038-111X	https://core.ac.uk/download/pdf/162664639.pdf		Yes
173	Simulation and Analysis of Interleaved Buck DC-DC Converter for EV Charging	Dr.R.Seyezhai , K. Murugappan, G. Kishor Sabarish,N. Kaashyap, J. Jason Ranjit	Electrical and Electronics Engineering	Solid State Technology	2020	9215107	https://www.researchgate.net/publication/345378725_Simulation_and_Analysis_of_Interleaved_Buck_DC-DC_Converter_for_EV_Charging	DOI: 10.1007/978-981-15-7245-6_28	No
174	Simulation and Analysis of Integrated SEPIC-Flyback AC-DC PFC Converter for LED Applications	Dr.R.SeyezhaiM.Sridhar	Electrical and Electronics Engineering	Lecture Notes in Electrical Engineering, Springer Publications	2020	978-981-15-4487-3	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_54	DOI: 10.1007/978-981-15-4488-0_54	Yes

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175	Fuzzy tuned PI controller with improved sliding mode controller for three phase AC/DC converter in DC-DC distribution system	M. Joly and R. Ramaprabha	Electrical and Electronics Engineering	Lecture Notes in Mechanical Engineering	2020	21954356	https://www.researchgate.net/publication/241626616_Soft_start_method_of_three-phase_ACDC_converter_using_improved_sliding_mode_controller_in_DC_distribution_system_for_building_application		Yes
176	Vibration analysis of E-core flux reversal free stator switched reluctance motor	Prabhu Sundaramoorthy, Balaji M ASSP/EEE., SureshK., Ezhilventhan Natesan, Mohan K	Electrical and Electronics Engineering	Circuit World	2020	0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-09-2019-0116/full/html	https://doi.org/10.1108/CW-09-2019-0116	Yes
177	Material Suitability for a Flywheel in a Solar Photovoltaic Fed Power Conditioning System	M. Vijayalakshmi and R. Ramaprabha,	Electrical and Electronics Engineering	Solid State Technology	2020	9215107	https://solidstatetechnology.us/index.php/JSST/article/view/5657	https://solidstatetechnology.us/index.php/JSST/article/view/5657	No
178	Simulation and Hardware Implementation of Interleaved SEPIC Converter with Valley-Fill Circuit for HBLED System	Dr.R.Seyezhai Lakshmi Prabha	Electrical and Electronics Engineering	Solid State Technology	2020	978-981-15-4487-3	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_30	DOI: 10.1007/978-981-15-4488-0_30	No
179	Piezo electric driven charging super capacitors for biomedical sensors applications	A. Bharathi sankar, R.Seyezhai	Electrical and Electronics Engineering	Lecture Notes in Mechanical Engineering	2020	21954356, 21954364	https://nanoient.org/upload/pdf/ENT194388.pdf	https://nanoient.org/upload/pdf/ENT194388.pdf	Yes

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180	Simulation study of Shading effects on PV Array	R.Seyezhai, S.Harika, A.Jawahar	Electrical and Electronics Engineering	Journal of Environmental Nanotechnology	2020	978-981-15-4487-3	https://get.pvcase.com/pv-ground-mount?utm_campaign=4.0_G_S_Industry_India_LG&utm_source=google&utm_medium=cpc&utm_hsa_acc=7356182994&utm_hsa_cam=20509156529&utm_hsa_grp=150862650697&utm_hsa_ad=673045610296&utm_hsa_src=g&utm_hsa_tgt=kwd-315172434943&utm_hsa_kw=pv%20simulator	DOI: 10.1007/978-981-15-4488-0_55	No
181	Reliability Evaluation of Silicon Carbide (SiC) Boost Converter Using Stochastic Model	D. Umarani, R. Seyezhai and R. Sujatha	Electrical and Electronics Engineering	Lecture Notes in Mechanical Engineering	2020	978-981-13-9007-4	https://link.springer.com/chapter/10.1007/978-981-13-9008-1_14	https://link.springer.com/chapter/10.1007/978-981-13-9008-1_14	Yes
182	Investigation On Single Stage Integrated SEPIC-Buck Boost Converter With Minimal Output Capacitance For LED Applications	R.SeyezhaiM.Sridhar	Electrical and Electronics Engineering	Lecture Notes in Mechanical Engineering (Springer), 2020	2020	21954356	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-pel.2019.1237	sersc.org/journals/index.php/IJAST/article/view/16605	Yes

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183	Agent based Advanced Energy Management of Micro-grid	Leo Raju , Antony Amalraj Morais, Balaji V Keerthivasan S	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology	2020	20885334	https://ieeexplore.ieee.org/document/9113021	http://serisc.org/journals/index.php/IJAST/article/view/5552	No
184	Internet of things and block chain based distributed energy management of smart micro-grids	Leo Raju* , Balaji.VKeerthivasan.SKeerthivasan C	Electrical and Electronics Engineering	Springer Nature AG 2020, Lecture Notes in Data Engineering and Communication Technology	2020		https://www.researchgate.net/publication/339678955_Internet_of_Things_and_Blockchain-Based_Distributed_Energy_Management_of_Smart_Micro-grids	https://doi.org/10.1007/978-3-030-43192-1_67	No
185	IOT Based Demand side Management of microgrids	Leo Raju, S Sangeetha, V. Balaji	Electrical and Electronics Engineering	Springer Nature AG 2020, Lecture Notes in Data Engineering and Communication Technology	2020	978-3-030-24642-6	https://www.sciencedirect.com/science/article/pii/S0142061520342198	DOI: 10.1007/978-3-030-24643-3	No
186	Vanadium Redox Flow Battery Energy Storage System with Y-Source DC to DC Converter for Renewable Energy Applications	U.Shajith Ali	Electrical and Electronics Engineering	Journal of Electrical and Electronics Engineering	2020	15581691, 03649059	https://www.proquest.com/openview/427b420fd3bbbedfea2af4ec5468fff2a/1?pq-origsite=gscholar&cbl=54417	https://www.proquest.com/openview/427b420fd3bbbedfea2af4ec5468fff2a/1?pq-origsite=gscholar&cbl=54417	Yes
187	Optimization of Electric Field Distribution along a 400kV Composite insulator	Archana C, K.Usha	Electrical and Electronics Engineering	Lecture Notes in Electrical Engineering, Springer Publications	2020	978-981-15-7240-1	https://link.springer.com/chapter/10.1007/978-981-15-7241-8_21	https://link.springer.com/chapter/10.1007/978-981-15-7241-8_21	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
188	A Brief Investigation on Power Quality Analysis for TND System	P.Meenalochini, C.Sonia, S.Tamilselvi	Electrical and Electronics Engineering	Irish Interdisciplinary Journal of Science & Research	2020	18331882	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3525594	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3525594	No
189	Simulation analysis of 51-level inverter topology with reduced switch count	V. Thiyagarajan	Electrical and Electronics Engineering	Materials Today: Proceedings	2020	18331882	https://www.sciencedirect.com/science/article/abs/pii/S221478532034709X#:~:text=The%20proposed%20inverter%20structure%20requires,by%20the%20power%20electronic%20switches.	https://www.sciencedirect.com/science/article/abs/pii/S221478532034709X	Yes
190	Modified symmetrical inverter topology and switching pulse generation using logic gates	V. Thiyagarajan	Electrical and Electronics Engineering	Materials Today: Proceedings	2020	18331882	https://www.sciencedirect.com/science/article/abs/pii/S2214785320347088	https://www.sciencedirect.com/science/article/abs/pii/S2214785320347088	Yes
191	Simulation Analysis of New Symmetric/Asymmetric Type Multilevel Inverter Topology	V. Thiyagarajan	Electrical and Electronics Engineering	International Journal of Advanced Science and Technology	2020	20885334	http://sersc.org/journals/index.php/IJAST/article/view/16339	http://sersc.org/journals/index.php/IJAST/article/view/16339	No
192	Stress Analysis of the Cast Iron Flywheel in a PV Based Energy Storage System	M. Vijayalakshmi, R. Ramaprabha	Electrical and Electronics Engineering	Interciencia Journal	2020	0378-1844	https://www.sciencedirect.com/science/article/abs/pii/S0038092X23006795	https://www.sciencedirect.com/science/article/abs/pii/S0038092X23006795	Yes
193	Switched Reluctance Motor Driven by Push-Pull Topology for Automotive Applications	R. S. Preethishri, J. Anitha Roseline	Electrical and Electronics Engineering	Journal of Green Engineering (JGE),	2020	22454586	https://www.intechopen.com/chapters/55670		Yes

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194	Global MPP Tracking for Partial shaded PV System using Fractional Order Extreme Seeking controller	R. Ramaprabha, G. Ramya	Electrical and Electronics Engineering	IOP Conf. Ser.: Mater. Sci. Eng	2020	17578981	https://iopscience.iop.org/article/10.1088/1757-899X/937/1/012009/meta	https://iopscience.iop.org/article/10.1088/1757-899X/937/1/012009/meta	No
195	Sub-synchronous Resonance Constrained OPF Using Reconciled Pack”, Dominance Based Grey Wolf Optimisation	Devesh Raj Mani, Somasundaram Periasamy	Electrical and Electronics Engineering	Journal of Electrical Engineering & Technology (2020)	2020		https://link.springer.com/article/10.1007/s42835-020-00478-7	https://link.springer.com/article/10.1007/s42835-020-00478-7	Yes
196	Small signal averaged transfer function model and controller design of modular solid state transformers.	Jeyapradha R.B., Rajini V	Electrical and Electronics Engineering	ISA Transactions (2019), Elsevier publications.	2019	0019-0578	https://www.sciencedirect.com/journal/isa-transactions	https://doi.org/10.1016/j.isatra.2018.09.012	Yes
197	Center clamp for wide input voltage range applications	Alagu Dheeraj & Rajini, V	Electrical and Electronics Engineering	IEICE transactions on Electronics	2019	9168524	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-pel.2019.0254#:~:text=With%20positive%20clamp%20voltage%20V,the%20magnetising%20and%20leakage%20energy.	https://www.jstage.jst.go.jp/article/trans-ele/E102.C/1/E102.C_77/_article	Yes
198	Evaluation of Modulation Strategies for Single-Phase Quasi-Z-Source Inverter	Dr.R.Seyezhai (ASSP/EEE), Ms. D.Umarani (AP/EEE) and Mrs. Dhivya S	Electrical and Electronics Engineering	Journal of the Institution of Engineers (India): Series B	2019		https://link.springer.com/journal/40031	https://link.springer.com/article/10.1007/s40031-019-00378-z	Yes
199	Capacity Fade Modeling of Li-Ion Battery using Evolutionary Algorithm	Tamilselvi S, Karuppiah N and Rajagopal Reddy B	Electrical and Electronics Engineering	E3S Web of Conferences, EDP Sciences Publisher	2019	2267-1242	https://www.e3s-conferences.org/about-the-journal/published-by	https://doi.org/10.1051/e3sconf/20198701026	No

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200	Electromagnetic and Vibration Analysis of E-core Switched Reluctance Motor with Permanent Magnets and Auxiliary Windings	Saranya S,	Electrical and Electronics Engineering	Journal of Power Electronics	2019	1598-2092	http://koreascience.or.kr/journal/E1PWAX.page	https://doi.org/10.6113/JPE.2019.19.2.540	Yes
201	Autonomous Wheelchair Under A Predefined Environment	ANBUSELVI M (Facutly/ECE) And SARAIVANAN P (Facutly/EEE)	Electrical and Electronics Engineering	International Journal Of Advanced And Applied Sciences	2019	2313-626X	https://www.science-gate.com/IJAAS.html	http://science-gate.com/IJAAS/Articles/2019/2019-6-4/1021833ijaas201904011.pdf	No
202	A simple and cost effective modular intelligent transformer for low and medium voltage applications	R B,jeyapradha Rajini V	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WS1478228898W581bfba2ea8d3	No
203	Evolutionary algorithm-based design optimization for right choice of transformer conductor material and stepped core	S.TamilSelvi, S.Baskar, T.Sivakumar, L.Anandapadmanaban	Electrical and Electronics Engineering	Electrical Engineering	2019	1432-0487	https://link.springer.com/journal/202	https://doi.org/10.1007/s00202-019-00771-3	Yes
204	Evolutionary Algorithm Based On Soft Computing Techniques Used in Forward Converter for Sustainable Applications and Energy Factor Approach	V.Rajini, Alagudheeraj	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019	1582-4594	http://www.jee.ro/index.php/jee	http://jee.upt.ro/index.php/jee/article/view/WV1528619982W5b1ce3ce34fc5	No
205	Fixed- and variable-frequency sliding mode controller–maximum power point tracking converter for two-stage grid-integrated photovoltaic system employing nonlinear loads with power quality improvement features	Ravichandran Chinnappan , Premalatha Logamani and RengarajRamasubbu	Electrical and Electronics Engineering	Measurement and Control (Sage Publications)	2019		https://journals.sagepub.com/home/MAC	http://dx.doi.org/10.1177/0020294019830120	Yes

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206	New Asymmetric 21-Level Inverter with Reduced Number of Switches	Thiyagarajan V	Electrical and Electronics Engineering	The Journal of Engineering Research (TJER)	2019	1726-6742	https://journals.squ.edu.om/index.php/tjer	http://dx.doi.org/10.24200/tjer.vol16iss1pp18-27	No
207	Compensation of voltage and current harmonics using Dual Multilevel Inverters	S.Anitha, V.Rajini	Electrical and Electronics Engineering	INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY	2019	978-93-81288-18-4	https://www.ijstet.org/		No
208	Analysis of gamma irradiation effects on dielectric parameters of SiR-EPDM blends	R.Deepalaxmi ASSP/EEE, V.Rajini Prof/EEE, C.Vaithilingam and S.Vijayalakshmi	Electrical and Electronics Engineering	Journal of Engineering Science and Technology	2019	978-93-81288-18-4	https://jestec.taylorors.edu.my/	https://jestec.taylorors.edu.my/Vol%2014%20issue%203%20June%202019/14_3_1.pdf	Yes
209	Design and Implementation of Reduced DC-link Capacitance using Voltage Compensation Technique for a Solar PV Module	K.Usha, R.Priyadarshini, S.Manasa	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i7/G6208058719.pdf	No
210	Analysis of Five Level Cascaded H- Bridge Multilevel Inverter using PV Systems	K. Usha, Sathyabama V, SathyaPreetha R, Supriya S, Tarrani S	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i7/G6208058719.pdf	No
211	Simulation and Analysis of Novel Extendable Multilevel Inverter Topology	Thiyagarajan V	Electrical and Electronics Engineering	Journal of Circuits, Systems and Computers	2019	0218-1266	https://www.worldscientific.com/worldscinet/jcsc	https://doi.org/10.1142/S0218126619500890	Yes

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212	Photovoltaic Based New Multilevel Inverter Topology With Minimum Number of Switching Components	Thiyagarajan V	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019	1582-4594	http://www.jee.ro/index.php/jee	https://www.semanticscholar.org/paper/PHOTOVOLTAIC-BASED-NEW-MULTILEVEL-INVERTER-TOPOLOGY-Anitha-Somasundaram/e70273ed15fb45eba86495094bc4511a2ecb2029	No
213	Efficient Fuzzy Feature Matching And Optimal Feature Points For Multiple Objects Tracking In Fixed And Active Camera Models	AnbuselviMathivananSaravananPalaniswamy	Electrical and Electronics Engineering	Multimedia Tools And Applications	2019	27245–27270	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-019-07825-5	Yes
214	Performance Evaluation of Sic MOSFET and Si IGBT Based Multistage Superlift DC to DC Converter.	T.S.Saravanan, R. Seyezhai	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019	1582-4594	https://sciendo.com/journal/JEE	http://www.jee.ro/index.php/jee/article/view/WA1530271926W5b3618b6a83e7	No
215	Reliability Investigation of Electric Vehicle	Dr.R.Seyezhai, ASSP/EEE & Dr. A.Bharathi Sankar	Electrical and Electronics Engineering	Life Cycle Reliability and Safety Engineering - Springer	2019	2520-1360	https://link.springer.com/journal/41872	https://www.researchgate.net/publication/330267855_Reliability_investigation_of_electric_vehicle	No
216	Adaptive MF tuned fuzzy logic speed controller for BLDC motor drive using ANN and PSO technique	A.Ramya, M.Balaji, V.Kamaraj	Electrical and Electronics Engineering	Journal of Engineering(IET)	2019	2051-3305	https://ietresearch.onlinelibrary.wiley.com/journal/20513305	https://www.researchgate.net/publication/332700023_Adaptive_MF_tuned_fuzzy_logic_speed_controller_for_BLDC_motor_drive_using_ANN_and_PSO_technique	Yes

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217	Design, Analysis and Implementation of a Novel Soft-Switched Bridgeless Interleaved Boost PFC Converter	Aishwarya. V, R. Seyezhai, Kaviya. R, Kavitha. C	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE)	2019	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i2/B2866078219.pdf	No
218	Mitigation of Harmonics in a Grid Connected Photovoltaic Inverter	Saradha Devi R, R.Seyezhai, Mrudhulaa P V, Priyadharshini K	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i10/I91490881019.pdf	No
219	Modified Capacitor Assisted Extended Boost Quasi Z-Source Inverter for the Grid-Connected PV System	Hemalatha N, R.Seyezhai	Electrical and Electronics Engineering	IIUM Engineering Journal	2019	1511-788X	https://doi.org/10.31436/iiumej.v20i1.1042	https://www.researchgate.net/publication/333554849_MODIFIED_CAPACITOR_ASSISTED_EXTENDED_BOOST_QUASI_Z-SOURCE_INVERTER_FOR_THE_GRID-CONNECTED_PV_SYSTEM	No
220	Interleaved center clamped forward converter (ICCFC) for wide input voltage range applications	Rajini V, Alagu Dheeraj	Electrical and Electronics Engineering	IET Power Electronics	2019		https://doi.org/10.1049/iet-pel.2019.0254	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-pel.2019.0254#:~:text=With%20positive%20clamp%20voltage%20V,the%20magnetising%20and%20leakage%20energy.	Yes

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221	Review of AC-DC Power Electronic Converter Topologies for Power Factor Correction	R. Sasikala, R.Seyezhai	Electrical and Electronics Engineering	International Journal of Power Electronics and Drive System (IJPEDS)	2019	2088-8694	https://ijpeds.iaescore.com/index.php/IJPEDS	https://www.researchgate.net/publication/338193533_Review_of_AC-DC_power_electronic_converter_topologies_for_power_factor_correction	Yes
222	IMPLEMENTATION OF ENHANCE CONVERTER FED BLDC DRIVE USING FUZZY LOGIC CONTROLLER	9. Ramaprabha, S. lyappan and M. Pandikumar	Electrical and Electronics Engineering	AIP CONFERENCE PROCEEDING 216	2019	0094-243X	https://pubs.aip.org/aip/acp/issue/216/1	https://ui.adsabs.harvard.edu/abs/2019AIPC.2161b0019R/abstract	Yes
223	Indoor Photovoltaics and It's Applications	Pearl Nightingale (research assistant) and Dr Mrunal Deshpande ASSP/EEE	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4478119119.pdf	No
224	Hybrid fuzzy PI controlled multi-input DC/DC converter for electric vehicle application	S. Devi Vidhya (Full time research scholar) and M. Balaji ASSP/EEE	Electrical and Electronics Engineering	Automatika, Journal for Control, Measurement, Electronics, Computing and Communications	2019		https://doi.org/10.1080/00051144.2019.1684038	https://www.tandfonline.com/doi/full/10.1080/00051144.2019.1684038	No

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225	Failure-mode analysis of modular multilevel capacitor-clamped converter for electric vehicle application"	S. Devi Vidhya (Full time research scholar) and M. Balaji ASSP/EEE	Electrical and Electronics Engineering	IET Power Electronics	2019	1755-4535	https://ietresearch.onlinelibrary.wiley.com/journal/17554543?utm_source=google&utm_medium=cpc&utm_adgroup=SPEC_X_X0000_Nov2023_PEL2_PowerElectronics&utm_adgroupid=156624661672&utm_campaign=WIL_MRKT_GBL_SUB_ADWO_PAI_DYNA_SPEC_PEL2_X0000_Nov2023_PowerElectronics&gclid=Cj0KCQjAn-2tBhDVARIsAGmStVl6vB_LyJlTGcN6ycWgcvPV9dzAOhTfSZSPSC0pk1LOohaG4YLxy0aAtGZEALw_wcB	https://www.researchgate.net/publication/333872732_Failure_mode_analysis_of_Modular_Multilevel_Capacitor_Clamped_Converter_for_Electric_Vehicle_Application	Yes
226	Reliability and performance assessment of reduced component count multilevel inverter for PV systems	S. Malathy and R. Ramaprabha	Electrical and Electronics Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020017/785858/Reliability-and-performance-assessment-of-reduced?redirectedFrom=fulltext	Yes

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227	Design and simulation of developed embedded Z-source inverter for photovoltaic interface	S. Sangeetha, T. Divya, and R. Ramaprabha	Electrical and Electronics Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://ui.adsabs.harvard.edu/abs/2019AIPC.2161b0018S/abstract	Yes
228	Two Step Algorithm Implementation for Intelligent Street LightSystem	Karthni Lakshmanan, Nishanth Thilagar , S. Tamilselvi	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i1/A6118119119.pdf	No
229	A simple and cost effective modular intelligent transformer for low and medium voltage applications	Jeyapradha R B, Dr. V. Rajini	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WS1478228898W581bfa2ea8d3	No
230	Super Capacitor/Battery Based Hybrid Powered Electric Bicycle	A. BharathiSankarR.Seyezhai	Electrical and Electronics Engineering	WSEAS Transaction on Power Systems	2019	1790-5060	https://wseas.org/cms.action?id=4057	https://www.wseas.org/multimedia/journals/power/2019/a385116-091.pdf	No
231	Design and Implementation of Two-Phase Interleaved Voltage Source Inverter for PV Applications	Harika S, R.Seyezhai	Electrical and Electronics Engineering	IIUM Engineering Journal	2019	1511-788X	https://doi.org/10.31436/iiumej.v20i2.1142	https://journals.iium.edu.my/ejournal/index.php/iiumej/article/view/1142	No
232	IOT Based Demand Side Management of a Micro-grid	Leo Raju, V. Balaji, S. Keerthivasan	Electrical and Electronics Engineering	Springer	2019		https://www.springer.com/in	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020032/785606/Multi-agent-systems-and-Arduino-based-smart-micro?redirectedFrom=PDF	No

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233	IOT Based Demand Side Management of a Micro-grid	Leo Raju, S. Sangeetha, V. Balaji	Electrical and Electronics Engineering	Lecture Notes on Data Engineering and Communications Technologies series	2019	2367-4520	https://www.springer.com/series/15362	https://link.springer.com/chapter/10.1007/978-3-030-24643-3_40	No
234	Advanced Energy Management of Solar Micro-grid using Q Learning	Leo Raju,	Electrical and Electronics Engineering	Springer Lecture notes in Mechanical Engineering	2019	2195-4364	https://www.springer.com/series/15362		No
235	Internet Of Things and Blockchain based Distributed Energy management of Smart micro-grids.	Leo Raju, Balaji V Keerthivasan S	Electrical and Electronics Engineering		2019			https://www.researchgate.net/publication/339678955_Internet_of_Things_and_Blockchain_Based_Distributed_Energy_Management_of_Smart_Micro-grids	No
236	Modelling and Design of Photovoltaic Fed Re-lift Luo Converter for Air Conditioner	U.Shajith Ali, EzhilVenthana	Electrical and Electronics Engineering	Applications of Modelling and Simulation	2019		https://arqiiipublication.com/ams/	http://arqiiipublication.com/ojs/index.php/AMS_Journal/article/view/99	No
237	Design and Implementation of new asymmetric fifteen level inverter with minimum number of switching device	V. Thiyarajan	Electrical and Electronics Engineering	Journal of Electrical Engineering	2019	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WH1484298352W58789870dc870	No
238	FAULT CLEARANCE IN RISE BUS SYSTEM USING CUSTOM POWER DEVICE	Dheeban . S, Muthuselvan	Electrical and Electronics Engineering	INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND EXPLORING ENGINEERING	2019	2278-3075	https://www.ijitee.org/	https://www.researchgate.net/publication/337971734_Fault_Clearance_in_Nine-Bus_system_using_Custom_Power_Devices	No

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
239	DESIGN OF STAND ALONE PV SYSTEM	Dheeban . S, Muthuselman	Electrical and Electronics Engineering	INTERNATIONAL JOURNAL OF SCIENTIFIC AND TECHNOLOGY RESEARCH	2019	2277-8616	http://www.ijstr.org/	https://www.researchgate.net/publication/337824057_Design_Of_Standalone_Pv_System	No
240	Solar PV Fed Irrigation Pump	JayaramaPradeep , Pearl Nightingale. R.H, Mrunal Deshpande	Electrical and Electronics Engineering	International Journal of Recent Technology and Engineering (IJRTE),	2019	2277-3878	https://www.ijrte.org/		No
241	Congestion Alleviation by Optimal Placing of Renewable Energy Generator in Power System Network using Stochastic Optimization Techniques	R.Ramaporselvi, G.Geetha, Mrunal Deshpande, J.Shri Saranyaa	Electrical and Electronics Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i2/B7366129219.pdf	No
242	Geometrical sensitivity analysis based on design optimization and multiphysics analysis of PM assisted synchronous reluctance motor	V.S.Nagarajan, V. Kamaraj, S. Sivaramakrishnan	Electrical and Electronics Engineering	Bulletin Of The Polish Academy Of Sciences: Technical Sciences	2019	2300-1917	http://bulletin.pan.pl/	https://www.researchgate.net/publication/332540369_Geometrical_sensitivity_analysis_based_on_design_optimization_and_multiphysics_analysis_of_PM_assisted_synchronous_reluctance_motor	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
243	High Gain DC-DC Converter with Enhanced Adaptive MPPT for PV Applications	SuvethaPoyyamaniSunddararaj, Seyezhai R	Electrical and Electronics Engineering	Mehran University Research Journal of Engineering and Technology	2019	2413-7219	https://publications.muet.edu.pk/index.php/muetrj	https://www.researchgate.net/publication/339182886_High_Gain_DC-DC_Converter_with_Enhanced_Adaptive_MPPT_for_PV_Applications	No
244	Impedance source converter for photovoltaic stand-alone system with vanadium redox flow battery storage	Dr.U. Shajith Ali	Electrical and Electronics Engineering	Materials Today: Proceedings (Elsevier)	2018	22147853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785317323167	Yes
245	Multi objective evolutionary algorithm for designing energy efficient distribution transformers	S.Tamilselvi (ASSP/EEE) S.Baskar, L.Anandapadmanaban, V.Karthikeyan, S.Rajasekar,	Electrical and Electronics Engineering	Swarm and Evolutionary Computation (Elsevier)	2018	22106502	https://www.sciencedirect.com/journal/swarm-and-evolutionary-computation	https://doi.org/10.1016/j.swevo.2018.01.007	Yes
246	Nominal features-based class specific learning model for fault diagnosis in industrial applications	Kannan R, SolaiManohar S, SenthilKumaran M.(ASSP/EEE)	Electrical and Electronics Engineering	Computers and Industrial Engineering	2018	3608352	https://www.sciencedirect.com/journal/computers-and-industrial-engineering/	https://www.sciencedirect.com/science/article/pii/S0360835217306009	Yes
247	Decoupled indirect duty cycle PWM technique with carrier frequency adjustment for a matrix converter	Murugesan K, Senthilkumaran M, AnithaRosline Johnson, Ranganath Muthu (ASSP/EEE)	Electrical and Electronics Engineering	Turkish Journal of Electrical Engineering & Computer Sciences	2018	13000632	https://journals.tubitak.gov.tr/elektrik/	https://www.researchgate.net/publication/322955008_Decoupled_indirect_duty_cycle_PWM_technique_with_carrier_frequency_adjustment_for_a_matrix_converter	Yes
248	Analysis and Implementation of PS-PWAM Technique for QuasiZ-Source Multilevel Inverter	Dr.R.Seyezhai(ASSP/EEE), Ms.D.Umarani (AP/EEE)	Electrical and Electronics Engineering	Journal of Electrical Engineering and Technology	2018	19750102	https://link.springer.com/journal/42835	https://koreascience.kr/article/JAKO201810038010167.pdf	Yes

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249	Reliability Assessment of two-phase Interleaved Boost Converter	DR.R.Seyezhai, ASSP/EEE Ms.D.Umarani, AP/EEE	Electrical and Electronics Engineering	Life Cycle Reliability and safety engineering (Springer)	2018	2520-1360	https://link.springer.com/journal/41872		No
250	Investigations On Embedded Processor Architectures For The Speed Control Of Switched Reluctance Motor Drive	Saravanan P, Balaji M, Anbuselvi M Arumugam R	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WB1504854023W59b24007cdf77	No
251	Simulation and Implementation of FPGA based three phase BLDC drive for Electric Vehicles	Dr.R.Seyezhai, Mr.A.Bharathi Sankar	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	13118080	https://www.ijpam.eu/	https://acadpubl.eu/jsi/2018-118-16-17/articles/16/53.pdf	Yes
252	Investigation of Dual Bridge Multilevel DC Link Inverter for PV Application	Dr.R.Seyezhai, Ms.Niraimathi (part-time research scholar)	Electrical and Electronics Engineering	International Journal of Chem Tech Research, CODEN (USA): IJCRGG	2018	2455-9555	https://www.sphinxsai.com/chemtech.php	https://www.sphinxsai.com/2018/ch_vol11_no4/2/(127-135)V11N04CT.pdf	No
253	PSO based Optimal Tuning of Load Frequency Controller for Macrogrid	Prasanth K, Ragul S, Uthamaputhiran V, Dr. Devesh Raj M, ASSP/EEE	Electrical and Electronics Engineering	International Journal Of Science And Innovative Engineering & Technology (IJSIET)	2018	2319-5967	https://www.ijesit.com/	https://www.ijesit.org/vol32018/23.pdf	No
254	A real time pricing strategy for remote micro-grid with economic emission dispatch and stochastic renewable energy sources	HithuAnand Dr.R.Rengaraj ASSP/EEE	Electrical and Electronics Engineering	Renewable Energy (Elsevier)	2018	9601481	https://www.sciencedirect.com/journal/renewable-energy	https://www.sciencedirect.com/science/article/pii/S0960148118305354	Yes
255	A new green energy interface for telecommunications	A. Margaret Amutha, V.Rajini,Prof/EEE	Electrical and Electronics Engineering	International Journal of Electronics (Taylor & Francis)	2018	13623060	https://www.tandfonline.com/journals/tetn20	https://www.tandfonline.com/doi/full/10.1080/00207217.2018.1485178	Yes

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256	A New Seven Level Symmetrical Inverter with Reduced Switch Count	Thiyagarajan V. and Somasundaram P.	Electrical and Electronics Engineering	International Journal of Power Electronics and Drive System (IJPEDS)	2018	20888694	https://ijpeds.iaescorcore.com/index.php/IJPEDS	https://ijpeds.iaescorcore.com/index.php/IJPEDS/article/view/12635	Yes
257	Modelling and controlling of PV connected quasi Z-source cascaded multilevel inverter system: An HACSNN based control approach	V.V. Rajasegharan, L. Premalatha, Dr. R. Rengaraj ASSP/EEE	Electrical and Electronics Engineering	Electric Power Systems Research (Elsevier)	2018	18732046	https://www.sciencedirect.com/journal/electric-power-systems-research	https://www.sciencedirect.com/science/article/pii/S0378779618301287	Yes
258	Investigation of Power Loss and Total Harmonic Distortion on Modular Multilevel Converter under Different Modulation Techniques	G. Ramya Dr. R. Ramaprabha ASSP /EEE	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WA1486371310W589839ee780fd	
259	Comparative analysis of grid connected transformerless photovoltaic inverters for leakage current minimization	A. Arrul Dhana Mathy R. Ramaprabha (ASSP/EEE)	Electrical and Electronics Engineering	Indian Journal of Science and Technology (IJST)	2018	0974-5645	https://indjst.org/	https://www.researchgate.net/publication/326121755_Comparative_Analysis_of_Grid_Connected_Transformerless_Photovoltaic_Inverters_for_Leakage_Current_Minimization	No
260	Modelling and Simulation of Y-Source Inverter for Photovoltaic Interface	Dr. R. Ramaprabha, M. Bharath Reddy, G. Guru Naresh M. Jagadeeshvar	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics (IJPAM)	2018	1311-8080	https://www.ijpam.eu/	https://acadpubl.eu/hub/2018-118-24/3/487.pdf	Yes
261	Online Photovoltaic Curve Tracer using SEPIC DC-DC Converter	Dr. R. Ramaprabha (ASSP/EEE), L. Deepak, R. R. Hari Prasath S. Dhillip	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics (IJPAM)	2018	13118080	https://www.ijpam.eu/	https://acadpubl.eu/hub/2018-118-24/3/503.pdf	Yes

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262	Particle Swarm Optimized Extreme Learning Machine for Feature Classification in Power Quality Data Mining	S.Vidhya (Part Time Research Scholar) Dr.V.Kamaraj (Prof &Head,EEE),	Electrical and Electronics Engineering	Automatika - Journal for Control, Measurement, Electronics, Computing and Communications	2018	0005-1144	https://typeset.io/journals/automatika-journal-for-control-measurement-electronics-1o7uzyru	https://www.researchgate.net/publication/325656212_Particle_swarm_optimized_extreme_learning_machine_for_feature_classification_in_power_quality_data_mining	No
263	Complex Neural Classifiers for Power Quality Data Mining	S.Vidhya(Part Time Research Scholar) Dr.V.Kamaraj(Prof &Head,EEE	Electrical and Electronics Engineering	Journal of Electrical Engineering and Technology	2018	2093-7423	https://koreascience.kr/article/JAKO201825677810178.page	https://doi.org/10.5370/JEET.2018.13.4.1715	Yes
264	Investigation of Modulation Strategies for Cascaded Multilevel Inverter	Dr.R.Seyezhai,ASSP/EEE, Ms.A.D.Minu Aishwarya (II Yr.M.E., PED passed out student, 2018 batch),	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu/	http://dx.doi.org/10.20902/IJCTR.2018.110403	Yes
265	Design and Development of High Voltage Power Converter for X-ray Power Generators	Dr.R.Seyezhai,ASSP/EEE, &Ms.A.N.Niruba	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu/	https://acadpubl.eu/hub/2018-118-24/3/472.pdf	Yes
266	Simulation and Analysis of Bridgeless Dual Boost PFC with LLC Resonant Converter for Battery Charging Applications	Dr.R.Seyezhai,ASSP/EEE, &Ms.M.Shanthi	Electrical and Electronics Engineering	International Journal of ChemTech Research, CODEN (USA)	2018	2455-9555	http://dx.doi.org/10.20902/IJCTR.2018.110403	https://sphinxσαι.com/2018/ch_vol11_no4/1/(27-37)V11N04CT.pdf	No

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267	Design and Implementation of Micro-inverter for Photovoltaic Application	Dr.R.Seyezhai,ASSP/EEE, & Seeranga 6. Mariappan Saravanan, Ramalingam Sujatha, Raman Sundareswaran and Muthuselvan Balasubramanian	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu/	https://get.pvcase.com/pv-ground-mount?utm_campaign=4.0_G_S_Comp_India_LG&utm_source=google&utm_medium=cpc&utm_keyword=pv%20design&utm_term=pv%20design&utm_campaign=4.0_G_S_Comp_India_LG&utm_source=google&utm_medium=cpc&hsa_acc=7356182994&hsa_cam=20509156448&hsa_grp=150862650657&hsa_ad=673048080175&hsa_src=g&hsa_tgt=kw-d-298759173762&hsa_kw=pv%20design&hsa_mt=p&hsa_net=adwords&hsa_ver=3&gclid=...	Yes
268	Application of domination integrity of graphs in PMU placement in electric power networks.	Mariappan Saravanan, Ramalingam Sujatha, Raman Sundareswaran Muthuselvan Balasubramanian ASSP/EEE,	Electrical and Electronics Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2018	2066-2076	https://journals.tubitak.gov.tr/elektrik/	https://www.researchgate.net/publication/326663330_Application_of_domination_integrity_of_graphs_in_PMU_placement_in_electric_power_networks	Yes

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269	Loss reduction in Radial distribution system by optimally sitting multi type Distributed Generation considering the Distributed Generation Suitability Index using DE and PSO Algorithm DOI: 10.24425/123441.	J. Shanmugapriyan, N.Karupiah, S. Tamilselvi	Electrical and Electronics Engineering	Bulletin of the Polish Academy of Sciences: Technical Sciences	2018	2300-1917	https://journals.pan.pl/dlibra/journal/119067	https://www.researchgate.net/publication/326346267_Optimum_placement_of_multi_type_DG_units_for_loss_reduction_in_a_radial_distribution_system_considering_the_distributed_generation_suitability_index_using_evolutionary_algorithms	Yes
270	High Frequency Transformer Design and Optimization using Bio-inspired Algorithms.	V.Rajini Prof/EEE, R.B.Jeyapradha	Electrical and Electronics Engineering	International Journal on Applied Artificial Intelligence	2018	1087-6545	https://www.tandfonline.com/doi/full/10.1080/08839514.2018.1506969	https://doi.org/10.1080/08839514.2018.1506969	Yes
271	Investigation of Interleaved Power Factor Correction Circuit with Non-linear Carrier Current Control	Dr.R.Seyezhai, ASSP/EEE and Ms.Chitra Vallavan	Electrical and Electronics Engineering	Journal of Advance Research in Dynamical and Control Systems	2018	1943-023X	https://www.jardcs.org/	https://www.researchgate.net/publication/301704124_Investigation_of_Current_Control_Techniques_of_AC-DC_Interleaved_Boost_PFC_Converter	Yes
272	Performance Evaluation of Interleaved Boost Converter Topologies for Photovoltaic Applications	Shri Soundharya J, Sowmiya A,Subhitcha R(passed out UG Students, 2018), Dr. R. Seyezhai	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu/	https://www.semanticscholar.org/paper/Performance-Evaluation-of-Interleaved-Boost-for-Soundharya-Sowmiya/3e5e0b3db170e68a15c0a16d7f663e3273728ba1	Yes

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273	Diode clamped gate driver based High voltage pulse generator for Electroporation, doi:10.3906/elk-1710-133.	S. Krishnaveni, V.Rajini	Electrical and Electronics Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2018	1300-0632	https://journals.tubitak.gov.tr/elektrik/	https://doi.org/10.3906/elk-1710-133	Yes
274	Simulation and Analysis of Modulation Strategies for PV Based T-Type Inverter	S.Devi, II Year M.E. (PED), Dr.R.Seyezhai	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	http://www.acadpubl.eu/hub/	https://acadpubl.eu/hub/2018-118-24/3/488.pdf	Yes
275	Grey Wolf Optimization To Hybrid Renewable Energy System Located In Western Ghats Region - A Case Study	G.R.Venkatakrishnan AP/EEE, R.Rengaraj,ASSP/EEE	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/	http://jee.ro/index.php/jee/article/view/WI1484018849W587454a14a0ea	No
276	Switched Capacitor Inverter for PV System	U. Kavitha, R. Ramaprabha and S. Malathy	Electrical and Electronics Engineering	International Journal of Scientific and Engineering Research (IJSER)	2018	2229-5518		https://www.pv-magazine.com/2023/11/28/new-multilevel-pv-inverter-concept-based-on-switched-capacitors-single-dc-input/#:~:text=Scientists%20in%20India%20have%20developed,and%20capacitor%20voltage%20ripple%20losses.&text=Potential%20application%20of%20the%20proposed%207L%2DSC%2DMLI%20inverter	No

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277	Performance assessment of high gain DC-DC converter topologies for PV applications	Dr.R.Seyezhai P.S.Suvetha	Electrical and Electronics Engineering	International journal of advanced information science and technology	2018	2319:268	https://www.ijaist.com/	http://www.ijaist.com/wp-content/uploads/2018/09/Performance-Assessment-of-High-gain-DC-DC-converter-topologies-for-PV-applications.pdf	No
278	Analysis and Implementation of Two Phase Flux Reversal Free Doubly Salient Machine	S. Prabhu (Part Time Research Scholar), M.Balaji ASSP/EEE	Electrical and Electronics Engineering	Journal of Magnetics	2018	I12261750	http://komag.org/journal/	https://www.researchgate.net/publication/328101170_Analysis_and_Implementation_of_Two_Phase_Flux_Reversal_Free_Doubly_Salient_Machine	Yes
279	Effect of Modified Pole Shapes on the Performance of Hybrid Switched Reluctance Motor	Saranya, Venkatasubramanian, Dr.Balaji.M, ASSP/EEE	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/		No
280	Development of Solar DC Home System using Modified Luo Converter	Saradha Devi R, Mrudhulaa P. V, Priyadharshini K Dr.R.Seyezhai, ASSP/EEE Mrudula Vempati	Electrical and Electronics Engineering	International Journal of Engineering and Advanced Technology	2018	2249-8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i1/A5481108118.pdf	No
281	Investigation of Single-Stage AC-DCPFC Topologies for LED Applications	Dr.R.Seyezhai, ASP/EEE and J.Antonsheeba, (part-time research scholar	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	http://www.acadpubl.eu/hub/	https://acadpubl.eu/hub/2018-118-24/2/396.pdf	Yes
282	An Ensemble Based Hand Vein Pattern Authentication System	M. Rajalakshmi, R. Rengaraj, Mukund Bharadwaj, Akshay Kumar, N. Naren Raju and Mohammed Haris	Electrical and Electronics Engineering	Computer Modeling in Engineering and Sciences	2018	15261492	https://www.techscience.com/journal/CMES	https://doi.org/10.3970/cmcs.2018.114.209	Yes

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283	Grey wolf optimizer to real power dispatch with non-linear constraints	G.R.Venkatakrishnan, R.Rengaraj and S.Salivahanan	Electrical and Electronics Engineering	Computer Modeling in Engineering & Sciences	2018	15261492	https://www.techscience.com/journal/CMES	https://www.researchgate.net/publication/325101137_Grey_Wolf_optimizer_to_real_power_dispatch_with_non-linear_constraints	Yes
284	A Simple Innovative Method To Reduce Extremely Low Frequency Magnetic Field By Conductor Splitting And Phase Mixing	P.Damodaran, R.Rengaraj, D.Rohit, G.R.Venkatakrishnan and G.Aadithya	Electrical and Electronics Engineering	Journal of electrical engineering	2018	1582-4594	http://www.jee.ro/	https://www.semanticscholar.org/paper/A-SIMPLE-INNOVATIVE-METHOD-TO-REDUCE-EXTREMELY-LOW-Rengaraj-D.Rohit/528f33692021a0439842068f4cf58444855bf6ed	No
285	Evolutionary Optimization Algorithms - A Review	R.Jeya, G.R.Venkatakrishnan, R.Rengaraj, AnandS, Bharath Raj N, Ganapathi Ramanathan	Electrical and Electronics Engineering	Journal of advanced research in dynamical and control systems	2018	1943-023X	https://www.jardcs.org/	https://www.sciencedirect.com/topics/mathematics/evolutionary-algorithm#:~:text=Evolutionary%20Algorithms%20(EAs)%20are%20efficient,solutions%20of%20complex%20optimization%20problems.	Yes

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286	Improved Grey Wolf Optimizer For An Optimal Tuning Of Pid Controller In The Quarter - Car Suspension System	G.R.Venkatakrishnan, R.Rengaraj, Pranamika B, Rakesh V, Savitha S	Electrical and Electronics Engineering	Journal of advanced research in dynamical and control systems	2018	1943-023X	https://www.jardcs.org/	https://www.researchgate.net/publication/323638985_Optimal_Tuning_of_PID_Controller_Using_Grey_Wolf_Optimizer_Algorithm_for_Quadraped_Robot	Yes
287	Application of Multi Agent Systems in Automation of Distributed Energy Management in Micro-grid using MACSimJX	Leo Raju, Milton R S, Senthilkumaran Mahadevan	Electrical and Electronics Engineering	Intelligent Automation and Soft Computing (Taylor & Francis)	2018	1079-8587	https://www.techscience.com/journal/iasc	https://www.researchgate.net/publication/316029849_Application_of_Multi_Agent_Systems_in_Automation_of_Distributed_Energy_Management_in_Micro-grid_using_MACSimJX	Yes
288	Advanced Energy Management of Micro-grid using Arduino and Multi-Agent System	Leo Raju, Milton R S, Antony Amalraj Morais	Electrical and Electronics Engineering	Intelligent and Efficient Electrical Systems	2018	1311-8080	http://www.ijpam.eu	https://acadopubli.eu/jsi/2018-118-10-11/articles/10/11.pdf	No
289	IoT based Real Time Energy Management of A Micro-Grid Using Arduino and Multi Agent System	Leo Raju, Sajna Gokul, Prithika rani, Nidhi Jagan	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1311-8080	http://www.ijpam.eu	https://acadopubli.eu/jsi/2018-118-10-11/articles/10/11.pdf	Yes
290	Multi Agent Systems based Autonomous Transactive Energy Management of Micro-Grids	Leo Raju, Ramyaa Rathnakumar, Soundaryaa P	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	http://www.ijpam.eu	https://acadopubli.eu/jsi/2018-118-10-11/articles/10/12.pdf	Yes
291	IOT based Advanced Energy Management of Micro-grids	Leo Raju, Ramyaa Rathnakumar, Soundaryaa P	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	http://www.ijpam.eu	https://acadopubli.eu/hub/2018-120-6/2/107.pdf	Yes

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292	Reconfiguration strategies to extract maximum power from photovoltaic array under partially shaded conditions (DOI: http://dx.doi.org/10.1016/j.rser.2017.06.100)	S. Malathy and R. Ramaprabha	Electrical and Electronics Engineering	Renewable and Sustainable Energy Reviews	2018	1879-0690	https://www.sciencedirect.com/journal/renewable-and-sustainable-energy-reviews	http://dx.doi.org/10.1016/j.rser.2017.06.100	Yes
293	Design and Analysis of an Improved High Gain Non Isolated Interleaved Boost Converter for Solar Photovoltaic Applications	S. Lakshmi and R. Ramaprabha	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	https://www.semanticscholar.org/paper/DESIGN-AND-ANALYSIS-OF-AN-IMPROVED-HIGH-GAIN-NON-Lakshmi-Ramaprabha/91b7563d7c19daf68925ea545e48280da277831c	No
294	A New Multilevel Inverter with Minimum Number of Switches and Reduction in THD	Thiyagarajan V. Somasundaram P.	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WT1477398858W580f514a67a36	No
295	Design of New Symmetrical Nine Level Inverter with Reduced Number of Switches	Thiyagarajan V. and Somasundaram P.	Electrical and Electronics Engineering	Rev Roumaine des Sciences Techniques-Series Electrotechnique et Energetique	2018	354066	https://journal.iem.pub.ro/rrst-ee	http://www.revue.elth.pub.ro/upload/88033014_VThiyagarajan_2_2018_pp_196-201.pdf	Yes
296	Simulation Analysis of New Symmetric Multilevel Inverter Topology with Reduced Number of Switches	Thiyagarajan V.	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1311-8080	https://www.ijpam.eu/	https://ieeexplore.ieee.org/document/8443283	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
297	Multilevel Inverter Topology with Modified Pulse Width Modulation and Reduced Switch Count	Thiyagarajan V. and Somasundaram P	Electrical and Electronics Engineering	Acta Polytechnica Hungarica	2018	1785-8860	http://acta.uni-obuda.hu/	http://acta.uni-obuda.hu/Venkatraman_Periasamy_81.pdf	Yes
298	Analysis and assessment of DC-DC topologies for PV applications	R.Flelshiya, Rajakumari, Dr. R. Seyezhai,	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu/	https://acadpubl.eu/hub/2018-118-24/3/484.pdf	Yes
299	A review of unidirectional AC-DC converter topologies for Level 1 charging of electric vehicle	S.Harika, Dr.R.seyechai, Dr.A.Jawahar	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpam.eu/	https://www.researchgate.net/publication/334559719_A_Review_of_Unidirectional_AC-DC_Converter_Topologies_For_Level-1_Charging_of_Electric_Vehicles	Yes
300	Simulation and implementation of High gain Dc-DC converter for photovoltaic applications	S.Harika, Dr.R.seyechai	Electrical and Electronics Engineering	International Journal of Pure and Applied Mathematics	2018	1311-8080	https://www.ijpam.eu/	https://acadpubl.eu/hub/2018-118-24/3/475.pdf	Yes
301	An effective controller design for switched capacitor Luo converter used in Hybrid Electric vehicle Applications	S.Devi vidya, Dr.M Balaji	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	https://www.researchgate.net/publication/327262066_AN_EFFECTIVE_CONTROLLER_DESIGN_FOR_SWITCHED_CAPACITOR_LUO_CONVERTER_USED_IN_HYBRID_ELECTRIC_VEHICLE_APPLICATION	No

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
302	A two-stage tracking algorithm for PV systems subjected to partial shading conditions	Dr. S. Malathy Dr. R. Ramaprabha	Electrical and Electronics Engineering	International Journal of Renewable Energy Research	2018	1309-0127	https://www.ijrer.org/ijrer/index.php/ijrer	https://www.researchgate.net/publication/330224500_A_two-stage_tracking_algorithm_for_PV_systems_subjected_to_partial_shading_conditions	Yes
303	Implementation of EV Battery Charging by Wireless Power Transfer	T. Kripalakshmi and R. Ramaprabha	Electrical and Electronics Engineering	International Journal of Darshan Institute on Engineering Research & Emerging Technologies (IJDI – ERET)	2018	2320-7590	https://www.ijdi-ret.in/	https://web.archive.org/web/20220301190948id_/http://ijdi-ret.in/Upload/December%202018%20Vol%207%20No%202/December%202018%20Vol%207%20No%202_JD_1803.pdf	No
304	Analysis of fuzzy logic controlled PV based zeta converter fed saf for induction motor	A Sivakumar, N.B.MuthuSelvan	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	https://www.researchgate.net/publication/336135171_ANALYSIS_OF_FUZZY_LOGIC_CONTROLLED_PV_BASED_ZETA_CONVERTER_FED_SAF_FOR_INDUCTION_MOTOR	No
305	Reduction of source current harmonics in ANN controlled induction motor	A Sivakumar, N.B.MuthuSelvan	Electrical and Electronics Engineering	Alexandria Engineering Journal	2018		https://www.sciencedirect.com/journal/alexandria-engineering-journal	https://www.sciencedirect.com/science/article/pii/S1110016817301412#:~:text=The%20obtained%20source%20current%20harmonic,3%2D2%20and%20IEEE%20519	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
306	Z - H CONVERTER WITH A NEW SIMPLE MPPT FOR PHOTOVOLTAIC POWER GENERATION SYSTEM	U. Shajith Ali	Electrical and Electronics Engineering	Journal of Electrical Engineering	2018	1582-4594	http://www.jee.ro/index.php/jee	http://www.jee.ro/index.php/jee/article/view/WR1483931915W5873010b000d9	No
307	Design and implementation of inductive power transfer for battery charging	V.Aishwarya, C.Kavitha, R. Kaviya (passed out UG Students), R.Seyezhai ,S.Harika	Electrical and Electronics Engineering	International Journal of Innovative technology and creative Engineering	2018	2045-8711	http://ijitce.co.uk/	https://ieeexplore.ieee.org/document/8862318	Yes
308	Hash and Prediction-Error-Based Reversible Watermarking for Medical Images	Nirmala Krishnamoorthi and Vinoth Kumar Chinnababu	Electronics and Communication Engineering	Fluctuation and Noise Letters	2021	0219-4775	https://worldscientific.com/worldscinet/fnl	https://worldscientific.com/doi/10.1142/S0219477522500079	Yes
309	An energy-efficient clustering algorithm with self-diagnosis data fault detection and prediction for wireless sensor networks	Sathyapriya Loganathan, Jawahar Arumugam and Vinothkumar Chinnababu	Electronics and Communication Engineering	Concurrency and Computation: Practice and Experience	2021	1532-0626	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/10.1002/cpe.6288	Yes
310	Hybrid feature vector based detection of Glaucoma	Nirmala Krishnamoorthi, Vinoth Kumar Chinnababu	Electronics and Communication Engineering	Multimedia Tools and Applications	2019	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-019-08249-x	Yes
311	Encrypted separable reversible watermarking with authentication and error correction	Vinoth Kumar, C., Natarajan, V., Nirmala, K., Balasubramanian, T., Ramnarayanan Rao, K., Krishnan, S.	Electronics and Communication Engineering	Multimedia Tools and Applications	2019	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-018-6450-2	Yes
312	Performance analysis of LT code –based HARQ error control in underwater acoustic sensor networks	P.Kaythry, R. Kishore and V. Nancy Priyanka	Electronics and Communication Engineering	Journal of Marine Engineering and Technology	2019	20464177	https://www.tandfonline.com/journals/tmar20	https://doi.org/10.1080/20464177.2019.1632682	Yes
313	Energy efficient Raptor codes for error control in Wireless Body Area networks	P.Kaythry and R. Kishore	Electronics and Communication Engineering	Wireless Personal Communications	2018	9296212	https://link.springer.com/journal/11277	https://doi.org/10.1007/s11277-018-5271-y	Yes

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314	Human activity recognition based on smartphone using fast feature dimensionality reduction technique	B.Mohammed Hashim and R.Amutha	Electronics and Communication Engineering	<i>Journal of Ambient Intelligence and Humanized Computing</i>	2020	1868-5145	https://link.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-020-02351-x	Yes
315	Energy Efficient Differential Cooperative MIMO Algorithm for Wireless Sensor Networks	Kanthimathi, M., R. Amutha,	Electronics and Communication Engineering	Wireless Personal Communications	2018	9296212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-018-5957-1	Yes
316	Representative-discriminative dictionary learning algorithm for human action recognition using smartphone sensors	R. Jansi, R. Amutha	Electronics and Communication Engineering	Concurrency and Computation: Practice and Experience	2023	1532-0626	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.7468	Yes
317	Hierarchical evolutionary classification framework for human action recognition using sparse dictionary optimization,	R. Jansi, R. Amutha	Electronics and Communication Engineering	Swarm and Evolutionary Computation,	2021	2210-6502	https://doi.org/10.1016/j.swevo.2021.100873	https://doi.org/10.1016/j.swevo.2021.100873	Yes
318	Encryption of image data using compressive sensing and chaotic system.	Ponuma, R., R. Amutha, S. Aparna, and Gayatri Gopal.	Electronics and Communication Engineering	Multimedia Tools and Applications	2018	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-017-5378-2	Yes
319	Visually meaningful image encryption using data hiding and chaotic compressive sensing.	Ponuma, R., R. Amutha, S. Aparna, and Gayatri Gopal.	Electronics and Communication Engineering	Multimedia Tools and Applications	2019	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-019-07808-6	Yes
320	Deep transfer learning based human activity recognition by transforming IMU data to image domain using novel activity image creation method	B.Mohammed Hashim and R.Amutha	Electronics and Communication Engineering	<i>Journal of Intelligent & Fuzzy Systems,</i>	2022	064-1246	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs213174	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs213174	Yes

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321	Elderly Hajj pilgrims activity recognition based on candidate classification technique",	B.Mohammed Hashim and R.Amutha	Electronics and Communication Engineering	Concurrency and Computation: Practice and Experience	2022	1532-0627	https://onlinelibrary.wiley.com/journal/15320635	https://doi.org/10.1002/cpe.6932	Yes
322	Fast and secured cloud assisted recovery scheme for compressively sensed signals using new chaotic system	Ashwini, K., Amutha, R.	Electronics and Communication Engineering	Multimedia Tools and Applications	2018	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-018-6112-4	Yes
323	Extended logistic map for encryption of digital images	Hanis, S, Amutha. R	Electronics and Communication Engineering	<i>International Journal of Nonlinear Sciences and Numerical Simulation</i>	2022	2191-0294	https://doi.org/10.1515/ijnsns-2022-0028	https://doi.org/10.1515/ijnsns-2022-0028	Yes
324	A fast double-keyed authenticated image encryption scheme using an improved chaotic map and a butterfly-like structure	Hanis, S, Amutha. R	Electronics and Communication Engineering	<i>Nonlinear Dynamics</i>	2019	1573-269X	https://link.springer.com/article/10.1007/s11071-018-4573-7	https://link.springer.com/article/10.1007/s11071-018-4573-7	Yes
325	Compressive sensing based recognition of human upper limb motions with kinect skeletal data.	Ashwini, K., Amutha, R.	Electronics and Communication Engineering	Multimedia Tools and Applications	2021	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-020-10327-4	Yes
326	Statistical Analysis on Ambient RF Energy Harvesting for Low Power Wireless Applications	Divya.I, Muthumeenakshi.K, S. Radha	Electronics and Communication Engineering	International Journal of Communications Systems	2018	1074-5351	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/10.1002/dac.3538	Yes
327	Improved Collaborative Spectrum Sensing Scheme for Maritime Cognitive Radio	Kailasam Muthumeenakshi, Sankararajan, R Rajendran, H	Electronics and Communication Engineering	Indian Journal of Geo-marine sciences	2021	0379-5136	http://op.niscair.res.in/index.php/IJMS	10.56042/ijms.v50i08.66658	Yes

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328	Classification of Primary User Occupancy Using Deep Learning Technique in Cognitive Radio	Ambika.N, Muthumeenakshi.K and Radha.S	Electronics and Communication Engineering	Lecture Notes in Electrical Engineering	2021	1876-1119	https://www.springer.com/series/7818	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_167#:~:text=The%20spectrum%20whole%20or%20white,occupancy%20of%20a%20licensed%20spectrum.	Yes
329	Classification of Primary Users Using Deep Residual Learning	Vikneswar.J, Muthumeenakshi.K and Radha.S	Electronics and Communication Engineering	Lecture Notes in Electrical Engineering	2021	1876-1119	https://www.springer.com/series/7818	https://link.springer.com/chapter/10.1007/978-981-15-8221-9_192	Yes
330	An optimization of a reconfigurable CPW antenna for RF energy harvesting cognitive radio application	Divya.I, K Muthumeenakshi, S Radha	Electronics and Communication Engineering	FREQUENZ	2022	0016-1136	https://www.degruyter.com/journal/key/freq/html?lang=en	https://doi.org/10.1515/freq-2021-0131	Yes
331	Statistical analysis of radiofrequency energy harvester with bandpass filter for ultra-low power applications	Divya.I, K Muthumeenakshi, S Radha	Electronics and Communication Engineering	International Journal of Numerical Modelling, Electronic Networks, Devices and Fields	2023	0894-3370	https://onlinelibrary.wiley.com/journal/10991204	https://doi.org/10.1002/jnm.3077	Yes
332	Comprehensive Analysis on the Performance of Antenna Design Using Machine Learning Techniques	Muthumeenakshi.K and Radha.S	Electronics and Communication Engineering	Lecture Notes in Electrical Engineering	2023	1876-1119	https://www.springer.com/series/7818	https://link.springer.com/chapter/10.1007/978-981-99-1410-4_19	Yes
333	“Secured healthcare monitoring system in wireless body area network using polynomial based technique”	Shanthapriya.R, Vaithianathan.V	Electronics and Communication Engineering	Polish Journal of Medical Physics and Engineering	2019	1898-0309	https://sciendo.com/es/journal/PJMP	https://sciendo.com/es/article/10.2478/pjmpe-2019-0023?content-tab=authors	Yes

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334	20. Block-healthnet_ security based healthcare system using block-chain technology	Shanthapriya.R, Vaithianathan.V	Electronics and Communication Engineering	Security Journal	2020	0955-1662	https://www.palgrave.com/gp/journal/41284	https://link.springer.com/article/10.1057/s41284-020-00265-z#:~:text=The%20collected%20patient%20data%20is,healthnet%20to%20detect%20the%20disease.	Yes
335	An efficient VLSI circuit partitioning algorithm based on satin bowerbird optimization (SBO)	Pavithra Guru R Vaithianathan.V	Electronics and Communication Engineering	Journal of Computational Electronics	2020	1569-8025	https://link.springer.com/journal/10825	https://link.springer.com/article/10.1007/s10825-020-01491-9	Yes
336	Broadband Multiple Input Multiple Output antenna for sub-6-GHz 5G communications	Vishvakshen KS,Kalidoss R,Partibane B, Nivetha E	Electronics and Communication Engineering	International Journal of Communication System	2023	1099-1131	International Journal of Communication Systems - Wiley Online Library	https://doi.org/10.1002/dac.5506	Yes
337	Optimal relay and channel selection schemes for multiconstrained QoS multicast routing in cognitive radio ad hoc networks	G Indumathi Vaithianathan.V	Electronics and Communication Engineering	International Journal of Communication System	2021	1099-1131	https://onlinelibrary.wiley.com/journal/10991131	https://onlinelibrary.wiley.com/doi/10.1002/dac.4674	Yes
338	Miniaturized Multi-Spectral Perfect Metamaterial Absorber for THz Sensing, Imaging and Spectroscopic Applications	Swathika Rengasamy Radha Natarajan ,Vishvakshen Kuttathathi Srinivasan	Electronics and Communication Engineering	Plasmonics	2023	1557-1963	https://link.springer.com/journal/11468	https://doi.org/10.1007/s11468-023-01793-1	Yes
339	Joint Power Control and Adaptive Sleeping Policy for Cooperative Spectrum Sensing in CRN	G Indumathi Vaithianathan.V	Electronics and Communication Engineering	Wireless Personal Communications	2023	0929-6212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-023-10656-1	Yes
340	A Miniaturized Penta-band Metamaterial THz Absorber for Sensing and Imaging Applications	Swathika Rengasamy Radha Natarajan ,Vishvakshen Kuttathathi Srinivasan	Electronics and Communication Engineering	Plasmonics	2023	1557-1963	https://link.springer.com/journal/11468	https://link.springer.com/article/10.1007/s11468-023-01914-w	Yes

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341	CPW Fed Metamaterial Loaded Dual-Band Roof-Top Antenna for Vehicular Communications	B.Rammyaa, K.S.Vishvakshen	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2021	1096-4290	International Journal of RF and Microwave Computer-Aided Engineering - Wiley Online Library	https://onlinelibrary.wiley.com/doi/10.1002/mmce.22740	Yes
342	Compact four port slot based MIMO antenna with isolation enhancement'	Rajendirane Rajmohan, Kuttathati Srinivasan Vishvakshen & Rajakani kalidoss	Electronics and Communication Engineering	International Journal of Electronics	2021	0020-7217	International Journal of Electronics Taylor & Francis Online (tandfonline.com)	https://www.tandfonline.com/doi/full/10.1080/00207217.2021.1908625	Yes
343	Design of an interlocked four-port MIMO antenna for UWB automotive communications	M. Saravanan , R. Kalidoss, B. Partibane and K. S. Vishvakshen	Electronics and Communication Engineering	International Journal of Microwave and Wireless Technologies	2021	1759-0787	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	https://doi.org/10.1017/S1759078721000374	Yes
344	Wideband reflectarray antennas using concentric ring-based elements for Ku-band applications	V. Lingasamy, K.T. Selvan, R. Jyoti and S.S. Kumar	Electronics and Communication Engineering	IETE Journal of Research	2023	0974780X	https://www.tandfonline.com/journals/tijr20	https://www.tandfonline.com/doi/full/10.1080/03772063.2021.1874842	Yes
345	On the effect of array size on the RCS reduction bandwidth of checkerboard metasurfaces	M. Akila and K.T. Selvan	Electronics and Communication Engineering	Frequenz	2023	0016-1136	https://www.degruyter.com/journal/key/freq/html?lang=en#:~:text=Frequenz%20is%20one%20of%20the,7000%20copies%20C%20focusing%20on%20telecommunications.	https://www.degruyter.com/document/doi/10.1515/freq-2022-0021/html	Yes

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346	Professional development ideas for students and young professionals [Young Professionals Column]	K. T. Selvan and C. Furse	Electronics and Communication Engineering	IEEE Antennas and Propagation Magazine	2022	1045-9243	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=74	https://ieeexplore.ieee.org/document/9913246	Yes
347	A broadband dual-polarized magneto-electric dipole antenna element for low-frequency astronomical arrays	A. Murugesan, D. Natarajan, S. Abishek, V. Lingasamy, K. Hariharan and K.T. Selvan	Electronics and Communication Engineering	ACES Journal	2022	1054-4887	https://journals.riverpublishers.com/index.php/ACES/	https://journals.riverpublishers.com/index.php/ACES/article/view/13235	Yes
348	A smart agriculturing IoT system for banana plants disease detection through inbuilt compressed sensing devices	S, Aasha Nandhini., R, Hemalatha, S, Radha, Shreya Gaur and Selvarajan. R,	Electronics and Communication Engineering	Multimed Tools Appl	2023	1380-7501	https://link.springer.com/journal/11042	https://doi.org/10.1007/s11042-023-15442-6	Yes
349	Efficient crack severity level classification using bilayer detection for building structures	M. J. Anitha and R. Hemalatha	Electronics and Communication Engineering	Computer Systems Science and Engineering	2023	0267-6192	https://www.techscience.com/journal/csse	https://www.techscience.com/csse/v46n1/51298/pdf	Yes
350	Plant Disease Detection for Banana using Long Range Wide Area Network s	Blessy Annie Flora. J, S. Radha, R. Hemalatha, and Aasha Nandhini. S,	Electronics and Communication Engineering	International Journal of Security and Network	2021	1747-8405	https://www.inderscienceonline.com/journal/ijns	https://doi.org/10.1504/IJSN.2021.116778	Yes
351	Efficient crack detection and quantification in concrete structures using IoT Australian Journal of Electrical and Electronics Engineering	Ajay Nair, Hemalatha R, P Sangeetha, Harish Kumar K, Dinesh Kumar P, Inakota Sai Sahith and S. Radha	Electronics and Communication Engineering	Australian Journal of Electrical and Electronics Engineering	2021	1448837X	https://www.tandfonline.com/journals/tele20	https://www.tandfonline.com/doi/full/10.1080/1448837X.2021.1914905	Yes
352	Energy efficient surveillance system using WVSN with reweighted sampling in modified fast Haar wavelet transform domain	Monika, R., Hemalatha R., and Radha, S.,	Electronics and Communication Engineering	Multimedia Tools and Applications,	2018	1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-018-6138-7	Yes

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353	Veracious Interpolated Measure of Angle and Length for Underwater Motion Blurred Images	Vimal Raj M, S. Sakthivel Murugan	Electronics and Communication Engineering	Fluctuation and Noise Letters	2023	0219-4775	Fluctuation and Noise Letters	Fluctuation and Noise Letters (worldscientific.com)	Yes
354	Reduction of Artifacts and Edge Preservation of Underwater Images Using Deep Convolution Neural Network	M. Somasekar, S. Sakthivel Murugan	Electronics and Communication Engineering	Fluctuation and Noise Letters	2022	0219-4775	Fluctuation and Noise Letters	Fluctuation and Noise Letters (worldscientific.com)	Yes
355	Fractal adaptive weight synthesized–local directional pattern–based image classification using enhanced tree seed algorithm	Annalakshmi Ganesan, Sakthivel Murugan Santhanam	Electronics and Communication Engineering	Environmental Science and Pollution Research	2022	0944-1344	Home Environmental Science and Pollution Research (springer.com)	Fractal adaptive weight synthesized–local directional pattern–based image classification using enhanced tree seed algorithm Environmental Science and Pollution Research (springer.com)	Yes
356	Contrast Improvement on Side Scan Sonar images using Retinex based edge preserved technique	Dhana Lakshmi M, Sakthivel Murugan S	Electronics and Communication Engineering	Marine Geophysical Research	2022	0025-3235	Home Marine Geophysical Research (springer.com)	Contrast improvement on side scan sonar images using retinex based edge preserved technique Marine Geophysical Research (springer.com)	Yes

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357	Characteristics Analysis of Metamaterial Enhanced Magnetic Induction Based Underground Communication	Raagavi B, Swathi S, Sakthivel Murugan S	Electronics and Communication Engineering	Wireless Personal Communications	2022	0929-6212	Home Wireless Personal Communications (springer.com)	Characteristics Analysis of Metamaterial Enhanced Magnetic Induction based Underground Communication Wireless Personal Communications (springer.com)	Yes
358	Denosing, Edge Aware Restoration and Enhancement of Single Shallow Coastal Water Image	Mary Cecilia, Sakthivel Murugan S	Electronics and Communication Engineering	Fluctuation and Noise Letters	2022	0219-4775	Fluctuation and Noise Letters (worldscientific.com)	Fluctuation and Noise Letters (worldscientific.com)	Yes
359	A Complete Analysis of Clarity (C50) Using I-SIMPA to Maintain Ideal Conditions in an Acoustic Chamber	R.Adithya Pillai, S. Sakthivel Murugan, Guruprasad Gupta	Electronics and Communication Engineering	Sound and Vibration	2022	1541-0161	Sound & Vibration An Open Access Journal from Tech Science Press	SV A Complete Analysis of Clarity (C50) Using I-SIMPA to Maintain Ideal Conditions in an Acoustic Chamber (techscience.com)	Yes
360	A novel feature descriptor based coral image classification using extreme learning machine with ameliorated chimp optimization algorithm	Annalakshmi G, Sakthivel Murugan S	Electronics and Communication Engineering	Ecological Informatics	2021	1574-9541	Ecological Informatics Journal ScienceDirect.com by Elsevier	A novel feature descriptor based coral image classification using extreme learning machine with ameliorated chimp optimization algorithm - ScienceDirect	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
361	Implementing Blue-Green Spectral range channel characterization for underwater optical wireless communication system	Balaji K, Sakthivel Murugan S	Electronics and Communication Engineering	Journal of Environmental Protection and Ecology	2021	1311-5065	Journal of Environmental Protection and Ecology - null (scibulcom.net)	Article - null (scibulcom.net)	Yes
362	Visibility Improvement of Underwater Turbid Image using Hybrid restoration network with Weighted filter	Dhana Lakshmi M, Sakthivel Murugan S	Electronics and Communication Engineering	Multidimensional System and Signal Processing	2021	0923-6082	Home Multidimensional Systems and Signal Processing (springer.com)	Visibility improvement of underwater turbid image using hybrid restoration network with weighted filter Multidimensional Systems and Signal Processing (springer.com)	Yes
363	Fusion based approach for quality enhancement of Underwater images	Somasekar M, Sakthivel Murugan S	Electronics and Communication Engineering	Journal of Environmental Protection and Ecology	2021	1311-5065	Journal of Environmental Protection and Ecology - null (scibulcom.net)	Article - null (scibulcom.net)	Yes
364	ROV Development	Tejaswini Panati, Sai Deepika I, S. Sakthivel Murugan	Electronics and Communication Engineering	Sea Technology	2021	0093-3651	Sea Technology : September 2021 (mydigitalpublication.com)	Sea Technology : September 2021 (mydigitalpublication.com)	Yes
365	Modified Restoration technique for improved visual perception of shallow underwater imagery	Dhana Lakshmi M, Sakthivel Murugan S	Electronics and Communication Engineering	Current Science	2021	0011-3891	Current Science	Microsoft Word - 0103 (currentscience.ac.in)	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
366	Development of a Navigation and Position Tracking System for a Remotely Operated Vehicle (ROV)–ORCA	Tejaswini, P, I. Sai Deepika, Sakthivel Murugan S	Electronics and Communication Engineering	Journal of Physics: Conference Series	2021	1742-6596	Journal of Physics: Conference Series - IOPscience	Development of a Navigation and Position Tracking System for a Remotely Operated Vehicle (ROV) – ORCA - IOPscience	Yes
367	Edge Aware Turbidity Restoration of Single Shallow Coastal Water Image	S. Mary Cecilia, S. Sakthivel Murugan	Electronics and Communication Engineering	Journal of Physics: Conference Series	2021	1742-6597	Journal of Physics: Conference Series - IOPscience	Edge Aware Turbidity Restoration of Single Shallow Coastal Water Image - IOPscience	Yes
368	Motion Deblurring Analysis for Underwater Image Restoration	Vimal Raj M, Sakthivel Murugan S	Electronics and Communication Engineering	Journal of Physics: Conference Series	2021	1742-6598	Journal of Physics: Conference Series - IOPscience	Motion Deblurring Analysis for Underwater Image Restoration - IOPscience	Yes
369	Binarization of Stone Inscription Images by Modified Bi-level Entropy Thresholding	Sukanthi, Sakthivel Murugan S, Hanis	Electronics and Communication Engineering	Fluctuations and Noise Letters	2021	0219-4775	Fluctuation and Noise Letters (worldscientific.com)	Fluctuation and Noise Letters (worldscientific.com)	Yes
370	Optimum frequency Selection for localization of underwater AUV	Logeswaran Rajasekaran, Sakthivel Murugan S	Electronics and Communication Engineering	Microsystem Technologies	2021	0946-7076	Home Microsystem Technologies (springer.com)	Optimum frequency selection for localization of underwater AUV using dynamic positioning parameters Microsystem Technologies (springer.com)	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
371	Design of Filamentary planar spiral coils for magnetic induction based underground communication	Swathi S, Sakthivel Murugan S	Electronics and Communication Engineering	Transactions on Emerging Telecommunications Technologies	2021	2161-3195	Transactions on Emerging Telecommunications Technologies - Wiley Online Library	Design of filamentary planar spiral coils with enhanced channel model for magnetic induction based underground communication - Sugumar - 2021 - Transactions on Emerging Telecommunications Technologies - Wiley Online Library	Yes
372	PCB planar and filamentary planar spiral coils based underground Magnetic induction communication	Swathi S, Sakthivel Murugan S	Electronics and Communication Engineering	Wireless Personal Communications	2021	0929-6212	Home Wireless Personal Communications (springer.com)	PCB Planar and Filamentary Planar Spiral Coils based Underground Magnetic Induction Communication with Enhanced Channel Model Wireless Personal Communications (springer.com)	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
373	Framework for health Management and recording for sailors using IoT in Underwater Communication	Balaji K, Sakthivel Murugan S	Electronics and Communication Engineering	International Journal for Multiscale Computational Engineering	2021	1543-1649	International Journal for Multiscale Computational Engineering - Begell House Digital Library	FRAMEWORK FOR HEALTH MANAGEMENT AND RECORDING FOR SAILORS USING THE INTERNET OF THINGS (IOT) IN UNDERWATER COMMUNICATION - International Journal for Multiscale Computational Engineering, Volume 19, 2021, Issue 1 - Begell House Digital Library	Yes
374	Local Neighbourhood Edge Responsive Image Descriptor for Texture Classification	Annalakshmi Ganesan, Sakthivel Murugan Santhanam	Electronics and Communication Engineering	Arabian Journal of Science and Engineering	2021	2191-4281	Home Arabian Journal for Science and Engineering (springer.com)	Local Neighbourhood Edge Responsive Image Descriptor for Texture Classification Using Gaussian Mutated JAYA Optimization Algorithm Arabian Journal for Science and Engineering (springer.com)	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
375	Keypoint-Based Mapping Analysis on Transformed Side Scan Sonar Images	Dhana Lakshmi M, Sakthivel Murugan S	Electronics and Communication Engineering	Multimedia Tools and Applications	2020	1380-7501	Home Multimedia Tools and Applications (springer.com)	Keypoint-based mapping analysis on transformed Side Scan Sonar images Multimedia Tools and Applications (springer.com)	Yes
376	Modelling of submerged optical remote correspondence with low losses	Balaji K, Nithya R, Ganesan S, Nishavithri N, Sakthivel Murugan S	Electronics and Communication Engineering	International Journal of Mechanical and Production Engineering Research and Development	2020	2249-6890	International Journal of Mechanical and Production Engineering Research and (indexcopernicus.com)	MODELLING OF SUBMERGED OPTICAL REMOTE CORRESPONDENCES WITH LOW LOSSES by Transtellar Publications - Issuu	Yes
377	Seawater-Activated Battery: Developing prototype for Underwater Alternative Energy Source	Arunkumar B, Sakthivel Murugan S	Electronics and Communication Engineering	Sea Technology	2019	0093-3651	Sea Technology : July 2019 (mydigitalpublication.com)	Sea Technology : July 2019 (mydigitalpublication.com)	Yes
378	Implementing IoT in Underwater Communication using Li-Fi	Balaji K, Sakthivel Murugan S	Electronics and Communication Engineering	International Journal of Recent Technology and Engineering	2019	2277-3878	Home - International Journal of Recent Technology and Engineering (IJRTE)	B11900782S419.pdf (iirte.org)	Yes
379	Implementation of sea sand in microbial fuel cell for an energy harvesting system using LTC for underwater applications	Janani P, Sakthivel Murugan S	Electronics and Communication Engineering	Indian Journal of Geo - Marine Sciences	2018	0379-5136	NIScPR Online Periodical Repository: Indian Journal of Geo-Marine Sciences (IJMS)	NIScPR Online Periodical Repository: Implementation of sea sand in microbial fuel cell for an energy harvesting system using LTC for underwater applications	Yes

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380	An energy-efficient clustering algorithm with self-diagnosis data fault detection and prediction for wireless sensor networks	Sathyapriya Loganathan, Jawahar Arumugam and Vinothkumar Chinnababu	Electronics and Communication Engineering	Concurrency and Computation: Practice and Experience	2021	1532-0626	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/10.1002/cpe.6288	Yes
381	Optical bio sensor based cancer cell detection using optimized machine learning model with quantum computing	G. Balamurugan C. Annadurai · I. Nelson K. Nirmala Devi · A. Sheryl Oliver, S. Gomathi	Electronics and Communication Engineering	Optical and Quantum Electronics	2023	1572-817X	https://link.springer.com/journal/11082	https://link.springer.com/article/10.1007/s11082-023-05684-x	Yes
382	A Novel Intelligent Approach for Efficient Detection of Respiratory Infections Combining Face Mask Detection and Thermal Images on Embedded Devices	C. Annadurai · I. Nelson · K. Nirmala Devi	Electronics and Communication Engineering	SN Computer Science	2023	2661-8907	https://link.springer.com/journal/42979	https://link.springer.com/article/10.1007/s42979-023-02275-1	Yes
383	A novel energy efficient architecture for wireless body area networks	S. Kalpana · C. Annadurai	Electronics and Communication Engineering	Personal and Ubiquitous Computing	2023	1617-4917	https://link.springer.com/journal/779	https://link.springer.com/article/10.1007/s00779-021-01652-y	Yes
384	Image Watermarking Based Data Hiding by DiscreteWavelet Transform Quantization Model with Convolutional Generative Adversarial Architectures	C. Annadurai · I. Nelson · K. Nirmala Devi	Electronics and Communication Engineering	MDPI Applied Science	2022	2076-3417	https://www.mdpi.com/journal/applsci	https://www.mdpi.com/2076-3417/13/2/804	Yes
385	Biometric Authentication-Based Intrusion Detection Using Artificial Intelligence Internet of Things in Smart City	C. Annadurai, I. Nelson, K. Nirmala Devi, R. Manikandan, N. Z. Jhanjhi , Mehedi Masud and Abdullah Sheikh	Electronics and Communication Engineering	MDPI Energies	2022		https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/15/19/7430	Yes

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386	An Efficient AlexNet Deep Learning Architecture for Automatic Diagnosis of Cardio-Vascular Diseases in Healthcare System	I. Nelson · C. Annadurai · K. Nirmala Devi	Electronics and Communication Engineering	Wireless Personal Communications	2022	1572-834X	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-022-09755-2	Yes
387	Intelligent Spectrum Sensing Using Optimized Machine Learning Algorithms for Cognitive Radio in 5G Communication	M. Varun1, C. Annadurai	Electronics and Communication Engineering	Journal of Internet Technology	2022	2079-4029	https://jit.ndhu.edu.tw/	https://jit.ndhu.edu.tw/article/view/2732	Yes
388	A review of metasurface-assisted RCS reduction surfaces	A. Murugesan, K.T. Selvan, A. Iyer, K. V. Srivastava and A. Alphones	Electronics and Communication Engineering	Progress in Electromagnetics Research B	2021	1937-6472	https://www.ipier.org/issues/pierb.html	https://www.ipier.org/issues/volume.html?paper=21081401	Yes
389	On further enhancing the bandwidth of wideband RCS reduction checkerboard metasurfaces using an optimization algorithm	A. Murugesan, and K.T. Selvan	Electronics and Communication Engineering	<i>International Journal of RF and Microwave Computer Aided Engineering</i>	2021	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/10.1002/mmce.22686	Yes
390	Low-Cost, Wideband Checkerboard Metasurfaces for Monostatic RCS Reduction	A. Murugesan, D. Natarajan and K. T. Selvan	Electronics and Communication Engineering	IEEE Antennas and Wireless Propagation Letters	2021	1536-1225	https://ieeexplore.ieee.org/xpl/aboutJournal.jsp?punumber=7727	https://ieeexplore.ieee.org/document/9337875	Yes
391	Lessons from the IEEE AP-S Madras Chapter on electromagnetic education in India	K. T. Selvan	Electronics and Communication Engineering	IEEE Antennas and Propagation Magazine	2021	1045-9243	https://ieeexplore.ieee.org/xpl/aboutJournal.jsp?punumber=74	https://ieeexplore.ieee.org/document/9347572	Yes
392	An ultrawideband miniaturized MIMO antenna with split ring Yagi like structures for S and X frequency multiband applications	R. Anandan & C. Annadurai	Electronics and Communication Engineering	Journal of Electromagnetic Waves and Applications	2022	920-5071	https://www.tandfonline.com/toc/tewa20/current	https://www.tandfonline.com/doi/full/10.1080/09205071.2022.2076159	Yes

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393	Iris-based continuous authentication in mobile ad hoc network	D. Ramkumar1 C. Annadurai2 I. Nelson2	Electronics and Communication Engineering	Concurrency Computat Pract Exper	2019	1532-0626	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.5542#:~:text=This%20framework%20considers%20both%20intrusion,for%20the%20purpose%20of%20authentication.	Yes
394	Linear Polarization to Circular Polarization convertor loaded orthogonally placed two-port ring ceramic-based MIMO antenna for WLAN applications	Anandan Ramalingam, Annadurai Chinnamuthu	Electronics and Communication Engineering	<u>International Journal of Circuit Theory and Applications</u>	2022	1097-007X	https://onlinelibrary.wiley.com/journal/1097007X	https://onlinelibrary.wiley.com/doi/10.1002/cta.3449	Yes
395	Deep Q-Learning-Based Neural Network with Privacy Preservation Method for Secure Data Transmission in Internet of Things (IoT) Healthcare Application	Nirmala Devi Kathamuthu, Annadurai Chinnamuthu, Nelson Iruthayanathan, Manikandan Ramachandran and Amir H. Gandomi	Electronics and Communication Engineering	MDPI Electronics	2022	2079-9292	https://www.mdpi.com/journal/electronics	https://www.mdpi.com/2079-9292/11/1/157	Yes
396	Lowpower device coordination in internet of things environment using analytic hierarchy processmodel	R. Rajesh, C. Annadurai K. Nirmaladevi	Electronics and Communication Engineering	Concurrency Computat Pract Exper.	2021	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/abs/10.1002/cpe.5022	Yes
397	Optimized Cognitive Learning Model for Energy Efficient Fog-BAN-IoT Networks	S. Kalpana, and C. Annadurai	Electronics and Communication Engineering	Computer Systems Science & Engineering	2022	0267-6192	https://www.techscience.com/journal/csse	https://www.techscience.com/journal/csse	Yes

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398	Continuous authentication consoles in mobile ad hoc network (MANET)	D. Ramkumar · C. Annadurai · K. Nirmaladevi	Electronics and Communication Engineering	Cluster Computing	2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-017-1386-2#:~:text=Continuou s%20authentication%20is%20provided%20through,user%20from%20accessing%20the%20network.	Yes
399	Performance enhancement of IPv6 low power wireless personal area networks (6LoWPAN) by Lamport's algorithm	R. Rajesh,C. Annadurai, K. Nirmaladevi	Electronics and Communication Engineering	Cluster Comput	2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-017-1324-3#:~:text=This%20pa per%20proposes%20the%20Lamport's,in %20collisions%20am ong%20the%20node s.	Yes
400	A new error analysis technique for cooperative 5G systems	Velmurugan Nagarajan , Chinnamuthu Annadurai	Electronics and Communication Engineering	Computers and Electrical Engineering	2019	0045-7906	https://www.sciencedirect.com/journal/computers-and-electrical-engineering/vol/72/suppl/C	https://www.sciencedirect.com/science/article/pii/S0045790617319006	Yes
401	Mitigation of co-channel interferences in cognitive multi-carrier code division multiple access system by singular value decomposition techniques	I. Nelson, C. Annadurai, R. Kalidoss, B. Partibane	Electronics and Communication Engineering	Cluster Computing	2019	1573-7543	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-017-0997-y	Yes

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402	Teaching and learning electromagnetic theory in 2020: Issues, trends, opportunities and ideas for developing courses	K.F. Warnick and K.T. Selvan	Electronics and Communication Engineering	IEEE Antennas and Propagation Magazine	2020	1045-9243	https://ieeexplore.ieee.org/xpl/aboutJournal.jsp?punumber=74	https://ieeexplore.ieee.org/document/8998277	Yes
403	Compact hybrid Sierpinski Koch fractal UWB MIMO antenna with pattern diversity	S. Rajkumar and K.T. Selvan	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2020	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/10.1002/mmce.22017	Yes
404	"Intelligent Counter System for Generating Attendance"	Edna Elizabeth.N, Gowthaman TK, Joannes Sam Mertens J, Likhitta Dugar P,	Electronics and Communication Engineering	Microelectronics, Electromagnetics and Telecommunications, Lecture Notes in Electrical Engineering, Springer	2018	1876-1119	https://www.springer.com/series/7818	https://doi.org/10.1007/978-981-10-7329-8_2	Yes
405	A comparison of planar convex dielectric lens loaded flat reflector with parabolic reflector and reflectarray	V. Lingasamy and K.T. Selvan	Electronics and Communication Engineering	Microwave and Optical Technology Letters	2019	0895-2477	https://onlinelibrary.wiley.com/journal/10982760?journalRedirectCheck=true	https://onlinelibrary.wiley.com/doi/10.1002/mop.31927	Yes

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406	A wideband, single layer reflectarray antenna with cross loop and square ring slots loaded patch elements	V. Lingasamy, M.G.N. Alsath, K.T. Selvan and R. Jyoti	Electronics and Communication Engineering	<i>International Journal of Microwave and Wireless Technologies</i>	2019	1759-0787	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/abs/wideband-single-layer-reflectarray-antenna-with-cross-loop-and-square-ring-slot-loaded-patch-elements/030E1E008B98990B9CF87BA9D2A58346	Yes
407	Design and evaluation of a wideband reflectarray antenna using cross dipole with double ring elements	V. Lingasamy, M.G.N. Alsath and K.T. Selvan	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2019	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/10.1002/mmce.21865	Yes
408	A Comparative Study and Performance Analysis of Elliptic Curve Cryptography	Renita J, Edna Elizabeth N, Shantha A, Varsha S,	Electronics and Communication Engineering	Solid State Technology, ,	2020	0038111X	https://solidstatetech.us/index.php/JSST/index	DOI: http://solidstatetech.us/index.php/JSST/article/view/4381	Yes
409	Performance comparison of stepped and smooth dielectric lens-loaded flat reflectors	V. Lingasamy, K.T. Selvan and P.H. Rao	Electronics and Communication Engineering	<i>Progress in Electromagnetics Research M</i>	2019	1937-8726	https://www.jpier.org/issues/pierm.html	https://www.jpier.org/issues/volume.html?paper=19040903	Yes
410	Isolation improvement of UWB MIMO antenna utilizing molecule fractal structure	S. Rajkumar, A.A. Amala and K.T. Selvan	Electronics and Communication Engineering	Electronics Letters	2019	0013-5194	https://digital-library.theiet.org/content/journals/el	https://digital-library.theiet.org/content/journals/10.1049/el.2019.0592	Yes

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411	A simpler reference antenna gain measurement method	K.T. Selvan, S. Sharma, G. Mishra and R.R. George	Electronics and Communication Engineering	Microwave and Optical Technology Letters	2018	0895-2477	https://onlinelibrary.wiley.com/journal/10982760?journalRedirectCheck=true	https://onlinelibrary.wiley.com/doi/10.1002/mop.31267	Yes
412	IoT based multi-purpose smart fabric curtain	R. Sriharini, N Edna Elizabeth, D. Supriya, V. S Surender & S. Sneha.	Electronics and Communication Engineering	Australian Journal of Electrical and Electronics Engineering,	2021	1448837X	https://www.tandfonline.com/journals/tele20	https://doi.org/10.1080/1448837X.2021.2004658	Yes
413	Authenticated Encryption to Prevent Cyber-Attacks in Images,	S. Hanis, N ASP/ECE, Edna Elizabeth Prof/ECE, R. Kishore ASP/ECE, and Ala Khalifeh,	Electronics and Communication Engineering	Illumination of Artificial Intelligence in Cybersecurity and Forensics, Lecture Notes on Data Engineering and Communications Technologies	2022	2367-4520	https://www.springer.com/series/15362	https://doi.org/10.1007/978-3-030-93453-8_14	Yes
414	Implementation and Performance Analysis of Elliptic Curve Cryptography using an Efficient Multiplier	Renita J, Edna Elizabeth N, Nandhini Asokan,	Electronics and Communication Engineering	Journal of Semiconductor Technology and Science	2022	2233-4866	https://www.dbpia.co.kr/journal/publicationDetail?publicationId=PLCT0000684	https://doi.org/10.5573/JSTS.2022.22.2.53	Yes
415	Prevention Of Road Accidents Using Machine Learning	Edna Elizabeth N, Priyanka R, Muni Priya Darsni M M	Electronics and Communication Engineering	Journal For Basic Sciences,	2023	1006-8341,	https://fzgxjckxb.com/	https://drive.google.com/file/d/1Lm51E4gscX6HgMcnj_MK896jXlyW15ub/view	Yes
416	A Novel Design of Epidermal Flexible Antenna on Supraorbital Nerve to Correlate Diabetes and Anemia	Kannagi V, Jawahar A, Vijay Nath	Electronics and Communication Engineering	IETE journal of research	2023	0377-2063	https://www.tandfonline.com/journals/tijr20	https://www.tandfonline.com/doi/full/10.1080/03772063.2022.2150694	Yes

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417	"Wide Boost Ratio in Quasi-Impedance Network Converter Using Switch Voltage Spike Reduction Technique	Harika Sridharan, Seyezhai Ramalinga and Jawahar Arumugam	Electronics and Communication Engineering	Revue roumaine des sciences techniques. Série électrotechnique et énergétique	2023	0035-4066	https://journal.iem.pub.ro/rrst-ee	https://journal.iem.pub.ro/rrst-ee/article/view/325	Yes
418	Miniaturized Dual Wideband MIMO Antenna for Implantable Biomedical Applications	B. Ashvanth and B.Partibane	Electronics and Communication Engineering	Microwave and Optical Technology Letters	2023	0895-2477	https://onlinelibrary.wiley.com/journal/10982760	http://doi.org/10.1002/mop.33856	Yes
419	Broadband Multiple Input Multiple Output antenna for sub-6-GHz 5G communications	K. S. Vishvakshen, R. Kalidoss, B. Partibane and E. Nivetha	Electronics and Communication Engineering	International Journal of Communication Systems	2023	1074-5351	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5506	Yes
420	Terahertz Metamaterial Absorbers With Fixed, Controllable, and Tunable Multiband Characteristics	B. Ashvanth and B.Partibane	Electronics and Communication Engineering	Journal of Optoelectronics and Advanced Materials	2023	1454-4164	https://joam.inoe.ro/	https://joam.inoe.ro/articles/terahertz-metamaterial-absorbers-with-fixed-controllable-and-tunable-multiband-characteristics/	Yes
421	Inductively coupled triple layers of ultra-miniaturized frequency selective surface for L-band applications	B. Ashvanth and B.Partibane	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2022	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://doi.org/10.1002/mmce.23099	Yes
422	An Ultra-Miniaturized Frequency Selective Surface with Angular and Polarization Stability	B. Ashvanth, B. Partibane and M. Gulam Nabi Alsath	Electronics and Communication Engineering	IEEE Antennas and Wireless Propagation Letters	2022	1536-1225	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7727	DOI: 10.1109/LAWP.2021.3119984	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
423	Designing miniaturized metamaterial absorber with tunable multiband characteristics for THz applications	B. Ashvanth, B. Partibane and G. Idayachandran	Electronics and Communication Engineering	Bulletin of Materials Science	2021	0250-4707	https://link.springer.com/journal/12034	https://doi.org/10.1007/s12034-021-02566-4	Yes
424	Multiband characterized high gain MIMO antenna for terahertz applications	B. Ashvanth and B. Partibane	Electronics and Communication Engineering	Optical and Quantum Electronics	2021	0306-8919	https://link.springer.com/journal/11082	https://doi.org/10.1007/s11082-021-03114-4	Yes
425	Design of an interlocked four-port MIMO antenna for UWB automotive communications	M. Saravanan, R. Kalidoss, B. Partibane and K. S. Vishvakshenan	Electronics and Communication Engineering	International Journal of Microwave and Wireless Technologies	2021	1759-0787	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	DOI: https://doi.org/10.1017/S1759078721000374	Yes
426	Gain Enhanced Multi-pattern Reconfigurable Antenna for Vehicular Communications	Balu Ashvanth, Bactavatchalame Partibane, Mohammed Gulam Nabi Alsath, Rajakani Kalidoss	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2020	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://doi.org/10.1002/mmce.22192	Yes
427	Compact broadband slot-based MIMO antenna array for vehicular environment	Partibane Bactavatchalame, Kalidoss Rajakani	Electronics and Communication Engineering	Microwave and Optical Technology Letters	2020	0895-2477	https://onlinelibrary.wiley.com/journal/10982760	https://doi.org/10.1002/mop.32261	Yes
428	Design of a Sixteen Beam Pattern Reconfigurable Antenna for Vehicular Environment	B. Ashvanth, B. Partibane, Alsath. M.G.N, R. Kalidoss	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2020	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://doi.org/10.1002/mmce.22157	Yes
429	Tunable Dual Band Antenna with Multi-Pattern Reconfiguration for Vehicular Applications	B. Ashvanth, B. Partibane, Alsath. M.G.N, R. Kalidoss	Electronics and Communication Engineering	International Journal of RF and Microwave Computer-Aided Engineering	2019	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://doi.org/10.1002/mmce.21973	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
430	Reservation based resource allocation in 5G new radio standard	Mohan Saravanan, Rajakani Kalidoss, Bactavatchalame Partibane, Kuttathati Srinivasan Vishvakshenan	Electronics and Communication Engineering	Concurrency computation practice and experience	2019	1532-0626	https://onlinelibrary.wiley.com/journal/15320634	DOI: https://doi.org/10.1002/cpe.5496	Yes
431	Compact fractal-based bandpass filter with high selectivity for terahertz applications	Karthie S, Rakshaa Madhuri K, Varshini G & Shwathi R	Electronics and Communication Engineering	Optical and Quantum Electronics	2023	0306-8919	https://link.springer.com/journal/11082	https://doi.org/10.1007/s11082-023-05269-8	Yes
432	Development of bandwidth-enhanced X-Ku band reflectarray antenna using a novel design strategy	Kavitha N, Gulam Nabi Alsath M & Karthie S	Electronics and Communication Engineering	International Journal of Communication Systems	2023	1074-5351	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.5552	Yes
433	Novel fractal-based dual-mode quasi-elliptic microstrip band-pass filter for WLAN applications	Karthie S & Manibala S.L	Electronics and Communication Engineering	Applied Physics A	2023	0947-8396	https://link.springer.com/journal/339	https://doi.org/10.1007/s00339-023-06495-3	Yes
434	Compact dual-mode microstrip bandpass filter based on slotted square patch resonator	Karthie S, Zuvairiya Parveen J, Yogeshwari D & Venkadeshwari E	Electronics and Communication Engineering	Microelectronics International	2022	1356-5362	https://www.emeraldgrouppublishing.com/journal/mi	https://doi.org/10.1108/MI-08-2021-0080	Yes
435	Fractal-based triangular bandpass filter with a notched band for interference rejection in wideband applications	Karthie S & Salivahanan S	Electronics and Communication Engineering	Circuit World	2019	0305-6120	https://www.emeraldgrouppublishing.com/journal/cw	https://doi.org/10.1108/CW-06-2018-0045	Yes
436	High Linear Voltage Gain in QZNC Through Synchronizing Switching Circuits	S. Harika, R. Seyezhai, and A. Jawahar	Electronics and Communication Engineering	Intelligent Automation & Soft Computing	2022	1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/results?type=&key1=High+Linear+Voltage+Gain+in+QZNC+Through+Synchronizing+Switching+Circuits&key2=&journal=256&atype=&syyear=&eyear=&sortType=1	Yes

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437	An energy-efficient clustering algorithm with self-diagnosis data fault detection and prediction for wireless sensor networks	Sathyapriya Loganathan, Jawahar Arumugam and Vinothkumar Chinnababu	Electronics and Communication Engineering	Concurrency and Computation: Practice and Experience	2021	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	An energy-efficient clustering algorithm with self-diagnosis data fault detection and prediction for wireless sensor networks	Yes
438	Energy Efficient Clustering Algorithm Based on Particle Swarm Optimization Technique for Wireless Sensor Networks	Sathiyapriya .L and Jawahar .A	Electronics and Communication Engineering	Wireless Personal Communications	2021	e0929-6212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08239-z	Yes
439	Integrated Energy and Trust-Based Semi-Markov Prediction for Lifetime Maximization in Wireless Sensor Networks	Famila .S, Jawahar .A, S Leones Sherwin Vimalraj, J.Lydia	Electronics and Communication Engineering	Wireless Personal Communications	2021	1572-834X	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-08028-0	Yes
440	Future Generation Optical Network for Wired and Wireless Networks Based on OFDM using a Comb Source	M. Samayaraj Murali Kishanlal, A. Jawahar	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/portfolio-item/L34851081219/	Yes
441	Design of Low Power Adders in Digital Circuits Suitable for Power Reduction in Multipliers	S. Jagadeesh Babu, A. Jawahar	Electronics and Communication Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/portfolio-item/C8548019320/	Yes

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442	Epidermal Antenna in Palmar Arch Region for Anemia Detection to Avoid Peripheral Perfusion Artifact in Optical Sensor During Hemoglobin Measurement	Kannagi Varadarajan, Jawahar .A	Electronics and Communication Engineering	Microsystem Technologies,	2020	0946-7076	https://link.springer.com/journal/542	https://link.springer.com/article/10.1007/s00542-019-04675-x	Yes
443	Energy centroid clustering algorithm to enhance the network lifetime of wireless sensor networks	Sathyapriya Loganathan, Jawahar .A	Electronics and Communication Engineering	Multidimensional Systems and Signal Processing	2019	0923-6082	https://link.springer.com/journal/11045	https://link.springer.com/article/10.1007/s11045-019-00687-y	Yes
444	Improved Artificial Bee Colony Optimization-Based Clustering Technique for WSNs	Famila .S, Jawahar .A	Electronics and Communication Engineering	Wireless Personal Communications	2019	0929-6212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-019-06837-6	Yes
445	Enabling internal methods in passive optical network architecture for next generation OFDM-PON supporting radio-over-fiber	M. SamayarajMurali Kishanla and A. Jawahar	Electronics and Communication Engineering	Concurrency Computat Pract Experience	2018	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/10.1002/cpe.5095	Yes

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446	A Review of Unidirectional AC-DC Converter Topologies For Level-1 Charging of Electric Vehicles	S.Harika, Dr.R.Seyezhai, Dr.A.Jawahar	Electronics and Communication Engineering	International Journal of Pure and Applied Mathematics	2018	1314-3395	https://www.ijpa.m.eu/	https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiBheeYjliEAX3TWwGHb9wC-cQFnoECA4QAQ&url=https%3A%2F%2Fwww.acadpubl.eu%2Fhub%2F2018-120-6%2F8%2F720.pdf&u sg=AOvVaw3DbGfT_qwyzV84hKyz0hKE&opi=89978449	Yes
447	Reconfigurable routing protocol with optical sphere in FSO MANET	Kavitha Balamurugan, Chitra K, Jawahar A	Electronics and Communication Engineering	Concurrency Computat Pract Experience	2018	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://onlinelibrary.wiley.com/doi/10.1002/cpe.4874	Yes
448	Fractally slotted patch resonator based compact dual-mode microstrip bandpass filter for Wireless LAN applications	Karthie S & Salivahanan S	Electronics and Communication Engineering	AEU International Journal of Electronics and Communications	2019	1434-8411	https://www.sciencedirect.com/journal/aeu-international-journal-of-electronics-and-communications	https://doi.org/10.1016/j.aeue.2019.05.037	Yes
449	Performance of cooperative diversity aided TF-spread MC-DS-CDMA with preprocessing	Prabagarane N, Haider Mohammed Turki AL-HILFI, Tamilarasi M	Electronics and Communication Engineering	Computers and Electrical Engineering	2018	0045-7906	https://www.sciencedirect.com/science/article/abs/pii/S0045790617319651	https://www.sciencedirect.com/science/article/abs/pii/S0045790617319651	Yes

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450	Introduction to the special section on recent trends in signal processing for 5G technologies	MD Selvaraj, P Nagaradjane, N Abd-alsabour	Electronics and Communication Engineering	Computers and Electrical Engineering	2018	0045-7907	Computers and Electrical Engineering Journal ScienceDirect.com by Elsevier	Introduction to the special section on Recent Trends in Signal Processing for 5G Technologies - ScienceDirect	Yes
451	Design of sensor system for air pollution and human vital monitoring for connected cyclists	A Venkatanarayanan, A Vijayavel, A Rajagopal, P Nagaradjane	Electronics and Communication Engineering	IET Communications	2019	1751-8628	IET Communications - Wiley Online Library	Design of sensor system for air pollution and human vital monitoring for connected cyclists - Venkatanarayanan - 2019 - IET Communications - Wiley Online Library	Yes
452	Guest Editorial: Future of Intelligent Wireless LANs	Ravikumar Balakrishnan, Prabagarane Nagaradjane, Ala Khalifeh	Electronics and Communication Engineering	IET Communications	2019	1751-8629	IET Communications - Wiley Online Library	Guest Editorial: Future of Intelligent Wireless LANs - 2019 - IET Communications - Wiley Online Library	Yes
453	Design of a Compact Dual Circular-Polarized Antenna for L-Band Satellite Applications	Harine Govindarajan, Santi C Pavone, Loreto Di Donato, Paolo Di Mariano, Giuseppe Distefano, Patrizia Livreri, Prabagarane Nagaradjane, Concetto Squadrito, Gino Sorbello	Electronics and Communication Engineering	IEEE Antennas and Wireless Propagation Letters	2020	1536-1225	IEEE Xplore: IEEE Antennas and Wireless Propagation Letters	Design of a Compact Dual Circular-Polarized Antenna for L-Band Satellite Applications IEEE Journals & Magazine IEEE Xplore	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
454	Designing the tactile support engine to assist time-critical applications at the edge of a 5G network	Christian Grasso, Karthik Eswar KN, Prabagarane Nagaradjane, Mridhula Ramesh, Giovanni Schembra	Electronics and Communication Engineering	Computer Communications	2021	0140-3664	Computer Communications Journal ScienceDirect.com by Elsevier	Designing the Tactile Support Engine to assist time-critical applications at the edge of a 5G network - ScienceDirect	Yes
455	Radio frequency based wireless charging for unsupervised clustered WSN: System implementation and experimental evaluation	Ala' Khalifeh, Mai Saadeh, Khalid A Darabkh, Prabagarane Nagaradjane	Electronics and Communication Engineering	MDPI Energies	2021	1996-1073	Energies An Open Access Journal from MDPI	Energies Free Full-Text Radio Frequency Based Wireless Charging for Unsupervised Clustered WSN: System Implementation and Experimental Evaluation (mdpi.com)	Yes
456	Comparative analysis of machine learning and physics-based optimizations of a dual circularly polarized antenna for V2X applications	Santi C Pavone, Kesav Ravichandran, Palaniappan Senthilnathan, Loreto Di Donato, Ottavio Crisafulli, S Radha, Prabagarane Nagaradjane, Gino Sorbello	Electronics and Communication Engineering	AEU- International Journal of Electronics and Communications	2021	1434-8411	AEU - International Journal of Electronics and Communications ScienceDirect.com by Elsevier	Comparative analysis of machine learning and physics-based optimizations of a dual circularly polarized antenna for V2X applications - ScienceDirect	Yes

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457	A Simulation Analysis of LEDs' Spatial Distribution for Indoor Visible Light Communication	Ala' Khalifeh, Karthikeyan Alakappan, Barath Kumar Sathish Kumar, Jayanth Srinivasan Prabakaran, Prabagarane Nagaradjane	Electronics and Communication Engineering	Wireless Personal Communications	2022	0929-6212	Home Wireless Personal Communications (springer.com)	A Simulation Analysis of LEDs' Spatial Distribution for Indoor Visible Light Communication Wireless Personal Communications (springer.com)	Yes
458	A security protocol for D2D communications in 5G networks using elliptic curve cryptography	R Kishore, I Ioannou, C Christophorou, N Prabagarane, V Vassiliou, S Vignesh, H Vinayak, S Venkatesh, A Pitsillides	Electronics and Communication Engineering	International Journal of Information Security	2022	1615-5262	Home International Journal of Information Security (springer.com)	A security protocol for D2D communications in 5G networks using elliptic curve cryptography International Journal of Information Security (springer.com)	Yes
459	Detection of DDoS attacks in D2D communications using machine learning approach	SV Jansi Rani, Iacovos Ioannou, Prabagarane Nagaradjane, Christophoros Christophorou, Vasos Vassiliou, Sai Charan, Sai Prakash, Niel Parekh, Andreas Pitsillides	Electronics and Communication Engineering	Computer Communications	2023	0140-3664	Computer Communications Journal ScienceDirect.com by Elsevier	Detection of DDoS attacks in D2D communications using machine learning approach - ScienceDirect	Yes
460	Network intelligence vs. jamming in underwater networks: how learning can cope with misbehavior	JS Mertens, A Panebianco, A Surudhi, N Prabagarane, L Galluccio	Electronics and Communication Engineering	Frontiers in Communications and Networks	2023	2673-530X	Frontiers in Communications and Networks	Frontiers Network intelligence vs. jamming in underwater networks: how learning can cope with misbehavior (frontiersin.org)	Yes

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461	A Novel Deep Hierarchical Machine Learning Approach for Identification of Known and Unknown Multiple Security Attacks in a D2D Communications Network	SV Jansi Rani, Iacovos Ioannou, Prabagarane Nagaradjane, Christophoros Christophorou, Vasos Vassiliou, Harshitaa Yarramsetti, Sai Shridhar, L Mukund Balaji, Andreas Pitsillides	Electronics and Communication Engineering	IEEE ACCESS	2023	2169-3536	IEEE Access The journal for rapid open access publishing IEEE Journals & Magazine IEEE Xplore	A Novel Deep Hierarchical Machine Learning Approach for Identification of Known and Unknown Multiple Security Attacks in a D2D Communications Network IEEE Journals & Magazine IEEE Xplore	Yes
462	Multi-scale EMG classification with spatial-temporal attention for prosthetic hands	Emimal M, W. Jino Hans, Inbamalar T.M & N. Mahiban Lindsay	Electronics and Communication Engineering	Computer Methods in Biomechanics and Biomedical Engineering	2023	1025-5842	https://www.tandfonline.com/journals/gcmb20	https://www.tandfonline.com/doi/full/10.1080/10255842.2023.2287419	Yes
463	Development of Visual-Only Speech Recognition System for Mute People	G. Aswanth Kumar, Jino Hans William	Electronics and Communication Engineering	Circuits, Systems, and Signal Processing	2022	1531-5878	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01880-w	Yes
464	Deep learning based robust forward collision warning system with range prediction	N. Venkateswaran, W. Jino Hans, N. Padmapriya	Electronics and Communication Engineering	Multimedia Tools and Applications	2021	1573-7721 1380-7501	https://link.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-021-10703-8	Yes
465	3D design of orthotic casts and braces in medical applications	N. Venkateswaran, W. Jino Hans, N. Padmapriya	Electronics and Communication Engineering	Advances in Materials and Processing Technologies	2020	2374-068X 2374-0698	https://www.tandfonline.com/journals/tmpt20	https://www.tandfonline.com/doi/full/10.1080/2374068X.2020.1754743	Yes
466	Selfie image super-resolution using an implicit prior learned from self-examples	N. Venkateswaran, W. Jino Hans	Electronics and Communication Engineering	Cluster Computing The Journal of Networks, Software Tools and Applications	2018	1573-7543 1386-7857	https://link.springer.com/journal/10586	https://link.springer.com/article/10.1007/s10586-018-2466-7	Yes

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467	Reconfigurable FET Based Tunable Ring Oscillator and its Single Event Effect Performance	G. Durga, Susanta Kumar Pal, R. Srinivasan,	Electronics and Communication Engineering	Journal of Circuits, Systems and Computers	2022	1793-6454	https://www.worldscientific.com/worldscinet/jcsc	https://www.worldscientific.com/doi/10.1142/S0218126622400084	Yes
468	Design of novel area efficient coplanar reversible arithmetic and logic unit with an energy estimation in quantum dot cellular automata	Rama Krishna Reddy Venna, G. Durga,	Electronics and Communication Engineering	The Journal of Supercomputing,	2022	1573-0484 0920-8542	https://link.springer.com/journal/11227	https://link.springer.com/article/10.1007/s11227-022-04740-9	Yes
469	Numerical Study on SEU Performance of Strain Engineered 6T- SRAM Cells	N. Vinodhkumar, G. Durga, S. Muthumanickam,	Electronics and Communication Engineering	Journal of Circuits, Systems and Computers	2021	1793-6454	https://www.worldscientific.com/worldscinet/jcsc	https://www.worldscientific.com/doi/10.1142/S0218126622500347	Yes
470	Soft error study on junctionless silicon nanotube FET based 6T SRAM cell	G. Durga, R. Srinivasan	Electronics and Communication Engineering	Journal of Physics: Conference Series	2020	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012027	Yes
471	Satellite and aerial image restoration using deep reinforcement learning	S Hanis, S Abinav Narayanan, P Abishek Viswanath, V Bhooshan	Electronics and Communication Engineering	Fluctuation and Noise Letters	2023	0219-4775	Fluctuation and Noise Letters (worldscientific.com)	https://doi.org/10.1142/S0219477523500396	Yes
472	A New Sine-Ikeda Modulated Chaotic Key for Cybersecurity	S. Hanis	Electronics and Communication Engineering	<i>Intelligent Automation & Soft Computing</i>	2023	1079-8587	https://www.techscience.com/journal/iasc	https://www.techscience.com/iasc/v36n1/49978	Yes
473	"PooRaa-Agri KG: An Agricultural Knowledge Graph based simplified Multilingual Query System",	Nethraa Sivakumar,Pooja Srinivasan, Mrinalini Kannan, Vijayalakshmi P and T. Nagarajan, ,	Electronics and Communication Engineering	Expert systems	2023	0266-4720	https://onlinelibrary.wiley.com/toc/14680394/2021/010	https://www.x-mol.net/paper/article/1695660069125640192	Yes
474	"Data Augmentation Techniques for Transfer Learning-based continuous dysarthric speech recognition",	Maria Celin T. A., P. Vijayalakshmi and T. Nagarajan	Electronics and Communication Engineering	Circuits, systems and signal processing	2023	0278-081X	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-022-02156-7	Yes

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475	"SBSim: A sentence BERT Similarity based evaluation metric for Indian language neural machine translation systems"	Mrinalini K, P. Vijayalakshmi and T. Nagarajan	Electronics and Communication Engineering	IEEE/ACM Transactions on Audio, Speech and Language Processing	2022	2329-9290	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6570655	https://ieeexplore.ieee.org/document/9739828	Yes
476	"Incorporation of happiness in neutral speech by modifying time-domain parameters of emotive keywords"	Anushiya Rachel, Sreenidhi, P. Vijayalakshmi and T. Nagarajan	Electronics and Communication Engineering	Circuits, systems and signal processing	2022	0278-081X	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-021-01875-7	Yes
477	"Development of a low-resource wearable continuous gesture-to-speech conversion system"	P. Vijayalakshmi, Nagarajan, T., Jayapriya, R, Brathindara, S., Krithika, K., Nikhilesh, N. Naren Raju, N. Johanan Joysingh, S., Aiswarya, V. Mrinalini, K	Electronics and Communication Engineering	Disability and Rehabilitation: Assistive Technology	2022	1748-3107	https://www.tandfonline.com/journals/iidt20	https://www.tandfonline.com/doi/full/10.1080/17483107.2021.2022787	Yes
478	"Literary and colloquial Tamil dialect identification"	M. Nanmalar, P. Vijayalakshmi, T. Nagarajan	Electronics and Communication Engineering	Circuits, systems and signal processing	2022	0278-081X	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-022-01971-2	Yes
479	"Chirp Group Delay based Onset Detection in Instruments with Fast Attack"	Johanan Joysingh S., P. Vijayalakshmi and T. Nagarajan	Electronics and Communication Engineering	Circuits, systems and signal processing	2022	0278-081X	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-022-02183-4	Yes
480	"Quartered Spectral Envelope and 1D-CNN-based Classification of Normally Phonated and Whispered Speech"	Johanan Joysingh S., P. Vijayalakshmi and T. Nagarajan	Electronics and Communication Engineering	Circuits, systems and signal processing	2022	0278-081X	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-022-02263-5	Yes
481	"Feature-weighted AdaBoost classifier for punctuation prediction in Tamil and Hindi NLP systems"	Mrinalini K, Vijayalakshmi P, Nagarajan T	Electronics and Communication Engineering	Expert systems	2021	0266-4720	https://onlinelibrary.wiley.com/toc/14680394/2021/0/0	https://onlinelibrary.wiley.com/doi/abs/10.1111/exsy.12889	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
482	Significant sensors and parameters in assessment of dysarthric speech	M. Dhanalakshmi, T. Nagarajan, P. Vijayalakshmi	Electronics and Communication Engineering	Sensor Review	2021	0260-2288	https://www.emeraldgrouppublishing.com/journal/sr	https://www.emerald.com/insight/content/doi/10.1108/SR-01-2021-0004/full/html?skipTracking=true	Yes
483	Multi-level single-channel speech enhancement using a unified framework for estimating magnitude and phase spectra	T. Lavanya, T. Nagarajan and P. Vijayalakshmi	Electronics and Communication Engineering	IEEE/ACM Transactions on Audio, Speech and Language Processing	2020	1941-0484	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4200690	https://ieeexplore.ieee.org/document/9064921	Yes
484	Data Augmentation using virtual microphone array synthesis and multi-resolution feature extraction for isolated word dysarthric speech recognition	Mariya Celin, T.A, Nagarajan T and P. Vijayalakshmi	Electronics and Communication Engineering	IEEE Journal of selected topics on signal processing	2020	1941-0484	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4200690	https://ieeexplore.ieee.org/document/8985317	Yes
485	Adaptive Multi-Band Filter Structure-based Far-End Speech Enhancement	M. P. Actlin Jeeva, T. Nagarajan, P. Vijayalakshmi	Electronics and Communication Engineering	IET Signal Processing	2020	1751-9683	https://digital-library.theiet.org/content/journals/iet-spr	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-spr.2019.0226	Yes
486	A Weighted Speaker-Specific Confusion Transducer Based Augmentative and Alternative Speech Communication Aid for Dysarthric Speakers	T. A. MariyaCelin, G. Anushiya Rachel, T. Nagarajan, P. Vijayalakshmi	Electronics and Communication Engineering	IEEE Transactions on Neural Systems and Rehabilitation Engineering	2019	1534-4320	https://www.embs.org/tnsre/	https://ieeexplore.ieee.org/document/8579178	Yes
487	Pause-Based Phrase Extraction and Effective OOV Handling for Low-Resource Machine Translation Systems	K. Mrinalini, T. Nagarajan, P. Vijayalakshmi	Electronics and Communication Engineering	ACM Transactions on Asian and Low Resource Language Information Processing	2019	2375-4699	https://dl.acm.org/journal/tallip	https://dl.acm.org/doi/10.1145/3265751	Yes

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488	Speech-Input Speech-Output Communication for Dysarthric Speakers Using HMM-Based Speech Recognition and Adaptive Synthesis System	M. Dhanalakshmi, T. A. MariyaCelin, T. Nagarajan, P. Vijayalakshmi	Electronics and Communication Engineering	Circuits, Systems and Signal Processing	2018	1531-5878	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-017-0567-9	Yes
489	A Multilingual to Polyglot Speech Synthesizer for Indian Languages Using a Voice-Converted Polyglot Speech Corpus	P. Vijayalakshmi, B. Ramani, M. P. ActlinJeeva, T. Nagarajan	Electronics and Communication Engineering	Circuits, Systems and Signal Processing	2018	1531-5878	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-017-0659-6	Yes
490	Significance of Differenced EGG Signal as a Spectrum in Phase-Difference Computation for the Estimation of Glottal Closure Instants	G. Anushiya Rachel, N. Sripriya, P. Vijayalakshmi, T. Nagarajan	Electronics and Communication Engineering	Circuits, Systems, and Signal Processing	2018	1531-5878	https://link.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-017-0654-y	Yes
491	Low Profile Multi-Polarization Diversity UWB Antenna for Body Centric Communications	K. Malathi, S. Padmathilagam, M. Gulam Nabi Alsath, M. Vikneshwaran, P. Sandeep Kumar, A. K. Shrivastav	Electronics and Communication Engineering	International Journal of Microwave and Wireless Technologies	2022	1759-0787	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/abs/low-profile-multipolarization-diversity-uwband-antenna-for-body-centric-communications/5C3FB9A2BD57FB6D59CE76F572EFC0FB	Yes
492	Miniaturized wideband 5G millimeter-wave antenna with two-port positioning analysis for vehicular communication	S. Shanmathi, K. Malathi, M. Gulam Nabi Alsath, Y. V. Ramana Rao, R. Shini, Jeevani WJ, D. N. Udwawala	Electronics and Communication Engineering	Applied Physics A	2022	1432-0630	https://link.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-022-05923-0	Yes

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493	Compact Uniform Folded Section Rat-Race Couplers with Harmonic Suppression	V. Chandra Prasad, S. Ramprabhu	Electronics and Communication Engineering	IETE Journal of Research	2022	0377-2063	https://www.tandfonline.com/journals/tijr20	https://www.tandfonline.com/doi/abs/10.1080/03772063.2022.2069163	Yes
494	An Efficient High-Powered Sulfamethaxazole Sensor Based on p–n Junction Heterostructures Using Nanostructured ZnO Thin Film and Graphene Oxide Sheets	P. Senthil Kumar, B. S. Sreeja, G. Padmalaya, Kungumaraj Krishna Kumar	Electronics and Communication Engineering	Industrial & Engineering Chemistry Research	2022	0888-5885	https://pubs.acs.org/journal/iecre	https://pubs.acs.org/doi/abs/10.1021/acs.iecr.2c01206	Yes
495	Strontium-supported erbium oxide nanoparticles for efficient organic pollutant degradation under UV–Visible light	K. Bhuvaneswari, B. S. Sreeja, S. Radha, P. Govindasamy, Palanivel Thangavelu, Vignesh Shanmugam, Elavarasan Nagaraj, Venkatesh Gopal, M. Srinivasan, P. Ramasamy	Electronics and Communication Engineering	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-08855-w	Yes
496	Investigation of Nafion coated GO-ZnO nanocomposite behaviour for sulfamethoxazole detection using cyclic voltammetry	P. Senthil Kumar, B. S. Sreeja, Kungumaraj Krishna Kumar, G. Padmalaya	Electronics and Communication Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522005099	Yes
497	On the Design and Performance Analysis of Flexible Planar Monopole Ultra-Wideband Antennas for Wearable Wireless Applications	T. Deepa, RS/SRM, T. Rama Rao, P. Sandeep Kumar, K. Malathi, M. Gulam Nabi Alsath, P. Devi Sowjanya	Electronics and Communication Engineering	International Journal of Antennas & Propagation	2022	1687-5869	https://www.hindawi.com/journals/ijap/	https://www.hindawi.com/journals/ijap/2022/5049173/	Yes
498	A Novel Low-Profile 5G MIMO Antenna for Vehicular Communication	K. Malathi, S. Shanmathi, M. Gulam Nabi Alsath, P. Sandeep Kumar	Electronics and Communication Engineering	International Journal of Antennas & Propagation	2022	1687-5869	https://www.hindawi.com/journals/ijap/	https://www.hindawi.com/journals/ijap/2022/9431221/	Yes

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499	Design of a seven-band perfect metamaterial absorber for THz sensing applications	R. Kalidoss	Electronics and Communication Engineering	PRAMANA-JOURNAL OF PHYSICS	2022	0304-4289	https://link.springer.com/journal/12043	https://link.springer.com/article/10.1007/s12043-022-02443-7	Yes
500	Honey Comb Structured Angularly Stable Band Stop Frequency Selective Surface Based on hexagonal loop unit cells	T. Dhakshinamoorthy, Prita Nair, S. Ramprabhu, S. Radha	Electronics and Communication Engineering	IETE Journal of Research	2022	0377-2063	https://www.tandfonline.com/journals/tijr20	https://www.tandfonline.com/doi/abs/10.1080/03772063.2022.2130450?tab=permissions&scroll=top	Yes
501	Terahertz seventeen-band metamaterial absorber based on sunflower-typed structure	. Elakkiya, K. A. Karthikeyan, E. ManikandanS. Radha	Electronics and Communication Engineering	Journal of Optoelectronics and Advanced Materials	2022	1454-4164	https://joam.inoe.ro/	https://joam.inoe.ro/articles/terahertz-seventeen-band-metamaterial-absorber-based-on-sunflower-typed-structure/	Yes
502	A Novel Miniaturized Band-Stop Frequency Selective Surface With Ultra-Wideband Characteristics	R. Shini, K. Malathi, M. Gulam Nabi Alsath	Electronics and Communication Engineering	Radio Science	2022	0048-6604	https://agupubs.onlinelibrary.wiley.com/journal/1944799x	https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2022RS007439	Yes
503	Bio-compatible piezoelectric material based wearable pressure sensor for smart textiles	J. Abanah Shirley, S. Esther Florence, B. S. Sreeja, S. Radha	Electronics and Communication Engineering	Smart Materials and Structures	2022	0964-1726	https://iopscience.iop.org	https://iopscience.iop.org/article/10.1088/1361-665X/ac9ffa	Yes
504	Defected Microstrip Structure-based Near-End and Far-End Crosstalk Mitigation in High-Speed PCBs for Mixed Signals	V. Yokesh, M. Gulam Nabi Alsath, K. Malathi	Electronics and Communication Engineering	MICROELECTRONICS INTERNATIONAL	2022	1356-5362	https://www.emerald.com	https://www.emerald.com/insight/content/doi/10.1108/MI-05-2022-0089/full/html	Yes
505	Experimental validation of TiO2 shielded ZnO nanorods synthesized via low temperature solution-based method for sewage system (Gas (CO and CH4) and acceleration sensing)	R. Kiruthika, S. Radha, S. Kirubaveni, V. Shyamala, G. Iyappan, R. Govindaraj	Electronics and Communication Engineering	Journal of Vibration Engineering & Technologies	2022	2523-3920	https://link.springer.com	https://link.springer.com/article/10.1007/s42417-022-00826-z	Yes

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506	Study of the morphological, structural and photophysical properties of surfactant modified nano-zero valent iron: electrochemical determination of metal ions and photocatalytic degradation of organic dye	K. Bhuvaneswari, S. Radha, B. S. Sreeja, G. Palanisamy, T. Pazhanivel	Electronics and Communication Engineering	Journal of Materials Science: Materials in Electronics	2023	0957-4522	https://www.springerprofessional.de	https://www.springerprofessional.de/en/study-of-the-morphological-structural-and-photophysical-property/23956002	Yes
507	Facile assembly of effective carbon quantum dots and multiwall carbon nanotubes supported MnO ₂ hybrid nanoparticles for enhanced photocatalytic and anticancer activity	K. Bhuvaneswari, B. S. Sreeja, S. Radha, J. Saranya, G. Palanisamy, M. Srinivasan, T. Pazhanivel	Electronics and Communication Engineering	Inorganic Chemistry Communications	2023	1387-7003	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/abs/pii/S1387700322010589	Yes
508	Development of Eco-Friendly TiO ₂ Doped ZnO Nanorods Based Dual Functional Sensor for the Sewage System Monitoring	R. Kiruthika, S. Radha, S. Kirubaveni	Electronics and Communication Engineering	IEEE Transactions on Nanotechnology	2023	1536125X	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7729	https://ieeexplore.ieee.org/document/9992092	Yes
509	Planar MIMO antenna for mmWave applications: Evolution, present status & future scope	B. G. Parveez Shariff, Pallavi R Mane, Pradeep Kumar, Tanweer Ali, M. Gulam Nabi Alsath	Electronics and Communication Engineering	Heliyon	2023	2405-8440	https://www.sciencedirect.com/journal/heliyon	https://www.sciencedirect.com/science/article/pii/S2405844023005698	Yes
510	Design, analysis and fabrication of solid polymer microneedle patch using CO ₂ laser and polymer molding	A. Gowthami, B. S. Sreeja, S. Radha	Electronics and Communication Engineering	Drug Delivery and Translational Research	2023	2190-393X	https://link.springer.com	https://link.springer.com/article/10.1007/s13346-023-01296-w	Yes
511	Effect of hollow microneedle geometry structure on mechanical stability and microfluidic flow for transdermal drug delivery applications	A. Gowthami, B. S. Sreeja, S. Radha	Electronics and Communication Engineering	Microfluidics and Nanofluidics	2023	1613-4982	https://link.springer.com	https://link.springer.com/article/10.1007/s10404-023-02636-5	Yes

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512	Development of in-situ electrochemical heavy metal ion sensor using integrated 1D/0D/1D hybrid by MWCNT and CQDs supported MnO ₂ nanomaterial	K. Bhuvaneswari, S. Radha, B. S. Sreeja, P. Senthil Kumar	Electronics and Communication Engineering	Environmental Research	2023	0013-9351	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/abs/pii/S0013935123003626	Yes
513	GO/ZnO nanocomposite - as transducer platform for electrochemical sensing towards environmental applications	P. Senthil Kumar, G. Padmalaya, N. Elavarasan, B. S. Sreeja	Electronics and Communication Engineering	Chemosphere	2023	0045-6535	https://www.sciencedirect.com	https://www.sciencedirect.com/science/article/abs/pii/S0045653522038383	Yes
514	Design and analysis of single layer Ku/K band integrated element reflectarray antenna	N. Kavitha, M. Gulam Nabi Alsath, S. Kirubaveni	Electronics and Communication Engineering	INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES	2023	1759-0787	https://www.cambridge.org	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/abs/design-and-analysis-of-single-layer-ku-band-integrated-element-reflectarray-antenna/B69E7D54F1B87AE660D7585CB7A73E9	Yes
515	Low Specific Absorption Rate Quad-Port Multiple-Input-Multiple-Output Limber Antenna Integrated with Flexible Frequency Selective Surface for WBAN Applications	Thennarasi G, Sandeep Kumar P, Malathi K, Sachin Kumar, Alsath, M.G.N	Electronics and Communication Engineering	Flexible and Printed Electronics	2023	2058-8585	https://iopscience.iop.org	https://iopscience.iop.org/article/10.1088/2058-8585/acc25c	Yes

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516	A Four-Port Wideband Filtering Monopole MIMO Array for Sub-6 GHz 5G Communications	Vijithra, J., Alsath, M.G.N., Sangeetha, S	Electronics and Communication Engineering	INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES	2023	1759-0787	https://www.cambridge.org	https://www.cambridge.org/core/journals/international-journal-of-microwave-and-wireless-technologies/article/abs/fourport-wideband-filtering-monopole-mimo-array-for-sub6-ghz-5g-communications/FFA822BEFBC0F8D3BD4B55E78A1BCA67	Yes
517	A Novel Filtering Monopole Antenna for 5G Communications	Vijithra, J. A; Alsath, M.G.N	Electronics and Communication Engineering	COMPEL - International Journal for Computation and Mathematics in Electrical and Electronic Engineering	2023	0332-1649	https://www.emerald.com	https://www.emerald.com/insight/content/doi/10.1108/COMPEL-12-2022-0435/full/html	Yes
518	Optically Transparent MIMO Antenna with Polarization Diversity for Vehicular Communications	Alsath, M.G.N; Potti, D.; Kirubaveni, S.; Indhu R	Electronics and Communication Engineering	International Journal of Electronics	2023	0020-7217	https://hal.science/	https://hal.science/hal-04068298/	Yes
519	Development of Bandwidth Enhanced X-Ku Band Reflectarray Antenna Using a Novel Design Strategy	Kavitha, N; Alsath, M.G.N; Karthie, S	Electronics and Communication Engineering	International Journal of Communication Systems	2023	1074-5351	https://onlinelibrary.wiley.com	https://onlinelibrary.wiley.com/doi/10.1002/dac.5552?af=R	Yes

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520	Characteristics Mode Analysis-Inspired Compact UWB Antenna with WLAN and X-Band Notch Features for Wireless Applications	Praveen Kumar, Manohara Pai MM, Pradeep Kumar, Tanweer Ali, M. Gulam Nabi Alsath, S. Vidhyashree	Electronics and Communication Engineering	Journal of Sensor and Actuator Networks	2023	2224-2708	https://www.mdpi.com	https://www.mdpi.com/2224-2708/12/3/37	Yes
521	Development of Eco-Friendly TiO2 Doped ZnO Nanorods Based Dual Functional Sensor for the Sewage System Monitoring	R. Kiruthika, S. Radha, S. Kirubaveni	Electronics and Communication Engineering	IEEE Transactions on Nanotechnology	2023	1536125X	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/document/9992092	Yes
522	Low-Profile Polymer Composite Radar Absorber Embedded with Frequency Selective Surface	L. B. Thamil Amudhu, R. Vimal Samsingh, S. Esther Florence, B. Sakthi Abirami	Electronics and Communication Engineering	IEEE Transactions on Components, Packaging and Manufacturing Technology	2023	2156-3950	https://ieeexplore.ieee.org	https://ieeexplore.ieee.org/document/10070892	Yes
523	Pixel Intensity Resemblance Measurement and Deep Learning Based Computer Vision Model for Crack Detection and Analysis	P. Nirmala, R. Kishore, J. Florence Gnana Poovathy, Yeshwant Santhanakrishnan Premanand, Sanjeeve Raveenthiran Mallichetty, Pramod Kumar	Electronics and Communication Engineering	Sensors	2023	1424-8220	https://www.mdpi.com	https://www.mdpi.com/1424-8220/23/6/2954	Yes
524	Novel radar absorbing material using resistive frequency selective surface based polymer composites for enhanced broadband microwave absorption	Amudhu LBT, Samsingh R Vimal, Florence S Esther, Abirami B Sakthi.	Electronics and Communication Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2023	1464-4207	https://journals.sagepub.com	https://journals.sagepub.com/doi/abs/10.1177/14644207231169362	Yes
525	Optical Character Recognition for Printed Tamizhi Documents using Deep Neural Networks	Monisha M. and V.S. Felix Enigo	Computer Science and Engineering	DESIDOC Journal of Library and Information Technology	2022	0011-748X	https://publications.drdo.gov.in/ojs/index.php/djlit	DOI:10.14429/djlit.42.4.17742	Yes

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526	Improvisation of Dataset Efficiency in Visual Question Answering Domain	Sheerin Sitara Noor Mohamed and Kavitha Srinivasan	Computer Science and Engineering	Statistics and Applications Journal	2022	2454-7395	https://ssca.org.in/journal.html	https://www.ssca.org.in/media/20_SA6582021_SA_01112022_Kavitha_S.pdf	Yes
527	Classification of skin cancer from dermoscopic images using deep neural network architectures	S.M.Jaisakthi, P.Mirunalini, Aravindan Chandrabose, Appavu Rajagopal	Computer Science and Engineering	Multimedia Tools and Applications	2022	1380-7501	https://pubmed.ncbi.nlm.nih.gov/36250184/	DOI: 10.1007/s11042-022-13847-3	Yes
528	A Novel Generalized Handwritten Character Recognition Model using Few-Shot Learning	Prabavathy Balasundaram, Lekshmi Kalinathan, Sushaanth Srinivasan, Sharvesh Shankar and W Angeline Hilda	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	0976 – 0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue75/ISSUE%2075%20DECEMBER%202022%20-%20FULL%20TEXT%20PART%2001.pdf	Yes
529	An Improved Face Recognition Model for Image-based Attendance System	Prabavathy Balasundaram-Lekshmi Kalinathan, Anu Lekshmi	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	50307-50316	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue75/ISSUE%2075%20DECEMBER%202022%20-%20FULL%20TEXT%20PART%2001.pdf	Yes
530	Crop Quality Prediction using Image Processing	Ujjwel Balwal, Angel Deborah S, Rajalakshmi S and Saritha M	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue75/ISSUE%2075%20DECEMBER%202022%20-%20FULL%20TEXT%20PART%2002.pdf	Yes

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531	Pulmonary Nodule Detection Using Deep Learning Technique	D.Venkata Vara Prasad, Lokeswari Y Venkataramana, Suresh Jaganathan	Computer Science and Engineering	Neuroquantology	2022	1303-5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/open-access/Pulmonary+Nodule+Detection+Using+Deep++Learning+Technique_9668/	Yes
532	Segmentation of Multiple Nuclei from Non-overlapping Immuno-histochemically Stained Histological Hepatic Images	Lekshmi Kalinathan, Ruba Soundar Kathavarayan	Computer Science and Engineering	Journal of Digital Imaging	2022		https://www.springer.com/journal/10278	https://doi.org/10.1007/s10278-022-00688-7	Yes
533	Enforcing a Source-end Cooperative Multilevel Defense Mechanism to Counter Flooding Attack	Shunmuganathan Saraswathi	Computer Science and Engineering		2023	0267-6192	https://www.techscience.com/	https://doi.org/10.32604/csse.2023.023858	Yes
534	IoT based System for Sewage Overflow Prevention using Heterogeneous Communication Networks	R.Kanchana, T.T.Mirnalinee and V.S.Felix Enigo	Computer Science and Engineering	Asian Journal of Water, Environment and Pollution	2023	0972-9860	https://www.iospress.com/catalog/journals/asian-journal-of-water-environment-and-pollution	https://doi.org/10.3233/aiw230005	Yes
535	Real Time Indian Sign Language Detection using LSTM and Keypoint Extraction	Ezhil Tharsan S., Dharshan S., Dinesh G. and Saraswathi S	Computer Science and Engineering	International Journal of Computer Applications	2022	0975 - 8887	https://www.ijcaonline.org/	https://www.ijcaonline.org/archives/volume184/number21/32438-32438-2022922235	No
536	SolarPanel Dual Management System	Anandh Krushna S K, Deepananth K, Praveen Kumar S, Nithish Bharathwaj K R, Lekshmi Kalinathan, Nagarajan K K	Computer Science and Engineering	International Journal of Advanced Research in Management, Architecture, Technology and Engineering	2022	2454-9762	https://www.ijarmate.com/	10.20256/IJARMATE.2022.0807002	No

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
537	Android X-Ray - A system for Malware Detection in Android apps using Dynamic Analysis	Dakshinamoorthy Karthikeyan, Chamundeswari Arumugam Arun Sivakumar,	Computer Science and Engineering	WSEAS Transactions on Information Science and Applications	2022	1790-0832	https://wseas.org/cms.action?id=4046	DOI: 10.37394/23209.2022.19.27	Yes
538	Enhancing GraphQL Data Fetching Technique	Chaithanya A, Hariharan R, Harishkumar S, Prabavathy B	Computer Science and Engineering	International Journal of Computer Applications	2022	0975 - 8887	https://www.ijcaonline.org/	https://www.ijcaonline.org/archives/volume184/number20/	No
539	Forensic face image generation and recognition	Adithya Vikram, R. Priyadharsini, Adithya VIKRAM, Anusha CHANDRASEKARAN, S. K. SRINITHYEE	Computer Science and Engineering	Romanian Journal of Information Technology and Automatic Control	2022	1220-1758	https://rria.ici.ro/	http://dx.doi.org/10.33436/v32i3y202207	Yes
540	Outcome Prediction for One Day International Cricket Matches	R. Priyadharsini, Sharath Chander Pugazhenthii , Shivaani Krishnakumar and Soundarya Jayakumar	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	0976 – 0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue74/ISSUE%2074%20OCTOBER%202022%20-%20FULL%20TEXT%20PART%20%2001.pdf	Yes
541	Localization of Number Plate using Deep Learning Models	Praveenkumar R, Mirunalini. P , Mirnalinee.T.T	Computer Science and Engineering	International Journal of Natural Science	2022	2221-1020	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue74/ISSUE%2074%20OCTOBER%202022%20-%20FULL%20TEXT%20PART%20%2001.pdf	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
542	Automatic Forest Fire Detection using Drones and Deep LearningTechniques	Ms. S. Rajalakshmi, Ujjwel Balwal, Rajalakshmi S, Angel Deborah S and Saritha M, Varshini Balaji, Sivakami S	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue74/ISSUE%2074%20OCTOBER%202022%20-%20FULL%20TEXT%20PART%20%2001.pdf	Yes
543	Automated Vehicular Accident Detection and Notification System	Kavithasri A, Saritha M, Rajalakshmi S and Angel Deborah S, Aishvarya S	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue74/ISSUE%2074%20OCTOBER%202022%20-%20FULL%20TEXT%20PART%20%2002.pdf	Yes
544	Stock Price Prediction Using Statistical and Machine Learning Techniques	Srinivas Gumparti, D.Venkata vara Prasad	Computer Science and Engineering	NeuroQuantology, Vol 20(10)	2022	1303-5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/open-access/Stock+Price+Prediction+Using+Statistical+and++Machine+Learning+Techniques_8368/	Yes
545	Multi-species Fish Identification using Hybrid DeepCNN with Refined Squeeze and Excitation Architecture	S.V.Jansi Rani, Nivedhitha .P	Computer Science and Engineering	Aquatic Sciences and Engineering	2022	2602-473X	https://iupressistanbul.edu.tr/en/journal/ase/home	https://doi.org/10.26650/ASE20221163202	Yes
546	Intelligent short term traffic forecasting using deep learning models with BaYesian contextual hyperband tuning	Lakshmi Priya S, Suresh Jaganathan	Computer Science and Engineering	Computational Intelligence	2022	1467-8640	https://onlinelibrary.wiley.com/journal/14678640	https://onlinelibrary.wiley.com/doi/10.1111/coin.12554	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
547	Efficient generative transfer learning framework for the detection of COVID-19	Bhuvana J, T. T. Mirnalinee, B. Bharathi, Infant Sneha	Computer Science and Engineering	Computer Science and Information Systems (ComSIS)	2022	2406-1018	http://www.comsis.org/	https://doi.org/10.2298/CSIS220207033B	Yes
548	Anti-Shoulder Surfing Graphical Password Authentication System	Balasubramanian V, Vignesh Balaji S, Supraja S, Sumon Kumar, Thejas N, Shruthi D, Shri Keshavinee R	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	0976 – 0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue76/ISSUE%2076%20FEBRUARY%202023%20-%20FULL%20TEXT%20PART%20%2001.pdf	Yes
549	Learning behaviour analysis of online course learners using EEG and facial expression data	S. Kavitha, G. Raghuraman, A. Kavithasri, S. Aishvarya, B. Janani	Computer Science and Engineering	Measurement: Sensors	2023	2665-9174	https://www.sciencedirect.com/journal/measurement-sensors	https://doi.org/10.1016/j.measen.2023.100669	Yes
550	Comprehensive Interpretation for Medical VQA: Datasets, Techniques, and Challenges	Kavitha Srinivasan, -, Sheerin Sitara Noor Mohamed	Computer Science and Engineering	Journal of Intelligent & Fuzzy Systems	2023	1875-8967	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs222569	Yes
551	Detection of DDoS attacks in D2D communications using machine learning approach	S.V. Jansi Rani, Prabagarane Nagaradjane, Sai Charan, Sai Prakash, Niel Parekh, Iacovos Ioannou, Christophoros Christophorou, Vasos Vassiliou, Andreas Pitsillides,	Computer Science and Engineering	Computer Communications	2023	0140-3664	https://www.sciencedirect.com/journal/computer-communications	https://doi.org/10.1016/j.comcom.2022.11.013	Yes
552	Smart air pollution monitoring system	Madheswari K, Saraswathi S, Lokeswari Y.V, K.K.Nagarajan, Aswatha S, Deepika R, Dharu Piraba M, Dhaneesh V.P	Computer Science and Engineering	Global NEST Journal	2023	1790-7632	https://journal.gnest.org/	https://doi.org/10.30955/gni.004396	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
553	A Study and Review of Classical, Machine Learning and Deep Learning Methods of Software Reliability Estimation for Safety-Critical Systems	Seyezhai Ramalingam, Muthuselvan N.B, Bhuvana J	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	0976 – 0997	www.tnsroindia.org.in	https://tnsroindia.org.in/JOURNAL/issue76/ISSUE%2076%20FEBRUARY%202023%20-%20FRONT%20PAGE%2001.pdf	Yes
554	Automated Carcinoma Classification Using Efficient Nuclei-based Patch Selection and Deep Learning Techniques	Dhivya, S., Mohanavalli, S and Kavitha, S	Computer Science and Engineering	Journal of Intelligent & Fuzzy Systems	2023	1875 8967	10.3233/JIFS-222136	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs222136	Yes
555	Smart Home Security System and Liveness Detection using Convolutional Neural Networks	VLKM Amith Kumar N, Satheesh Kumar.G.R , Sreedhar.V , Surya.S.S , S.Saraswathi	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	0976 – 0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue75/ISSUE%2075%20DECEMBER%202022%20-%20FULL%20TEXT%20PART%2002.pdf (page 890)	Yes
556	Classification of COVID-19 from tuberculosis and pneumonia using deep learning techniques	Lokeswari Y Venkataramana , Venkata Vara Prasad D S. Saraswathi, C. M. Mithumary, R. Karthikeyan,N. Monika	Computer Science and Engineering	Medical & Biological Engineering & Computing, Springer	2022	0140-0118	https://www.springer.com/journal/11517	https://link.springer.com/article/10.1007/s11517-022-02632-x	Yes
557	Visual Scene Understanding for Self-Driving Vehicles using Mask RCNN	R.Srijith, H.K.Vishal and A.Beulah	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	0976-0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue77/ISSUE%2077%20APRIL%202023%20-%20FULL%20TEXT%20PART%2002.pdf	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
558	NLP Approach for Recognizing Alzheimer's Dementia from Spontaneous Speech	S. Saranya, B. Bharathi	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	0976-0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue77/ISSUE%2077%20APRIL%202023%20-%20FULL%20TEXT%20PART%2001.pdf	Yes
559	Blockchain based system for transfer of funds through an e-Governance application	Jansi Rani S V, Yamini L, Shivanni K, Radha N	Computer Science and Engineering	Romanian Journal of Information Technology and Automatic Control	2022	1220-1758	https://rria.ici.ro/	https://doi.org/10.33436/v32i4y202208	Yes
560	A deep learning approach for nucleus segmentation and tumor classification from lung histopathological images	Jaisakthi, S.M., Desingu, K., Mirunalini. P	Computer Science and Engineering	<i>Network Modeling Analysis and Health Informatics Bioinformatics</i>	2023		https://www.springer.com/journal/13721	https://doi.org/10.1007/s13721-023-00417-2	Yes
561	Plant Disease Detection using Transfer Learning in Precision Agriculture	S.V.Jansi Rani	Computer Science and Engineering	Ambient Science	2022	2348 5191	https://www.caves.res.in/	doi:10.21276/ambi.2022.09.3.ta02	Yes
562	An Overview of Chatbots using ML Algorithms in Agricultural Domain	K., Pravinkrishnan & Balasundaram, Prabavathy & Kalinathan, Lekshmi	Computer Science and Engineering	International Journal of Computer Applications	2022	0975 8887	https://www.ijcaonline.org/	10.5120/ijca2022922082	Yes
563	Multi Object Detection and Classification in Solid waste management using Region Proposal Network and YOLO model	S.V.Jansi Rani, Raghu Raman V and Rahu Ram	Computer Science and Engineering	Global Nest Journal	2022	1790 7632	https://journal.gnest.org/	https://journal.gnest.org/publication/gnest_04501	Yes
564	Analysis of player tracking data extracted from football match feed	Swetha Saseendran, Sathish Prasad Vetrivel Thanalakshmi, Swetha Prabakaran, Dr. R. Priyadharsini	Computer Science and Engineering	Romanian Journal of Information Technology and Automatic Control	2023	1220-1758	https://rria.ici.ro/en/	https://journals.indexcopernicus.com/api/file/viewByFileId/1766112	Yes

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565	A Benchmark to ensure End-to-End Exactly-Once-Semantics in Stream Processing	Kanchana Rajaram V. Dayanidhi Harikrishnan Srikrishnan P. Aadithyan	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	0976 0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue78/ISSUE%2078%20JUNE%202023%20-%20FULL%20TEXT%20PART%2002.pdf	Yes
566	Federated Learning Framework for IID and Non-IID datasets of Medical Images	Kavitha Srinivasasn, Sainath Prasanna, Rohit Midha & Shraddha Mohan	Computer Science and Engineering	EMITTER International Journal of Engineering Technology	2023	2443 1168	https://emitter.pens.ac.id/index.php/emitter	https://emitter.pens.ac.id/index.php/emitter/article/view/742	Yes
567	Convolutional neural network based children recognition system using contactless Fingerprints	Kanchana Rajaram, N.G. Bhuvaneswari Amma, S. Selvakumar.	Computer Science and Engineering	International Journal of Information Technology	2023	2511-2112	https://www.springer.com/journal/41870	https://doi.org/10.1007/s41870-023-01306-7	Yes
568	epulse: A Novel Scalable Serverless Framework for Vehicle Telematics using Microsoft Azure Cloud Service	Prabavathy BALASUNDARAM, Vishnu K. KRISHNAN, Vrishin VIGNESHWAR, Suraj JAIN	Computer Science and Engineering	Romanian Journal of Information Technology and Automatic Control,	2023	1220-1758	https://rria.ici.ro/en/	https://doi.org/10.33436/v33i2y202302	Yes
569	Evaluating Market Trends: Utilizing RSI using Machine learning for Improved Investment Decisions	Srinivas Gumparti, D.Venkata vara Prasad,Vaseekaran, Vignesh	Computer Science and Engineering	Novyi Mir	2023	0130-7673	https://novyimir.net/	https://drive.google.com/file/d/1jfbCRs_32QYPJQXNp3Z4VEffjwuN7nPx/view	Yes
570	Toward a unified and secure approach for extraction of forensic digital evidence from an IoT device	Kapilan K A G, Chamundeswari Arumugam	Computer Science and Engineering	Int. Journal Information Security	2023	1615-5262	https://doi.org/10.1007/s10207-022-00645-z	https://link.springer.com/content/pdf/10.1007/s10207-022-00645-z.pdf?pdf=button	Yes
571	Smart Parking System with Dynamic Pricing Model	G Raghuraman, S Kavitha, Nitish Gokulakrishnan, Santosh Radhakrishnan, Pranav Ramakrishnan	Computer Science and Engineering	Indian Journal of Science and Technology	2023	0974-5645	https://indist.org/	https://doi.org/10.17485/IJST/v16i18.2489	Yes

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572	An Improved Face Recognition Model for Image-based Attendance System	Prabavathy Balasundaram, Lekshmi Kalinathan, Anu Lekshmi	Computer Science and Engineering	Indian Journal of Natural Sciences	2022	0976 – 0997	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue75/ISSUE%2075%20DECEMBER%202022%20-%20FULL%20TEXT%20PART%2001.pdf	Yes
573	Human Facial Emotion Recognition using Deep Neural Networks	Benisha S, Mirnalinee TT	Computer Science and Engineering	The International Arab Journal of Information Technology	2023	1683-3198	https://www.iajit.org/	https://www.iajit.org/paper/4814/Human-Facial-Emotion-Recognition-using-Deep-Neural-Networks	Yes
574	Sentiment Analysis on Reviews Using Word Embedding and Ratings	Abinash N, Lekshmi Kalinathan, Raghavesh DB, Kirthika R, Hemanth Kumar K M, Praveen M, Nestor Ingarshal J and Prabavathy Balasundaram	Computer Science and Engineering	NeuraQuantology	2023	1303 5150	https://www.neuroquantology.com/	https://www.neuroquantology.com/open-access/Sentiment+Analysis+on+Reviews+Using+Word+Embedding+and+Ratings_11818/	Yes
575	Automated deep learning based network for detecting Covid-19 from lung CT scan	Suresh J, Venkata vara Praad, Sudarshanan S	Computer Science and Engineering	Journal of pharmaceutical negative results	2023	0976-9234	https://www.pnrjournal.com/index.php/home	https://www.pnrjournal.com/index.php/home/article/view/7648	Yes
576	LocateMyBus: IoT-Driven Smart Bus Transit	Karthik Desingu, Daniel Mark Isaac, Mirunalini P., Bharathi B, and Cherry Mathew Philipose,	Computer Science and Engineering	Journal of Communications Software and Systems	2023	2022-0143	https://jcomss.fesb.unist.hr/index.php/jcomss	https://jcoms.fesb.unist.hr/10.24138/jcomss-2022-0143/#	Yes
577	Automated Carcinoma Classification Using Efficient Nuclei-based Patch Selection and Deep Learning Techniques	Dhivya, S., Mohanavalli, S and Kavitha, S	Computer Science and Engineering	Journal of Intelligent & Fuzzy Systems	2023	1875-8967	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	https://content.iospress.com/articles/journal-of-intelligent-and-fuzzy-systems/ifs222136	Yes

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578	Data Set Creation and Empirical Analysis for Detecting Signs of Depression from Social Media Postings	Kayalvizhi Sampath and Thenmozhi Durairaj	Computer Science and Engineering		2022	136-151	https://arxiv.org/abs/2202.03047	https://arxiv.org/pdf/2202.03047.pdf	Yes
579	A Model for Diagnosing Autism Patients Using Spatial and Statistical Measures Using rs-fMRI and sMRI by Adopting Graphical Neural Networks	Kiruthiga Manikantan, and Suresh Jaganathan	Computer Science and Engineering	Diagnostics	2022	13061143	https://www.mdpi.com/2075-4418/13/6/1143	https://www.mdpi.com/2075-4418/13/6/1143#	Yes
580	"iLEDGER: A lightweight blockchain framework with new consensus method for IoT application"	Veeramani Karthika and Suresh Jaganathan	Computer Science and Engineering	IEICE TRANSACTIONS on Fundamentals of Electronics	2022	9168524	https://www.jstage.iist.go.jp/article/transfun/advpub/0/advpub_2022EAP1088/article/-char/en	https://doi.org/10.1587/transfun.2022EAP1088	Yes
581	A Study on Self-Supervised Learning based Feature Generalization	Divya J C, Mirnalinee T T, Bhuvana J	Computer Science and Engineering	Indian Journal of Natural Sciences	2023	56755 – 56762	https://tnsroindia.org.in/journals.html	https://tnsroindia.org.in/JOURNAL/issue78/ISSUE%2078%20JUNE%202023%20-%20FULL%20TEXT%20PART%2001.pdf	Yes
582	Selective wakeup for parallel forward engines under variable load towards energy conservation in IP routers, Wiley Concurrency and Computation Journal	H.Shahul Hamead, T.T.Mirnalinee and D.kavipriya	Computer Science and Engineering	Wiley Concurrency and Computation Journal	2023	56755 – 56762	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7881	https://doi.org/10.1002/cpe.7881	Yes
583	Efficient Human Activity Monitoring Using Feature Based Deep Learning Techniques	D. Thenmozhi, Kalaivani A., Kabilasudhan N. C., Rajeshwaran J., Pratyush Nepal	Computer Science and Engineering	Lampyrid Journal	2023	2041-4900	https://www.lampyridjournal.com/index.php/journal	https://www.lampyridjournal.com/index.php/journal/article/view/109	Yes

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584	Chatbot for Educational Institution	D. Thenmozhi, Kalaivani A, Manickam L, Aadithya Hariharan A N	Computer Science and Engineering	BIOGECKO journal	2023	2230-5807	https://biogecko.co.nz/index.php/journal	https://biogecko.co.nz/index.php/journal/v12_i3	Yes
585	An approach to Plant Disease Detection using Deep Learning Techniques	J. Bhuvana, T.T. Mirnalinee	Computer Science and Engineering	Revista ITECKNE	2022	1692-1798	REVISTA ITECKNE	https://doi.org/10.15332/iteckne.v18i2.2615	Yes
586	Melanoma Skin Cancer Recognition and Classification Using Deep Hybrid Learning	Jansi Rani Sella Veluswami, M. Ezhil Prasanth, K. Harini, and U. Ajaykumar	Computer Science and Engineering	Journal of Medical Imaging and Health Informatics	2021	2156-7018	http://www.aspbs.com/jmihi.html	doi.org/10.1166/jmihi.2021.3898	Yes
587	Human Wildlife Conflict Reduction Technology using YOLO Machine Learning Model	S.V.Jansi Rani	Computer Science and Engineering	International Journal of Natural Sciences	2022	0976 – 0997	https://tnsroindia.org.in/journals.html		Yes
588	Automated weed detection system in smart farming for developing sustainable agriculture	S. V. Jansi Rani ¹ , P. Senthil Kumar, R. Priyadharsini, S. Jahnvi Srividya, S. Harshana	Computer Science and Engineering	International Journal of Environmental Science and Technology	2021	1735-1472	https://www.springer.com/journal/13762	https://doi.org/10.1007/s13762-021-03606-6	Yes
589	Fish species recognition using transfer learning techniques	Jaisakthi Seetharani Murugaiyan, Mirunalini Palaniappan, Thenmozhi Durairaj	Computer Science and Engineering	International Journal of Advances in Intelligent Informatics	2021	2442-6571	https://ijain.org/index.php/IJAIN	https://ijain.org/index.php/IJAIN/article/view/610	Yes
590	Polarity classification of social media feeds using incremental learning - A Deep Learning Approach	Suresh Jaganathan and Sathya Madhusudhana	Computer Science and Engineering	IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences	2021	1745-1337	https://search.ieice.org/bin/index.php?category=A&lang=E&curr=1	https://search.ieice.org/bin/summary.php?id=e105-a_3_584	Yes

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591	Hope Speech Detection for Dravidian Languages Using Cross-Lingual Embeddings with Stacked Encoder Architecture	Arunima Sundar, Akshay Ramakrishnan, Avantika Balaji, Thenmozhi Durairaj	Computer Science and Engineering	SN Computer Science	2021	2661-8907	https://www.springer.com/journal/42979/	https://link.springer.com/article/10.1007/s42979-021-00943-8	Yes
592	Underwater Acoustic Image Denoising Using Stationary Wavelet Transform And Various Shrinkage Functions	R. Priyadharsini, T. Sree Sharmila	Computer Science and Engineering	Electronic Letters on Computer Vision and Image Analysis	2021	1577-5097	https://elcvia.cvc.uab.es/	http://dx.doi.org/10.5565/rev/elcvia.1360	Yes
593	Generative and Discriminative Modelling of Linear Energy Sub-bands for Spoof Detection in Speaker Verification Systems	Suvidha Rupesh kumar, B. Bharathi,	Computer Science and Engineering	Circuits Systems and Signal Processing	2022	0278-081X	https://www.springer.com/journal/34	https://doi.org/10.1007/s00034-022-01957-0	Yes
594	Contextual emotion detection on text using gaussian process and tree based classifiers	S Angel Deborah, R S Milton, T T Mirnalinee, S Rajalakshmi	Computer Science and Engineering	Intelligent Data Analysis	2022	1088-467X	https://www.iospress.com/catalog/journals/intelligent-data-analysis	10.3233/IDA-205587	Yes
595	A Reliable Lightweight Two Factor Mutual Authenticated Session Key Agreement Protocol for Multi-Server Environment	Saraswathi Shunmuganathan	Computer Science and Engineering	Wireless Personal Communications	2021	0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-08850-0	Yes
596	A Hybrid Image Enhancement Algorithm for Effective Concrete Surface Crack Classification	Sheerin Sitara Noor Mohamed and Kavitha Srinivasan	Computer Science and Engineering	Journal of University of Shanghai for Science and Technology	2021	1007-6735	https://miar.ub.edu/issn/1007-6735	http://dx.doi.org/10.51201/JUSST/21/09659	Yes
597	Improving Water Quality Assessment through Anomaly Detection Using Hybrid Convolutional Neural Network Approach	Jansi Rani S V, A. M. Ramakrishnan, and K. Rishivardhan	Computer Science and Engineering	Global NEST Journal	2022	1790-7632	https://journal.gnest.org/	https://doi.org/10.30955/gnj.003923	Yes

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598	Analysis and prediction of water quality using deep learning and auto deep learning techniques	Venkata Vara Prasad D , Lokeswari Y Venkataramana , P. Senthil Kumar , Prasannamedha G , Harshana. , Jahnvi Srividya, Harrinee, Sravya Indraganti	Computer Science and Engineering	Science of the Total Environment	2022	1879-1026	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S004896972200403X	Yes
599	BaYesian approach to incremental batch learning on forest cover sensor data for multiclass classification	Venkata Vara Prasad D , Lokeswari Y Venkataramana , Saraswati S, Sarah Mathew and Snigdha V	Computer Science and Engineering	Concurrent Engineering: Research and Applications	2021	1531-2003	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S004896972200403X	Yes
600	Automating water quality analysis using ML and AutoML Technique	Venkata Vara Prasad D , P. Senthil Kumar , Lokeswari Y Venkataramana , Prasannamedha G , Harshana. , Jahnvi Srividya, Harrinee, Sravya Indraganti	Computer Science and Engineering	Environmental Research	2021	1096-0953	https://www.sciencedirect.com/journal/environmental-research	https://www.sciencedirect.com/science/article/abs/pii/S0013935121010148	Yes
601	Prediction of Stock Prices Using Statistical and Machine Learning Models: A Comparative Analysis	Venkata Vara Prasad D , Srinivas Gumparthi, Lokeswari Y Venkataramana , S Srinethe, R M Sruthi Sree and K Nishanthi	Computer Science and Engineering	The Computer Journal	2021	1460-2067	https://academic.oup.com/comjnl/login=false	https://academic.oup.com/comjnl/article-abstract/65/5/1338/6317640?redirectedFrom=fulltext	Yes

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602	PRELCaP : Precedence Retrieval from Legal Documents Using Catch Phrases	Kayalvizhi Sampath and Thenmozhi Durairaj	Computer Science and Engineering	Neural Processing Letters	2022	1573-773X	https://www.springer.com/journal/11063	https://link.springer.com/article/10.1007/s11063-022-10791-z#:~:text=in%20every%20case-,In%20this%20paper%2C%20PRELCaP%20is%20proposed%20in%20which%20the%20prior,extracted%20using%20deep%20neural%20networks.	Yes
603	Smart wearable model for predicting heart disease using machine learning	Jansi Rani, S.V., Chandran, K.R.S., Ranganathan A. et al	Computer Science and Engineering	Journal of Ambient Intelligence and Humanized Computing	2022	1868-5137	https://www.springer.com/journal/112652	https://doi.org/10.1007/s12652-022-03823-y	Yes
604	Improving throughput of transmission control protocol using cross layer approach	J. Rani Sella Veluswami	Computer Science and Engineering	Computers Systems Science and Engineering	2022	-	https://www.techscience.com/	https://www.techscience.com/csse/v43n3/47675	No
605	Resume screening and recommendation system using machine learning approaches	B. Bharathi, Lokesh. S, Mano Balaje. S, Prathish. E	Computer Science and Engineering	Computer science and Engineering: An International Journal	2022	2231-329X	https://airccse.org/journal/cseij/index.html	10.5121/cseij.2022.12101	Yes
606	Personalized Recommender System Using Sentiment and Emotion Analysis from Tweets	K. Lekshmi, Swetha Sri T S, Sharon Julia S, and Yamuna M	Computer Science and Engineering	International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications	2022	2456-8805	https://www.ijarid-ea.com/	-	No

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
607	A new multi-stream approach using acoustic and visual features for robust speech recognition system	Radha, N., Shahina, A., Khan, A. N., & Velusami, J. R. S.	Computer Science and Engineering	Materials Today: Proceedings	2022	-	https://www.sciencedirect.com/journal/materials-today-proceedings	2214-7853	Yes
608	Secure and Dynamic Multi-Keyword Ranked Search	M. Ambika, Mangayarkarasi N., Raghuraman G, L. Sai Ramesh, and Kamalanathan Selvakumar	Computer Science and Engineering	International Journal of Operations Research and Information Systems	2021	2319-7064	https://www.igi-global.com/journal/international-journal-operations-research-information/1141	https://www.igi-global.com/article/secure-and-dynamic-multi-keyword-ranked-search/277586	Yes
609	Data Augmented Incremental Learning (DAIL) for Unsupervised Data	Sathya Madhusudhanan, Suresh Jaganathan	Computer Science and Engineering	IEICE Transactions on Information and Systems	2022	1745-1361	https://search.ieice.org/bin/index.php?category=D&lang=E&curr=1		Yes
610	End-to-End Machine Learning Pipeline for real-time network traffic classification and monitoring in Android Automotive	V. Balasubramanian, Sriram M, A Susmitha Raam, B Vignesh	Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering	2022	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/download/volume-11-issue-7/	No
611	An Efficient Edge Preserving Interpolation Method for Underwater Acoustic Image Resolution Enhancement	Priyadharsini, R., and T. Sree Sharmila	Computer Science and Engineering	Archives of Acoustics	2022	0137-5075	https://journals.pan.pl/aoa/141954	https://acoustics.ipp.t.gov.pl/index.php/aa/article/view/3191/pdf_618	Yes
612	Adaptive Learning Based Whale Optimization and Convolutional Neural Network Algorithm for Distributed Denial of Service Attack Detection in Software Defined Network Environment	S Renuka Devi , L Shyamala, S Saraswathi	Computer Science and Engineering	International Journal on Recent and Innovation Trends in Computing and Communication	2022	2321-8169	https://www.ijritcc.org/index.php/ijritcc/index	https://doi.org/10.17762/ijritcc.v10i6.5557	Yes

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613	Nuclei detection in hepatocellular carcinoma and dysplastic liver nodules in histopathology images using bootstrap regression	Lekshmi Kalinathan, Ruba Soundar Kathavarayan, Madheswari Kanmani and Nagendram Dinakaran	Computer Science and Engineering	Histol Histopathol	2021	-	https://europepmc.org/article/MED/32691405	https://doi.org/10.14670/hh-18-240	No
614	Hybrid Optimized Learning for Lung Cancer classification	R. Vidhya, T. T. Mirnalinee	Computer Science and Engineering	Intelligent Automation & Soft Computing	2022	-	https://www.techscience.com/iasc/v34n2/47635	https://doi.org/10.32604/iasc.2022.025060	Yes
615	A Novel Approach Towards Generalization of Countermeasure for Spoofing Attack on ASV Systems	Suvidha Rupesh Kumar and B. Bharathi	Computer Science and Engineering	Circuits, Systems, and Signal Processing	2020	1531-5878	https://www.springer.com/journal/34	https://doi.org/10.1007/s00034-020-01501-y	Yes
616	Student Attendance Manager Using Beacons and Deep Learning	S. Rajalakshmi, and S. Angel Deborah	Computer Science and Engineering	Journal of Physics: Conference Series	2020	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://doi.org/10.1088/1742-6596/1706/1/012153	Yes
617	Water quality analysis in a lake using deep learning methodology: prediction and validation	VenkataVara Prasad D, Lokeswari Y Venkataramana, P. Senthil Kumar	Computer Science and Engineering	International Journal of Environmental Analytical Chemistry	2020	1029-0397	https://www.ripublication.com/ijae_r.htm	http://ripublication.com/ijaer18/ijaerv13n8_73.pdf	Yes
618	Object Recognition for Visually Impaired People	Kavitha Srinivasan, ShanmugaVelayutham V, Vignesh G, Subash R.	Computer Science and Engineering	International Journal of Computer Trends and Technology	2020	2231-2803	https://ijcttjournal.org/	https://doi.org/10.14445/22312803/IJCTT-V68I8P105	No
619	Extraction of compact boundary normalisation based geometric descriptors for affine invariant shape retrieval	Arjun & TT Mirnalinee	Computer Science and Engineering	IET Image Processing	2020	1751-9667	https://ietresearch.onlinelibrary.wiley.com/journal/17519667	https://doi.org/10.1049/ipr2.12088	Yes
620	Securing VPN from insider and outsider bandwidth flooding attack	Saraswathi Shunmuganathan	Computer Science and Engineering	Microprocessors and Microsystems	2020	0141-9331	https://www.sciencedirect.com/journal/microprocessors-and-microsystems	https://doi.org/10.1016/j.micpro.2020.103279	Yes

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621	Nuclei detection in hepatocellular carcinoma and dysplastic liver nodules in histopathology images using bootstrap regression	Lekshmi Kalinathan and Madheswari Kanmani	Computer Science and Engineering	Histol Histopathol	2020	0213-3911	https://pubmed.ncbi.nlm.nih.gov/32691405/	10.14670/HH-18-240	Yes
622	Content boosted hybrid filtering for solving pessimistic user problem in recommendation systems	Sivanaiah, Rajalakshmi, R. Sakaya Milton, and T. T. Mirnalinee	Computer Science and Engineering	Intelligent Data Analysis	2020	1571-4128	https://www.iospress.com/catalog/journals/intelligent-data-analysis	https://doi.org/10.3233/IDA-205244	Yes
623	Improvement of Transmission Control Protocol for High Bandwidth Applications	Jansi Rani S.V	Computer Science and Engineering	Wireless Personal Communications	2021	0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-08074-2	Yes
624	Importance and ILL-Effects of Nanoparticles: Sensors for Their Identification	Vallidevi Krishnamurthy	Computer Science and Engineering	Current Analytical Chemistry	2021	1875-6727	https://benthamscience.com/issue/12606/1	https://www.eurekaselect.com/article/103408	Yes
625	A Benchmark for Suitability of Alluxio over Spark	Kanchana Rajaram and Kavietha Haridass	Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2021	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v10i1/A81901110120.pdf	Yes
626	Water Pollution Monitoring through Remote Sensing	Vallidevi Krishnamurthy	Computer Science and Engineering	Current Analytical Chemistry	2021	1875-6727	https://benthamscience.com/issue/12606/1	DOI: 10.2174/1573411016666200206095055	Yes
627	Fish Species Recognition using Transfer Learning Techniques	P.Mirunalini and D.Thenmozhi	Computer Science and Engineering	International Journal of Advances in Intelligent Informatics	2021	2442-6571	https://ijain.org/index.php/IJAIN	https://ijain.org/index.php/IJAIN/article/view/610	Yes

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628	Prediction on Water Quality of a Lake in Chennai, India using Machine Learning Algorithms	VenkataVara Prasad D, Lokeswari Y Venkataramana	Computer Science and Engineering	Desalination and Water Treatment	2021	1944-3994	https://www.deswater.com/	https://www.deswater.com/DWT_abstracts/vol_218/218_2021_44.pdf	Yes
629	Emotion Analysis on Text Using Multiple Kernel Gaussian....	Angel Deborah, S., Mirnalinee, T.T. & Rajendram, S.M.	Computer Science and Engineering	Neural Processing Letters	2021	1573-773X	https://www.springer.com/journal/11063	https://doi.org/10.1007/s11063-021-10436-7	Yes
630	Degenerative disc disease diagnosis from lumbar MR images using hybrid features	Beulah A, Sharmila TS	Computer Science and Engineering	The Visual Computer	2021	1432-2315	https://www.springer.com/journal/371	https://doi.org/10.1007/s00371-021-02154-x	Yes
631	Bimodal Emotion Recognition using Machine Learning	Manisha S, Nafisa Saida H, Nandita Gopal, Roshni P Anand	Computer Science and Engineering	International Journal of Engineering and Advanced Technology	2021	2249-8958	https://www.ijeat.org/	http://dx.doi.org/10.35940/ijeat.D2451.0410421	Yes
632	Air Pollution Monitoring and Prediction using IOT and Machine Learning	Sneha B., Talapala Sneha, Vinushiya B and Saraswathi S.	Computer Science and Engineering	International Journal of Computer Science and Information Technologies	2021	0975-9646	https://www.ijcsit.com/	https://www.ijcsit.com/docs/volume12/vol12issue02/ijcsit2021120206.pdf	No
633	Particle Swarm Optimization aided Weighted Averaging Fusion Strategy for CT and MRI Medical Images	Madheswari.K, Venkateswaran.N,	Computer Science and Engineering	International Journal of Biomedical Engineering and Technology	2019	1752-6418	https://www.inderscienceonline.com/journal/ijbet	https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2019.102975	Yes
634	efficient system-on-chip reconfigurable architecture design for sum of absolute difference computation in motion estimation process of H.265/HEVC video encoding	Sarath Chandran K. R, Premanand V. Chandramani,	Computer Science and Engineering	International Journal of Concurrency and Computation: Practices and Experience	2019	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.5461	Yes

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635	TARNN Task Aware Autonomic Resource Management using Neural Networks in Cloud Environment	Sujaudeen, N & Mirnalinee, TT,	Computer Science and Engineering	International Journal of Concurrency and Computation: Practices and Experience	2019	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.5463	Yes
636	A Novel Dynamic Data Replication Strategy To Improve Access Efficiency Of Cloud Storage	Sujaudeen, N & Mirnalinee, TT,	Computer Science and Engineering	Information Systems and e-Business Management, Springer	2020	1617-9846	https://www.springer.com/journal/10257/	https://doi.org/10.1007/s10257-019-00422-x	Yes
637	Improving Classification Accuracy Of Cancer Types Using Parallel Hybrid Feature Selection On Microarray Gene Expression Data	Venkataramana, L., Jacob, S. G., Ramadoss, R., Saisuma, D., Haritha, D., & Manoja, K	Computer Science and Engineering	Genes & Genomics	2019	2092-9293	https://www.springer.com/journal/13258	https://link.springer.com/article/10.1007/s13258-019-00859-x	Yes
638	An Augmented Reality Multimedia (ARM): A Dynamic Multimedia Encyclopedia on Mobile Device	N.Venkatesvara Rao, D.Venkata Vara Prasad, Rajesh. M	Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075	https://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v8i11S/K126209811S19.pdf	Yes
639	An Innovative Video Summary and Pattern Mining using VSP Algorithm	N.Venkatesvara Rao, D.Venkata Vara Prasad and Susitra D,	Computer Science and Engineering	International Journal of Recent Technology and Engineering,	2019	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i3S/C11221083S19.pdf	Yes
640	Advanced Driver Assistance System using Image Processing Techniques	Jansi Rani SV, Priyadharsini R and Kavya R	Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i2/A5201119119.pdf	Yes

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641	Hardware software codesign framework for sum of absolute difference based block matching in motion estimation	Sarath Chandran K R, and Premanand Venkatesh Chandramani	Computer Science and Engineering	Journal of Microprocessors and Microsystems	2020	1872-9436	https://www.sciencedirect.com/journal/microprocessors-and-microsystems	https://doi.org/10.1016/j.micpro.2020.10301	Yes
642	Intelligence – based decision support system for diagnosing the incidence of hypertensive type”	Ambika, M., Raghuraman, G., SaiRamesh, L, Ayyasamy, A	Computer Science and Engineering	Journal of Intelligent & Fuzzy Systems	2020	1064-1246	https://dl.acm.org/	https://doi.org/10.3233/JIFS-190143	Yes
643	Enhanced decision support system to predict and prevent hypertension using computational intelligence techniques	M Ambika, G Raghuraman, L SaiRamesh	Computer Science and Engineering	Soft Computing	2020	1432-7643	https://dl.acm.org/	https://doi.org/10.1007/s00500-020-04743-9	Yes
644	Human Activity Recognition using Deep and Machine Learning Algorithms	Bharathi B, Bhuvana J	Computer Science and Engineering	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075	https://www.ijitee.org/	10.35940/ijitee.C8835.029420	Yes
645	Identification of common and dissimilar biomarkers for different cancer types from gene expression of RNA sequencing data	LokeswariVenkataramana, ShamonaGracia Jacob, S.Saraswathi and D.VenkataVara Prasad	Computer Science and Engineering	Journal of Gene Reports, Elsevier	2020	2524-0144	https://www.sciencedirect.com/journal/gene-reports	https://www.sciencedirect.com/science/article/abs/pii/S2452014420300686	Yes
646	Emulation of burst-based adaptive link rates in NetFPGA towards green networking	H.ShahulHamead, T.T.Mirnalinee, D.Kavipriya	Computer Science and Engineering	Turkish Journal Of Electrical Engineering and Computer Sciences	2020	1300-0632	https://journals.tubitak.gov.tr/elektrik/	https://journals.tubitak.gov.tr/elektrik/vol28/iss3/4/	Yes
647	A probabilistic logic approach to outcome prediction in team games using historical data and domain knowledge	M. Saritha and R. S. Milton	Computer Science and Engineering	Journal of Ambient Intelligence and Humanized Computing, Springer	2020	1868-5145	https://www.springer.com/journal/12652	https://doi.org/10.1007/s12652-020-01989-x	Yes

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648	Machine learning based Ad-click prediction system.	Saraswathi S, Krishnamurthy V, Prasad DV, Tarun RK, Abhinav S, Rushitaa D.	Computer Science and Engineering	Int J Eng Adv Technol.	2019		https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F9366088619.pdf	Yes
649	A Parallel Multilevel Feature Selection algorithm for improved cancer classification	Venkataramana, L., Jacob, S. G., & Ramadoss, R.	Computer Science and Engineering	Journal of Parallel and Distributed Computing,	2020	0743-7315	https://www.sciencedirect.com/science/article/abs/pii/S0743731519303363	https://doi.org/10.1016/j.ipdc.2019.12.015	Yes
650	A distributed load balancing algorithm for deduplicated storage.	Prabavathy Balasundaram, Chitra Babu, Pradeep Rengaswamy	Computer Science and Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2019	1300-0632	https://journals.tubitak.gov.tr/elektrik/	https://journals.tubitak.gov.tr/elektrik/vol27/iss5/	Yes
651	Lung Nodule Detection on CT Images using Image Processing Techniques	S. Indira Priyadharsini, N. Mangayarkarasi, L. SaiRamesh and G. Raghuraman	Computer Science and Engineering	International Journal of Pure and Applied Mathematics	2018	1311-8080	https://ijpam.eu/	https://acadpubl.eu/isi/2018-119-7/articles/7a/50.pdf	No
652	Time-Based Proxy Re-Encryption for User Revocation with Reduced UAKs in Cloud Storage	VenkataVara Prasad, Lokeswari Y. Venkataramana, Pandiyan Muthuraj	Computer Science and Engineering	International Journal of Applied Engineering Research	2018	0973-4562	https://www.ripublication.com/ijae_r.htm	http://ripublication.com/ijaer18/ijaerv13n8_73.pdf	Yes
653	Optic Disc And Cup Segmentation In Fundus Retinal Images Using Feature Detection and Morphological Techniques	R. Priyadharsini, A. Beulah, T. Sree Sharmila	Computer Science and Engineering	Current Science Journal	2018	0011-3891	https://www.currentscience.ac.in/	https://www.currentscience.ac.in/Volumes/115/04/0748.pdf	Yes

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654	Real-time video object detection and classification using hybrid texture feature extraction	D. Venkatavara Prasad ,N. Venkatesvara Rao, and M. Sugumaran	Computer Science and Engineering	International Journal of Computers and Applications	2018	1386-7857	https://www.tandfonline.com/toc/tjca20/current	https://www.tandfonline.com/doi/abs/10.1080/1206212X.2018.1525929?journalCode=tjca20#:~:text=extracting%20the%20features.-,In%20feature%20extraction%2C%20hybrid%20texture%20feature%20extraction%20is%20proposed%20where,coefficients%20degraded%20by%20Gaussian%20noise	Yes
655	Ontology-based Tamil-English cross-lingual information retrieval system	D. Thenmozhi and C. Aravindan	Computer Science and Engineering	Sadhana Indian Academy Science, Springer	2018	0973-7677	https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-018-0942-7	Yes
656	Incremental Learning for Classification of Unstructured Data Using Extreme Learning Machine	Suresh J and Sathya M, Madhusudhanan, S.; Jaganathan, S.; L S, Jayashree	Computer Science and Engineering	Algorithms Journal	2018	1999-4983	https://www.mdpi.com/journal/algorithms	https://www.mdpi.com/1999-4893/11/10/158	Yes
657	Fuzzy Qualitative Reasoning Model for Astrocytoma Brain Tumor Grade Diagnosis	S.Kavitha and K.K.Thyagarajan	Computer Science and Engineering	Indian Journal of Science and Technology	2018	0974-6846	https://indist.org/	https://indist.org/articles/fuzzy-qualitative-reasoning-model-for-astrocytoma-brain-tumor-grade-diagnosis	Yes

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658	Modified dual channel PCNN algorithm with hybrid edge enhancement approach for multimodality brain image fusion	S. Kavitha, B. Bharathi, P. Sasikala, P. Chandralekha, V. Ashwini	Computer Science and Engineering	International Journal of Biomedical Engineering and Technology (IJBET)	2018	1752 - 6426	https://www.inderscienceonline.com/journal/ijbet	https://www.inderscienceonline.com/doi/abs/10.1504/IJBET.2018.094727	Yes
659	Automated skin lesion segmentation of dermoscopic images using GrabCut and k-means algorithms	SM Jaisakthi, P Mirunalini, C Aravindan	Computer Science and Engineering	IET Computer Vision	2018	1751-9632	https://ietresearch.onlinelibrary.wiley.com/journal/17519640	https://doi.org/10.1049/iet-cvi.2018.5289	Yes
660	Optimized bi-level classifier for brain tumor type and grade discrimination using evolutionary fuzzy computing	Kavitha Srinivasan, Mohanavalli Subramaniam, Bharathi Bhagavathsingh	Computer Science and Engineering	Turkish Journal of Electrical Engineering & Computer Sciences, Vol, 27, pp.1704 – 1718, May 2019.	2019	1300-0632	https://journals.tubitak.gov.tr/elektrik/vol27/iss3/11/	http://dx.doi.org/10.3906/elk-1804-13	Yes
661	Dynamic small world particle swarm optimizer for function optimization	Megha Vora and TT Mirnalinee	Computer Science and Engineering	Natural Computing, Springer	2018	1567-7818	https://www.springer.com/journal/11047	https://link.springer.com/article/10.1007/s11047-017-9639-9	Yes
662	Acoustic Image Denoising Using Various Spatial Filtering Techniques	Dhanushree M, Priyadharsini R and Sree Sharmila T	Computer Science and Engineering	International Journal of Information Technology	2019	2511-2104	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-018-0272-3	Yes
663	Parallelized Classification of Cancer Sub-types from Gene Expression Profiles Using Recursive Gene Selection	Venkataramana, Lokeswari, Jacob, S. G., & Ramadoss, R	Computer Science and Engineering	Studies in Informatics and Control	2018	1220-1766	https://sic.ici.ro/	https://sic.ici.ro/wp-content/uploads/2018/07/Art.-9-Issue-2-2018-SIC.pdf	Yes

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664	Information Hiding using LSB Replacement Technique and Adaptive image Fusion	Lakshmi Priya S, Namitha S, Neela Niranjini V and Natha Manoj Kumar	Computer Science and Engineering	International Journal of Computer Aided Engineering and Technology	2019	1757-2657	https://www.inderscienceonline.com/journal/ijcaet	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAET.2019.098153	Yes
665	Concurrency control algorithms for deduplicated cloud storage	Prabavathy Balasundaram, Chitra Babu	Computer Science and Engineering	Turkish Journal of Electrical Engineering and Computer Sciences	2018	1300-0632	https://journals.tubitak.gov.tr/elektrik/	https://journals.tubitak.gov.tr/elektrik/vol26/iss2/	Yes
666	Sentimental Analysis using Deep Learning Techniques	Kalaivani A. Thenmozhi D	Computer Science and Engineering	International Journal of Recent Technology and Engineering	2020	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/portfolio-item/F11050476S519/	Yes
667	Speech-Input Speech-Output Communication for Dysarthric Speakers Using HMM-Based Speech Recognition and Adaptive Synthesis System.	M. Dhanalakshmi, T. A. Mariya Celin, T. Nagarajan & P. Vijayalakshmi	Information Technology	Circuits Syst Signal Process	2018	0278-081X	https://www.springer.com/journal/34	https://link.springer.com/article/10.1007/s00034-017-0567-9#citeas	Yes
668	Automatic Gender recognition using ANFIS	Jeyaaishwarya, N. Radha	Information Technology	International Journal on Future Revolution in computer science and communication engineering	2018	2454-4248	http://www.ijfrcse.org/index.php/ijfrcse		Yes
669	Embodied Conversational Agent-based Control Interfaces for Home Automation System	Nikitha V, N. Radha	Information Technology	International Journal on Future Revolution in computer science and communication engineering	2018	2454-4248	http://www.ijfrcse.org/index.php/ijfrcse		Yes

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670	Text to Speech Conversion of Documents using Concatenative Speech Synthesis	Neharika.S, N. Radha	Information Technology	International Journal on Future Revolution in computer science and communication engineering	2018	2454-4248	http://www.ijfrcsce.org/index.php/ijfrcsce		Yes
671	Analysis of machine learning algorithm for identifying key actors in covert networks	Geetha R.* and Karthika Veera	Information Technology	Disaster Advances	2018	0974-262X	https://www.journalguide.com/journals/disaster-advances	https://www.researchgate.net/publication/323081279_Analysis_of_machine_learning_algorithm_for_identifying_key_actors_in_covert_networks	Yes
672	State of Art: Vertical Handover Decision Schemes in Next-Generation Wireless Network	E. M. Malathy, Vijayalakshmi Muthuswamy	Information Technology	Journal of Communications and Information Networks	2018	2509-3312	https://link.springer.com/journal/41650/volumes-and-issues	https://doi.org/10.1007/s41650-018-0009-2	Yes
673	MutatedSocioAgentSim (MSAS): semisupervised modelling of multiagent simulation to predict and detect the mutation in a camouflaged social network	SUBBARAJ, KARTHIKA and SUNDAN, BOSE	Information Technology	<i>Turkish Journal of Electrical Engineering and Computer Sciences</i>	2018	1300-0632	https://journals.tubitak.gov.tr/elektrik/vol26/iss2/27	https://doi.org/10.3906/elk-1711-228	Yes
674	Behavioral Modeling for Mental Health using Machine Learning Algorithms	Ms. Srividya , Dr. S. Mohanavalli , Dr. N. Bhalaji	Information Technology	Journal of Medical Systems	2018	1485598	https://www.springer.com/journal/10916	https://doi.org/10.1007/s10916-018-0934-5	Yes
675	Significance of Differenced EGG Signal as a Spectrum in Phase Difference Computation for the Estimation of Glottal Closure Instants	Anushiya Rachel, G., Sripriya, N., Vijayalakshmi, P. et al.	Information Technology	<i>Circuits Syst Signal Process</i>	2018	0278-081X	https://www.springer.com/journal/34	https://doi.org/10.1007/s00034-017-0654-y	Yes

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676	A Multilingual to Polyglot Speech Synthesizer for Indian Languages Using a Voice-Converted Polyglot Speech Corpus	P. Vijayalakshmi, B. Ramani, M. P. Actlin Jeeva, T. Nagarajan,	Information Technology	Circuits, Systems and Signal Processing	2018	0278-081X	https://www.springer.com/journal/34	https://doi.org/10.1007/s00034-017-0654-y	Yes
677	Enhanced Portable Text To Speech Converter For Visually Impaired"	Chithra Selvaraj; N. Bhalaji	Information Technology	<i>International Journal of Intelligent Systems Technologies and Applications</i>	2018	1740-8873	https://www.inderscience.com/jhometme.php?icode=ijista	https://doi.org/10.1504/IJISTA.2018.091586	Yes
678	An Empirical study of feature selection methods over classification algorithms	N. Bhalaji; K.B. Sundhara Kumar; Chithra Selvaraj	Information Technology	<i>International Journal of Intelligent Systems Technologies and Applications (IJISTA)</i>	2018	1740-8874	https://www.inderscienceonline.com/journal/ijista	http://dx.doi.org/10.1504/IJISTA.2018.091590	Yes
679	Outlier Detection using Clustering Techniques	Srividya, Mohanavalli, S., Sripriya, N., & Poornima, S	Information Technology	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepubco.com/index.php/ijet/about	https://doi.org/10.14419/ijet.v7i3.12.16508	Yes
680	Categorisation of Tweets Using Ensemble Classification Methods	S. Mohanavalli, S. Karthika, Srividya, K.R.Uthayan, N. Sandya	Information Technology	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepubco.com/index.php/ijet/about	https://doi.org/10.14419/ijet.v7i3.12.16463	Yes
681	Mobile Application For Out-Pass Generation	S. Swarnalatha, R. S. Shrikanth, I. Kesavarthini, S. Poornima, N. Sripriya	Information Technology	International Journal Of Current Engineering And Scientific Research	2018	2394-0697	https://troindia.in/journal/ijcesr/content.html	https://troindia.in/journal/ijcesr/Vol5_Iss7.html	No
682	Identification of Trending Topics Using Periodically Collected Twitter Data	Ranjini V, Soundarya R, S Karthika, S Mohanavalli, Srividhya.	Information Technology	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepubco.com/index.php/ijet	https://doi.org/10.14419/ijet.v7i3.12.16025	Yes

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683	A Working Model for Mobile Charging using Wireless Power Transmission	I Joe Louis Paul, S Sasirekha, D Naveen Kumar, P S Revanth	Information Technology	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepublishing.com/index.php/ijet	https://doi.org/10.14419/ijet.v7i3.12.16434	Yes
684	An efficient framework for image retrieval using color, texture and edge features	L.K. Pavithra, T. Sree Sharmila	Information Technology	Computers and Electrical Engineering	2018	457906	https://www.sciencedirect.com/journal/computers-and-electrical-engineering	https://doi.org/10.1016/j.compeleceng.2017.08.030	Yes
685	Optic disc and cup segmentation in fundus retinal images using feature detection and morphological techniques	R. Priyadharsini, A. Beulah and T. Sree Sharmila	Information Technology	Current Science	2018	113891	https://www.jstor.org/journal/currentscience	https://www.jstor.org/stable/26978284	Yes
686	A Lightweight Trust Scheme for IoT.	S. ChithraA, Dr; N. Bhalaji, Dr; Nandhini, S.	Information Technology	Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepublishing.com/index.php/ijet/abstract	https://doi.org/10.14419/ijet.v7i3.34.18974	Yes
687	A Smart Watchdog - Intruder Detection System	A Sesupriya & Soundarya, Dr P Vasuki	Information Technology	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepublishing.com/index.php/ijet/abstract	https://doi.org/10.14419/ijet.v7i3.34.18971	Yes
688	Disc bulge diagnostic model in axial lumbar MR images using Intervertebral disc Descriptor (IdD)	Beulah, T. Sree Sharmila and V. K. Pramod	Information Technology	Multimedia Tools and Applications	2018	13807501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-018-5914-8	Yes
689	A wavelet transform based contrast enhancement method for underwater acoustic images	Priyadharsini R, T. Sree Sharmila, V. Rajendran	Information Technology	Multidimensional Systems and Signal Processing	2018	15730824	https://link.springer.com/journal/11045	https://doi.org/10.1007/s11045-017-0533-5	Yes
690	An Analysis of The Effect of Combining Standard and Alternate Sensor Signals on Recognition of Syllabic Units for Multimodal Speech Recognition	N. Radha, A. Shahina,,P. Prabha, B.T. Preethi Sri, A. Nayeemulla Khan	Information Technology	Pattern Recognition Letters	2018	1678655	https://www.sciencedirect.com/journal/pattern-recognition-letters	https://doi.org/10.1016/j.patrec.2017.10.011	Yes

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691	Performance analysis of IoT protocol under different mobility models	K. Kabilan *, N. Bhalaji , Chithra Selvaraj , Mahesh Kumaar B , Karthikeyan P T R	Information Technology	Computer and Electrical Engineering	2018	457906	https://www.sciedirect.com/journal/computers-and-electrical-engineering	https://doi.org/10.1016/j.compeleceng.2018.09.007	Yes
692	Heavy Ion Impact on Narrow Band Low Noise AMplifier	P Rajendran, R Srinivasan	Information Technology	Microelectronics Reliability	2018	262714	https://www.sciedirect.com/journal/microelectronics-reliability	https://doi.org/10.1016/j.microrel.2018.08.001	Yes
693	Reliability score inference and recommendation using fuzzy-based technique for social media applications	Shanmugapriya, T., and S. Swamynathan	Information Technology	Soft Computing	2018	14327643	https://www.springer.com/journal/500	https://doi.org/10.1007/s00500-017-2774-5	Yes
694	Real time blink recognition from various head pose using single eye	John, S.J. & Sharmila, S.T.	Information Technology	Multimedia Tools and Applications	2018	1380-7501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-018-6113-3	Yes
695	Pause-Based Phrase Extraction and Effective OOV Handling for Low-Resource Machine Translation Systems	K. Mrinalini, T. Nagarajan, P. Vijayalakshmi	Information Technology	ACM Transactions on Asian and Low Resource Language Information Processing	2018	23754699	https://dl.acm.org/journal/tallip	https://doi.org/10.1145/3265751	Yes
696	Automatic stenosis detection using SVM from CTA projection images	Seetharani Murugaiyan Jaisakthi, Palaniappan Mirunalini, Chandrabose Aravindan	Information Technology	Multimedia Systems	2019	14321882	https://www.springer.com/journal/530	10.1007/s00530-017-0578-1	Yes
697	Automated skin lesion segmentation of dermoscopic images using GrabCut and kmeans algorithms	Jaisakthi, Seetharani Murugaiyan, Palaniappan Mirunalini, and Chandrabose Aravindan	Information Technology	IET Computer Vision	2018	1751-9640	https://ietresearch.onlinelibrary.wiley.com/journal/17519640	https://doi.org/10.1049/iet-cvi.2018.5289	Yes
698	Ontology-based Tamil–English cross-lingual information retrieval system	D Thenmozhi, Chandrabose Aravindan	Information Technology	Sadhana	2018	9737677	https://www.springer.com/journal/12046	https://doi.org/10.1007/s12046-018-0942-7	Yes

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699	A Naive BaYes approach for URL classification with supervised feature selection and rejection framework	R. Rajalakshmi, Chandrabose Aravindan	Information Technology	Computational Intelligence	2018	1467-8640	https://onlinelibrary.wiley.com/journal/14678640	https://doi.org/10.1111/coin.12158	Yes
700	An efficient seed points selection approach in dominant color descriptors (DCD)	L. K. Pavithra, T. Sree Sharmila	Information Technology	Cluster Computing	2019	13867857	https://www.springer.com/journal/10586	https://doi.org/10.1007/s10586-019-02907-3	Yes
701	An augmented approach for pseudo-free groups in smart cyber-physical system	Kumar, M.V.R., Bhalaji, N. & Singh, S.	Information Technology	Cluster Computing,	2019	13867857	https://www.springer.com/journal/10586	https://doi.org/10.1007/s10586-018-2353-2	Yes
702	Acoustic image denoising using various spatial filtering techniques	Dhanushree M Priyadharsini R and Sree Sharmila T.	Information Technology	International Journal of Information Technology	2019	25112104	https://link.springer.com/journal/41870	https://doi.org/10.1007/s41870-018-0272-3	Yes
703	TOPSIS-Nelder Mead Vertical Handover scheme in Next Generation Wireless Network”	E.M. Malathy, Dr.Vijayalakshmi Muthuswamy, N. Radha	Information Technology	Caribbean Journal of Science	2019	86452	https://bioone.org/journals/caribbean-journal-of-science	https://www.ijrte.org/wp-content/uploads/papers/v8i2S3/B11110782S319.pdf	Yes
704	A Novel Microarray Gene Selection and Classification using Intelligent Dynamic Grey Wolf Optimization	K.R.Uthayan,	Information Technology	Genetika-Belgrade	2019	166758	https://doiserbia.nb.rs/journal.aspx?issn=0534-0012	http://dx.doi.org/10.2298/GENSR1903805U	No
705	Optimal Spectrum Sharing and Dynamic Resource Allocation for LTE Small Cells	R RoselinKiruba, T. Sree Sharmila	Information Technology	Caribbean Journal of science.	2019	86452	https://bioone.org/journals/caribbean-journal-of-science		Yes
706	An Artificial Intelligence Based Tool for Ophthalmologist for Eye Disease Classification	V.Sivamurugan, and Dr.P.Indumathi	Information Technology	Journal of Tierärztliche Praxis	2019	0303-6286	https://tierarztliche.com/	https://tierarztliche.com/Vol-39-ISSUE-10-2019/	Yes

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707	A Weighted Speaker-Specific Confusion Transducer-Based Augmentative and Alternative Speech Communication Aid for Dysarthric Speakers	T. A. M. Celin, G. A. Rachel, T. Nagarajan and P. Vijayalakshmi	Information Technology	IEEE Transactions on Neural Systems and Rehabilitation Engineering	2019	15344320	https://ieeexplore.ieee.org/document/8579178	https://doi.org/10.1109/tnsre.2018.2887089	Yes
708	<i>BCI Cinematics—A pre-release analyser for movies using H2O deep learning platform</i>	Sundhara Kumar KB, G Krishna, N Bhalaji, S Chithra,	Information Technology	<i>Computers & Electrical Engineering</i>	2019	457906	https://www.sciencedirect.com/journal/computers-and-electrical-engineering	https://doi.org/10.1016/j.compeleceng.2018.03.015	Yes
709	Enhancing Noisy Speech using WEMD	J.V. Thomas Abraham, A. Shahina, A. Nayeemulla Khan	Information Technology	International Journal of Recent Technology and Engineering	2019	22773878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v7i5s4/E114502755419.pdf	Yes
710	Brain storm-based Whale Optimization Algorithm for privacy-protected data publishing in cloud computing	Thanga Revathi, S., Ramaraj, N. & Chithra, S.	Information Technology	Cluster Computing	2019	13867857	https://www.springer.com/journal/10586	https://doi.org/10.1007/s10586-018-2200-5	Yes
711	Perfecting Counterfeit Banknote Detection-A Classification Strategy	M. Tejasvi, A.Nayeemulla Khan, A.Shahina	Information Technology	International Journal of Innovative Technology and Exploring Engineering	2019	22783075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i6/F3597048619.pdf	Yes
712	A two-level secure data hiding algorithm for video steganography.	Manisha, S., Sharmila, T.S.	Information Technology	<i>Multidim Syst Sign Process</i>	2019	1573-0824	https://www.springer.com/journal/11045	https://doi.org/10.1007/s11045-018-0568-2	Yes
713	Enhanced analysis of border surveillance using intruders' crossing strategies	N.Bhalaji, S.Venkatesh	Information Technology	Soft Computing	2019	14327643	https://www.springer.com/journal/500	https://doi.org/10.1007/s00500-019-03962-z	Yes

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714	Impact of Tweet Features and Machine-Learning Classifiers for Twitter Spam Detection	S. Nitheesh Prabu , Abhishek Pal, S. Sundar Ram, S. Karthika	Information Technology	International Journal of Recent Technology and Engineering	2019	22773878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v7i6s3/F1007376S19.pdf	Yes
715	A Novel Design Framework for Rumour Analysis in Twitter	S. Karthika, Suthanthiradevi	Information Technology	International Journal of Recent Technology and Engineering	2019	22773878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v7i6s3/F1005376S19.pdf	Yes
716	Optimized bi-level classifier for brain tumor type and grade discrimination using evolutionary fuzzy computing	Kavitha S Mohanvalli S Bharathi B	Information Technology	Turkish Journal of Electrical and Computer Sciences	2019	13000632	https://journals.tubitak.gov.tr/elektrik/	10.3906/elk-1804-13	Yes
717	Performance analysis of classifiers in social media text for Credibility Assessment	P.SuthanthiraDevi , S.Karthika	Information Technology	Caribbean Journal of Science	2019	86452	https://bioone.org/journals/caribbean-journal-of-science		Yes
718	#Dec18- Twitter Based Trend Analysis Using BoW Models	P.SuthanthiraDevi , S.Karthika, R. Geetha	Information Technology	Caribbean Journal of Science	2019	86452	https://bioone.org/journals/caribbean-journal-of-science		Yes
719	A safety system for school children using GRAG	I. Joe Louis Paul, S. Sasirekha	Information Technology	International Journal of Computer Aided Engineering and Technology,	2019	17572665	https://www.inderscience.com/ijhomet.php?jcode=ijcaet	https://dx.doi.org/10.1504/IJCAET.2019.100449	Yes
720	PERFORMANCE EVALUATION OF FLYING WIRELESS NETWORK WITH VANET ROUTING PROTOCOL	N.Bhalaji,	Information Technology	Journal of IoT in Social, Mobile, Analytics, and Cloud	2019	2582-1369	https://irojournals.com/iroismac/	https://doi.org/10.36548/ijsmac.2019.1.005	No

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721	Nelder-Mead Optimized MADM Decision Support for Vertical Handover	Malathy E M, Vijayalakshmi Muthuswamy	Information Technology	International Journal of Recent Technology and Engineering	2019	22773878	https://www.ijrte.org/	10.35940/ijrte.B1111.0782S319	Yes
722	Predicting Forest Fires using Supervised and Ensemble Machine Learning Algorithms	R. Rishickesh, A. Shahina, A. Nayeemulla Khan	Information Technology	International Journal of Recent Technology and Engineering	2019	22773878	https://www.ijrte.org/	10.35940/ijrte.B2878.078219	Yes
723	Impact of Thermal Boundary Resistance on the Performance and Scaling of Phase-Change Memory Device	S. Durai, S. Raj and A. Manivannan	Information Technology	IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems	2019	2780070	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=43	https://doi.org/10.1109/TCAD.2019.2927502	Yes
724	A New Optimized Distributed Scheduling Service using Genetic Computing	A. Sandanakaruppan, N. Bhalaji, N. Ramraj,	Information Technology	Applied Mathematics and Information Sciences	2019	19350090	https://digitalcommons.aaru.edu.io/amis/	http://dx.doi.org/10.18576/amis/13S131	Yes
725	Artificial Neural Network and Gray Level Co-Occurrence Matrix Based Automated Corrosion Detection	V.Thanikachalam , M.G.Kavitha, V.Bharathi	Information Technology	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F900088619.pdf	https://www.ijeat.org/wp-content/uploads/papers/v8i6/F900088619.pdf	Yes
726	RFID and PIR Motion Sensor based Automated Attendance System for Educational Institutions	K.Srividhyasaradha, I. Joe Louis Paul, S. Sasirekha	Information Technology	International Journal of Recent Technology and Engineering	2019	22773878	https://www.ijrte.org/	https://www.ijrte.org/wp-content/uploads/papers/v8i2S8/B10520882S819.pdf	Yes
727	Load Balancing in Cloud computing using WWA Algorithm	V.Arulkumar, Dr.N.Bhalaji,	Information Technology	concurrency and computation practice and Experience	2019	15320626	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.5492	Yes

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728	Direction-invariant binary pattern-encoded descriptor for texture classification and retrieval	Pavithra Latha Kumaresan and Sree Sharmila Thangaswamy	Information Technology	Journal of Electronic Imaging	2019	10179909	https://www.spiedigitallibrary.org/journals/journal-of-electronic-imaging/volume-28/issue-5	https://doi.org/10.1117/1.JEI.28.5.053013	Yes
729	QOS AND DEFENSE ENHANCEMENT USING BLOCK CHAIN FOR FLY WIRELESS NETWORKS	N.Bhalaji,	Information Technology	Journal of trends in Computer Science and Smart technology	2019	2582-4104	https://irojournals.com/tcsst/	https://doi.org/10.36548/jtcsst.2019.1.001	No
730	DELAY DIMINISHED EFFICIENT TASK SCHEDULING AND ALLOCATION FOR HETEROGENEOUS CLOUD ENVIRONMENT	N.Bhalaji,	Information Technology	Journal of trends in Computer Science and Smart technology	2019	2582-4104	https://irojournals.com/tcsst/	https://doi.org/10.36548/jtcsst.2019.1.005	No
731	Image fusion for MODIS and Landsat images using top hat based moving technique with FIS.	Swathika, R., Sharmila, T.S.	Information Technology	Cluster Computing	2019	1386-7857	https://link.springer.com/journal/10586	https://doi.org/10.1007/s10586-018-1802-2	Yes
732	Epileptic Seizure Prediction Through Machine Learning and Spatio-Temporal Features Based Time Series Analysis of Intracranial Electroencephalogram Data	N. Ilakiyaselvan, Hardik Bhatt, Utkarsh Shukla, A. Nayeemulla khan, A. Shahina	Information Technology	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.ijeat.org/portfolio-item/A2068109119/	https://dx.doi.org/10.35940/ijeat.A2063.109119	Yes
733	Identification of Duplication in Questions Posed on Knowledge Sharing Platform Quora using Machine Learning Techniques	R. Rishickesh, P. Ram Kumar, A. Shahina, A. Nayeemulla Khan	Information Technology	International Journal of Innovative Technology and Exploring Engineering,	2019	22783075	https://www.ijitee.org/	https://dx.doi.org/10.35940/ijitee.L3017.1081219	Yes

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734	Prediction of West Nile Virus using Ensemble Classifiers	R. Rishickesh, A. Shahina, A. Nayeemulla Khan,	Information Technology	International Journal of Engineering and Advanced Technology	2019	22498958	https://www.ijeat.org/	https://dx.doi.org/10.35940/ijeat.A9810.109119	Yes
735	Speech Emotion Recognition Based on Gender Influence in Emotional Expression	P Vasuki and Divya Bharati R	Information Technology	International Journal of Intelligent Information Technologies	2019	15483665	https://www.igi-global.com/gateway/journal/1089	10.4018/IJIIIT.2019100102	Yes
736	An extremely fast, energy-efficient RESET process in Ge2Sb2Te5 phase change memory device revealed by the choice of electrode materials and interface effects	Suresh Durai, Srinivasan Raj, and Anbarasu Manivannan	Information Technology	Semiconductor Science and Technology,	2019	13616641	https://iopscience.iop.org/journal/0268-1242	10.1088/1361-6641/ab591a	Yes
737	Single-event radiation performance analysis of junction and junctionless FET-based low-noise amplifiers	P. Rajendiran, R. Srinivasan	Information Technology	Journal of Computational Electronics	2019	15698025	https://www.springer.com/journal/10825	https://doi.org/10.1007/s10825-019-01370-y	Yes
738	An Improved Seed Point Selection-Based Unsupervised Color Clustering for Content-Based Image Retrieval Application	L. K. Pavithra, T. Sree Sharmila	Information Technology	The Computer Journal	2020	14602067	https://academic.oup.com/comjnl	https://doi.org/10.1093/comjnl/bxz017	Yes
739	Hybrid Fusion based Learning Model for Biometric Authentication	Poornima S, Kavitha S, Sheerin Sitara N, Balaprasanna A S	Information Technology	Caribbean Journal of Science	2020	86452	https://bioone.org/journals/caribbean-journal-of-science/		Yes
740	Deep learning approach to detect seizure using reconstructed phase space images	N. Ilakiyaselvan, A. Nayeemulla khan , A. Shahina	Information Technology	Journal of Biomedical Research	2020	1674-8301	http://www.jbr-pub.org.cn/article/doi/10.7555/JBR.34.20190043?viewType=HTML	https://doi.org/10.7555/jbr.34.20190043	Yes

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741	Data Augmentation Using Virtual Microphone Array Synthesis and Multi-Resolution Feature Extraction for Isolated Word Dysarthric Speech Recognition	T. A. M. Celin, T. Nagarajan and P. Vijayalakshmi	Information Technology	IEEE Journal of Selected Topics in Signal Processing	2020	19324553	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4200690	https://doi.org/10.1109/JSTSP.2020.2972161	Yes
742	Multi-model fusion based satellite image classification using Versatile Unsupervised Vector Zone (VUVZ) fusion and Intensive Pragmatic Blossoms (IPB) technique	Swathika, R & SreeSharmila	Information Technology	Multimedia Tools and Applications	2020	13807501	https://www.springer.com/journal/1042	https://doi.org/10.1007/s11042-019-07872-y	Yes
743	Fog Computing – A Raspberry Pi Decentralized Network	N.Bhalaji and Shanmugaskanth Vinayak	Information Technology	Journal of Information Technology and Digital World	2020	2582-418X	https://irojournals.com/itdw/	https://doi.org/10.36548/jitdw.2020.1.003	No
744	Remaining Useful Life (RUL) Estimation of Lead Acid Battery using Bayesian Approach	Dr.N.Bhalaji and Rimi Chowdhry	Information Technology	Journal of Electrical Engineering and Automation	2020	<u>2582-3051</u>	https://irojournals.com/iroeea/	https://doi.org/10.36548/ieea.2020.1.003	No
745	EL DAPP – An Electricity Meter Tracking Decentralized Application	Dr.N.Bhalaji and Shanmugaskanth Vinayak	Information Technology	Journal of Electrical Engineering and Automation	2020	2186-0114	https://irojournals.com/iroei/	https://doi.org/10.36548/iei.2020.1.006	No
746	Multi-Level Single-Channel Speech Enhancement Using a Unified Framework for Estimating Magnitude and Phase Spectra,	Lavanya T, Nagarajan. T and Vijayalakshmi. P	Information Technology	IEEE/ACM Transactions on Audio, Speech, and Language Processing	2020	23299304	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6570655	https://doi.org/10.1109/TASLP.2020.2986877	Yes

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747	A Study on the Impact of Lombard Effect on Recognition of Hindi Syllabic Units Using CNN Based Multimodal ASR Systems	Uma Maheswari S, Shahina A, Rishikesh R and Nayeemulla Khan A	Information Technology	Archives of Acoustics	2020	1375075	https://acoustics.iitp.ac.in/index.php/aa/index	http://dx.doi.org/10.24425/2Faoa.2020.134058	Yes
748	Social Media Veracity Detection System Using Calibrate Classifier,	SuthanthiraDevi, P. Karthika, S. Sowmya, K. Srinidhi, S. Pavithra, S,	Information Technology	International Journal of Advanced Trends in Computer Science and Engineering	2020	2278 - 3091	https://doi.org/10.30534/ijatcse/2020/155932020	https://www.warse.org/IJATCSE/years/archivesDetiles/?heading=Volume%209%20No.3%20(2020)	Yes
749	Influence of Primary Auditory Cortex in the Characterization of Autism Spectrum in Young Adults using Brain Connectivity Parameters and Deep Belief Networks: An fMRI Study	Vidhusha Srinivasan, Udayakumar N, Kavitha Anandan	Information Technology	Current Medical Imaging	2020	15734056	https://www.eurkaselect.com/journal/33	https://doi.org/10.2174/1573405615666191111142039	Yes
750	Hierarchical classifier design for speech emotion recognition in the mixed-cultural environment	P. Vasuki & Chandrabose Aravindan	Information Technology	Journal of Experimental & Theoretical Artificial Intelligence	2020	13623079	https://www.tandfonline.com/journals/teta20	https://doi.org/10.1080/0952813X.2020.1764630	Yes
751	Phoneme classification in reconstructed phase space with convolutional neural networks	R. John Wesley, A. Nayeemulla Khan, and A. Shahina,	Information Technology	Pattern Recognition Letters	2020	1678655	https://www.sciencedirect.com/journal/pattern-recognition-letters	https://doi.org/10.1016/j.patrec.2020.05.002	Yes
752	Reconfigurable FET-Based SRAM and Its Single Event Upset Performance Analysis Using TCAD	Nisha Justeena, R. Srinivasan	Information Technology	Microelectronics Journal	2020	9598324	https://www.sciencedirect.com/journal/microelectronics-journal	https://doi.org/10.1016/j.mejo.2020.104815	Yes

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753	Adaptive multi-band filter structure-based far-end speech enhancement	M. P. A. Jeeva, T. Nagarajan and P. Vijayalakshmi	Information Technology	IET Signal Processing	2020	17519675	https://www.sciepubco.com/index.php/ijet/issue/view/360	https://doi.org/10.1049/iet-spr.2019.0226	Yes
754	Analysis of algorithms to estimate glottal closure instants from speech signals.	Rachel, G.A., Vijayalakshmi, P. & Nagarajan, T.	Information Technology	International Journal of Speech Technology	2020	13812416	https://www.springer.com/journal/10772	https://doi.org/10.1007/s10772-020-09752-5	Yes
755	Reconfigurable silicon nanotube using numerical simulations.	Justeena AN, Ambika R, Sadagopan PS, Srinivasan R	Information Technology	JOURNAL OF COMPUTATIONAL ELECTRONICS	2020	15698025	https://www.springer.com/journal/10825	https://doi.org/10.1007/s10825-020-01522-5	Yes
756	An enhanced OCT image captioning system to assist ophthalmologists in detecting and classifying eye diseases	V. Sivamurugan, P. Indumathi	Information Technology	Journal of X-ray Science and Technology	2020	8953996	https://content.iopress.com/journals/journal-of-x-ray-science-and-technology/Pre-press/Pre-press	https://doi.org/10.3233/xst-200697	Yes
757	MOOCVERSITY - Deep Learning Based Dropout Prediction in MOOCs over Weeks	Dr. N. Bhalaji and Vignesh. M	Information Technology	Journal of Soft Computing Paradigm	2020	2582-418X	https://irojournals.com/jscp/	https://doi.org/10.36548/jscp.2020.3.001	No
758	A new multi-level radial difference encoded pattern for image classification and retrieval	Pavithra, L.K., Sree Sharmila, T.	Information Technology	Multidim Syst Sign Process	2020	0923-6082	https://www.springer.com/journal/11045	https://doi.org/10.1007/s11045-020-00713-4	Yes
759	Construction and Evaluation of Tamil Speech Emotion Corpus	Vasuki, P., Sambavi, B. & Joe, V	Information Technology	Natl. Acad. Sci. Lett.	2020	0250541X	https://www.springer.com/journal/40009	https://doi.org/10.1007/s40009-020-00907-1	Yes
760	A survey on technologies and security protocols: Reference for Future Generation IoT	R. Yugha and Dr. S. Chithra	Information Technology	Journal of Network and Computer Applications	2020	10958592	https://www.sciencedirect.com/journal/journal-of-network-and-computer-applications	https://doi.org/10.1016/j.jnca.2020.102763	Yes

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761	Investigation of heavy-ion strikes on a fin field-effect transistor-based low-noise amplifier	P Rajendiran1, K K Nagarajan2 and R Srinivasan	Information Technology	Semiconductor Science and Technology	2020	1361-6641	https://iopscience.iop.org/journal/0268-1242	10.1088/1361-6641/abc1fe	Yes
762	Epilepsy Prediction using a Combined LSTM - XGBoost System on EEG Signals	Shanmuga Skandh Vinayak E, Shahina A, Nayeemulla Khan A	Information Technology	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2020	22783075	www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v10i1/A80861110120.pdf	Yes
763	Prediction of indian GDP using grey forecast model	V. Laasya Subramanyam, V. Sasya Subramanyam, Shamita Dev and Shruthi Arun	Information Technology	International journal of innovative technology and exploring engineering (IJITEE)	2020	22783075	100.1/ijitee.B82291210220	10.35940/ijitee.B8229.1210220	Yes
764	Medical Data Management Using Blockchain	Bhalaji N, Aishwarya V, Krithika Balaji	Information Technology	Journal of ISMAC (2020)	2020	2582-1369	https://irojournals.com/iroismac/	https://doi.org/10.36548/ijismac.2020.4.006	No
765	Parkinson's Diseases Detection using Machine Learning Techniques	Radha N, Sachin Madhavan RM, Sameera holy S	Information Technology	REVISTA ARGENTINA DE CLINICA PSICOLOGICA	2021	3276716	https://www.revistaclinicapsicologica.com/	https://www.revistaclinicapsicologica.com/issue.php?volume=3&issue=6&page=3	Yes
766	Acoustic-visual based Accent Identification system using deep neural networks	Radha N, Sachin Madhavan RM	Information Technology	REVISTA ARGENTINA DE CLINICA PSICOLOGICA	2021	3276716	https://www.revistaclinicapsicologica.com/	https://www.revistaclinicapsicologica.com/archivesarticle.php?id=554	Yes
767	Biometric identification using transient evoked otoacoustic emission signals based on recurrence plots and convolutional neural networks	Shahina A, Harshini V, Dhanwin, Khadar Nawas K, Nayeemulla Khan	Information Technology	Journal of Huazhong University of Science and Technology	2021	16720733	https://link.springer.com/journal/11596		Yes

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768	Auto-Off ID: Automatic Detection of Offensive Language in Social Media	Geetha, R., S. Karthika, Chaluvadi Jwala Sowmika, and Bharathi M. Janani.	Information Technology	Journal of Physics: Conference Series, Volume 1911, International Conference on Innovative Technology for Sustainable Development 2021 (ICITSD 2021) 27-29 January 2021, Chennai, India	2021	17426588	https://iopscience.iop.org/year/1742-6596/Y2021	http://dx.doi.org/10.1088/1742-6596/1911/1/012012	Yes
769	Blockchain-Based Chameleon Hashing Technique for Privacy Preservation in E-Governance System	Ranjith Kumar, M.V., Bhalaji, N.	Information Technology	Wireless Personal Communication (2020)	2021	1572834X	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-020-07907-w	Yes
770	Performance Analysis of Nature Inspired Load balancing Algorithm in Cloud Environment	Arulkumar. V, Dr.N.Bhalaji	Information Technology	Journal of Ambient Intelligence and Humanized computing	2021	1868-5145	https://www.springer.com/journal/12652	https://doi.org/10.1007/s12652-019-01655-x	Yes
771	Hand sign recognition by visible and thermal images using modified quality local thresholding technique	Gajalakshmi, T. Sree Sharmila	Information Technology	Journal of Environmental Protection and Ecology	2021	13115065	https://scibulcom.net/en/journal/1311-5065	https://scibulcom.net/en/article/7QXXrg0jCYo4leu2Tp7	Yes
772	Miniaturized Dual-Band Metamaterial-Loaded Antenna for Heterogeneous Vehicular Communication Networks	E. M. Malathy, I. R. Praveen Joe, P. Ajitha	Information Technology	IETE Journal of Research	2021	0974780X	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2021.1892539	Yes

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773	Secure data hiding by fruit fly optimization improved hybridized seeker algorithm	Roselin Kiruba, R., Sree Sharmila, T.	Information Technology	Multidim Syst Sign Process	2021	15730824	https://www.springer.com/journal/11045	https://doi.org/10.1007/s11045-019-00697-w	Yes
774	Understanding Lombard Speech: A Review of compensation techniques towards improving Speech Based Recognition Systems	Uma Maheswari S, Shahina A, and Nayeemulla Khan A	Information Technology	Artificial Intelligence Review	2021	2692821	https://www.springer.com/journal/10462	https://doi.org/10.1007/s10462-020-09907-5	Yes
775	Degenerative disc disease diagnosis from lumbar MR images using hybrid features	Beulah, T. Sree Sharmila, V.K. Pramod	Information Technology	The Visual Computer	2021	14322315	https://www.springer.com/journal/371	https://doi.org/10.1007/s00371-021-02154-x	Yes
776	Proactive maintenance of small wind turbines using IoT and machine learning models	Yoganand Selvaraj & Chithra Selvaraj	Information Technology	International Journal of Green Energy	2021	15435075	https://www.tandfonline.com/journals/lige20	https://doi.org/10.1080/15435075.2021.1930004	Yes
777	Assurance on data integrity in cloud data centre using PKI built RDIC method	Arulkumar, V., R. Lathanmanju, and A. Sandanakaruppan	Information Technology	Recent Trends in Communication and Electronics	2021	9.781E+12	https://www.taylorfrancis.com/books/edit/10.1201/9781003193838/recent-trends-communication-electronics-sanjay-sharma-astik-biswas-brajesh-kumar-kaushik-vibhav-sachan?refId=a2fd4ba-89f0-491e-be91-63f71b9f7339&context=ubx	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003193838-19/assurance-data-integrity-cloud-data-centre-using-pki-built-rdic-method-arulkumar-lathanmanju-sandanakaruppan	No

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778	Fruit-Fly optimization-based feature integration in image retrieval	Pavithra Latha Kumaresan, Subbulakshmi Pasupathi, Sindhia Lingaswamy, Sree Sharmila Thangaswamy, Vimal Shunmuganathan and Danilo Pelusi	Information Technology	Mathematical Biosciences and Engineering	2021	15471063	https://www.aimspress.com/journal/mbe	https://doi.org/10.3934/mbe.2021309	Yes
779	Tweet-scan-post: a system for analysis of sensitive private data disclosure in online social media	Geetha, R., Karthika, S. & Kumaraguru, P.	Information Technology	Knowledge and Information Systems	2021	2191377	https://www.springer.com/journal/10115	https://doi.org/10.1007/s10115-021-01592-2	Yes
780	Enhancing Speech Quality Using Artificial Bandwidth Expansion with Deep Shallow Convolution Neural Network Framework	N. Radha, R. B. Jananie, and A. Anto Silviya	Information Technology	Fluctuation and Noise Letters	2021	17936780	https://www.worldscientific.com/worldscinet/fnl	https://doi.org/10.1142/S0219477522500080	Yes
781	"Hybrid Bird Swarm Optimized Quasi Affine Algorithm Based Node Location in Wireless Sensor Networks	Malathy, E. M., Mythili Asaithambi, Alagu Dheeraj, and Kannan Arputharaj	Information Technology	Wireless Personal Communications	2021	1572834X	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-08934-x	Yes
782	A deep learning approach for robust speaker identification using chroma energy normalized statistics and mel frequency cepstral coefficients	Dr. A. Shahina	Information Technology	International Journal of Speech Technology	2021	13812416	https://www.springer.com/journal/10772	https://doi.org/10.1007/s10772-021-09888-y	Yes
783	Performance evaluation of encryption algorithm using fruit fly optimization improved hybridized seeker and PVD algorithm	R. Roselinkiruba and T. Sree Sharmila	Information Technology	International Journal of Information Technology	2021	2511-2112	https://www.springer.com/journal/41870	https://doi.org/10.1007/s41870-021-00774-z	Yes

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784	Impact of Singing Bowl Playing on the Brain Using EEG	Dr. Sundharakumar KB , Dr. Bhalaji N , Rema Devi R K , Dr. Srinivasan R	Information Technology	International Journal of Electrical Engineering and Technology	2021	9766545	https://www.researchgate.net/journal/INTERNATIONAL-JOURNAL-OF-ELECTRICAL-ENGINEERING-TECHNOLOGY-0976-6553	http://dx.doi.org/10.34218/IJEET.12.9.2021.006	Yes
785	Rumor Identification and Verification for Text in Social Media Content	P Suthanthira Devi, S Karthika	Information Technology	The Computer Journal	2021	14602067	https://academic.oup.com/comjnl	https://doi.org/10.1093/comjnl/bxab118	Yes
786	Optimized feature selection for early cancer detection	Uthayan K.R, Mohanavalli S., Nivetha B., Dhivya S,	Information Technology	Genetika	2021	18206069	https://doiserbia.nb.rs/Article.aspx?id=0534-00122103297U	https://doi.org/10.2298/GENSR2103297U	Yes
787	Metamaterial-loaded multiband antenna for embedded automotive Internet-of-Things communications	EM, Malathy, Thanikachalam V, Ruby, D, Manikandan N	Information Technology	International Journal of Communication Systems	2021	10991131	https://onlinelibrary.wiley.com/journal/10991131	https://doi.org/10.1002/dac.4941	Yes
788	IoT-Cloud Empowered Aerial Scene Classification for Unmanned Aerial Vehicles in Computers,	Dr. K. R. Uthayan	Information Technology	Computers, Materials & Continua	2021	15462218	https://www.techscience.com/journal/cmc	https://doi.org/10.32604/cmc.2022.021300	Yes
789	A novel data hiding by image interpolation using edge quad-tree block complexity	R. RoselinKiruba, T. Sree Sharmila	Information Technology	The Visual Computer	2021	14322315	https://www.springer.com/journal/371	https://doi.org/10.1007/s00371-021-02312-1	Yes
790	Reconstructed phase space portraits for detecting brain diseases using deep learning	N. Ilakiyaselvan, A. Nayeemulla Khan, A. Shahina	Information Technology	Biomedical Signal Processing and Control	2021	17468108	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://doi.org/10.1016/j.bspc.2021.103278	Yes
791	Intelligent Deep Learning Based Disease Diagnosis Using Biomedical Tongue Images	Dr V. Thanikachalam	Information Technology	Computers, Materials & Continua	2021	15462218	https://www.techscience.com/journal/cmc	http://dx.doi.org/10.32604/cmc.2022.020965	Yes

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792	EarNet: Biometric Embeddings for End-to-End Person Authentication System Using Transient Evoked Otoacoustic Emission Signals	Akshath Varugeese, A. Shahina, Khadar Nawas & A. Nayeemulla Khan	Information Technology	Neural Processing Letters	2021	13704621	https://www.springer.com/journal/11063	https://doi.org/10.1007/s11063-021-10546-2	Yes
793	End to end speech recognition of Tamil language	Mohamed Hashim C, Shahina A, Badri Narayanan M, and Nayeemulla Khan A	Information Technology	Intelligent Automation and Soft Computing	2021	10798587	https://www.techscience.com/journal/iasc	http://dx.doi.org/10.32604/iasc.2022.022021	Yes
794	Underwater Acoustic Image Denoising using Stationary Wavelet Transform and Various Shrinkage Functions	R. Priyadharsini, T. Sree Sharmila	Information Technology	Electronic Letters on Computer Vision and Image Analysis	2021	15775097	https://elcvia.cvc.uab.cat/index	https://doi.org/10.5565/rev/elcvia.1360	Yes
795	Recognition of hand signs based on geometrical features using machine learning and deep learning approaches	J. Kulandai Josephine Julina, T. Sree Sharmila	Information Technology	Revista Argentina De Clinica Psicologica	2021	3276716	https://www.revistaclinicapsicologica.com/	https://www.revistaclinicapsicologica.com/archivesarticle.php?id=589	Yes
796	TS-IoT: Trustworthy and Secure Smart Wearable Device for Child Tracking and Monitoring System	S. Chithra, R. Yugha, Aishwarya. S, Mythreyi.R, Niranjana Devi.V	Information Technology	LINGUISTICA ANTVERPIENSIA	2021	3042294	https://lans-tts.uantwerpen.be/index.php/LANS-TTS/index		Yes
797	Epileptic seizure detection using convolutional neural networks and recurrence plots of EEG signals	Sriya Ravi, Shreenidhi S, Shahina A, Ilakiselvan N, Nayeemulla Khan A	Information Technology	Multimedia Tools and Applications	2022	13807501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-021-11608-2	Yes
798	Texture Image Classification and Retrieval Using Multi-resolution Radial Gradient Binary Pattern	L. K. Pavithra, T. Sree Sharmila & P. Subbulakshmi	Information Technology	Applied Artificial Intelligence	2022	10876545	https://www.tandfonline.com/journals/uaai20	https://doi.org/10.1080/08839514.2021.2001176	Yes

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799	Veracity assessment by single and multi-source identification algorithms during the crisis	Suthanthiradevi, P., and S. Karthika	Information Technology	Journal of Intelligent & Fuzzy Systems	2022	18758967	https://content.iopress.com/journals/journal-of-intelligent-and-fuzzy-systems/Pre-press/Pre-press	https://doi.org/10.3233/JIFS-210540	Yes
800	Will I Regret for This Tweet?—Twitter User's Behavior Analysis System for Private Data Disclosure	R Geetha, S Karthika, Ponnuram Kumaraguru	Information Technology	The Computer Journal	2022	14602067	https://academic.oup.com/comjnl?login=false	https://doi.org/10.1093/comjnl/bxaa027	Yes
801	Data Analytics and Reporting API – A Reliable Tool for Data Visualization and Predictive Analysis	Joe Louis Paul Ignatius, Sasirekha Selvakumar, Spandana JSN, Subasri Govindarajan	Information Technology	Information Technology and Control	2022	1392124X	https://itc.ktu.lt/index.php/ITC/index	https://doi.org/10.5755/j01.itc.51.1.29467	Yes
802	“Enhanced Distributed Storage System Using Lower Triangular Matrix-Luby Transform Codes	Joe Louis Paul Ignatius and Sasirekha Selvakumar	Information Technology	Intelligent Automation and Soft Computing	2022	10798587	https://www.techscience.com/iasc/v33n3/47105	https://doi.org/10.32604/iasc.2022.024173	Yes
803	A Hybrid PSO-ACO Algorithm to Facilitate Software Project Scheduling	Praveen Joe I. R., Malathy E. M., Aishwarya S., Akila R., Akshaya A	Information Technology	International Journal of e-Collaboration	2022	15483681	https://www.igi-global.com/journal/international-journal-collaboration/1090	https://doi.org/10.4018/IJeC.304039	Yes
804	A new multi-stream approach using acoustic and visual features for robust speech recognition system	Radha, N., Shahina, A., Khan, A.N. and Velusami, J.R.S.,	Information Technology	Materials Today: Proceedings	2022	22147853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.03.537	Yes
805	An Effective Crack Identification in Civil Infrastructure with IoT and Improved Convolutional Neural Network	S. Yoganand and S. Chithra	Information Technology	International Journal of Structural Stability and Dynamics	2022	2194554	https://www.worldscientific.com/toic/ijssd/22/12	https://doi.org/10.1142/S0219455422501280	Yes

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806	A Layer-Wise Relevance Propagation Based Feature Selection and Hybrid Classification Model for Automatic Detection of Parkinson's Disease Using Gait Signals	Swathika R, Radha N	Information Technology	Revista Argentina de Clínica Psicológica	2022	3276716	https://www.revistaclinicapsicologica.com/	https://www.revistaclinicapsicologica.com/archivesarticle.php?id=594	No
807	Neutrosophic Approach of Segmentation On Thermal Images - Case Study: Drowsy Driving Application	Sofia Jennifer J, Sree Sharmila T	Information Technology	Neuro Quantology	2022	13035150	https://www.neuroquantology.com/archives?volume=Volume%2020&issue=No%208	https://www.neuroquantology.com/media/article_pdfs/2217-2229.pdf	Yes
808	A hybrid approach for analysis of brain lateralization in autistic children using graph theory techniques and deep belief networks	Vidhusha S, Kavitha A	Information Technology	International Journal of Biomedical Engineering and Technology	2022	17526418	https://www.inderscience.com/jhome.php?jcode=ijbet	https://dx.doi.org/10.1504/IJBET.2022.123258	Yes
809	A multimodal Lombard speech recognition system for the confusable Hindi syllabic units	S. Uma Maheswari, N. Radha, A. Shahina, P. Prabha, B.T. Preethi Sri, A. Nayeemulla Khan	Information Technology	Materials Today: proceedings	2022	22147853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.04.996	Yes
810	Design of Hierarchical Classifier to Improve Speech Emotion Recognition	P. Vasuki, C. Aravindan	Information Technology	Computer Systems Science and Engineering	2022	2676192	https://www.techscience.com/journal/csse	https://doi.org/10.32604/csse.2023.024441	Yes
811	Histogram Matched Chest X-rays Based Tuberculosis Detection Using CNN	Dr. I. Joe Louis Paul, Joe Louis Paul Ignatius, Sasirekha Selvakumar, Kavin Gabriel J, Aadithya B. Kailash, Keertivaas S, Akarvin Raja Prajan S. A. J	Information Technology	Computer Systems Science and Engineering	2022	2676192	https://www.techscience.com/journal/csse	https://doi.org/10.32604/csse.2023.025195	Yes

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812	An efficient hand gesture recognition based on optimal deep embedded hybrid convolutional neural network-long short term memory network model,	<i>Gajalakshmi Palanisamy, Sree Sharmila Thangaswamy</i>	Information Technology	Concurrency and computation: Practice and experience	2022	15320626	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.7109	Yes
813	An Efficient Edge Preserving Interpolation Method for Underwater Acoustic Image Resolution Enhancement	R. Priyadharsini and T. Sree Sharmila	Information Technology	Archives of Acoustics	2022	2300262X	https://acoustics.iopscience.iop.org/issue/2300262X	http://dx.doi.org/10.1002/24425%2Faoa.2022.141655	Yes
814	Gradient Boost-Modified Classifier with Particle Swarm Optimization and Stochastic Diffusion Search Method for Data Optimization in Wireless Sensor Networks	Dr E Suganya, AP	Information Technology	Ad-Hoc and Sensor Wireless Networks	2022	15519899	http://www.oldcitypublishing.com/journals/ahswn-home/	https://www.oldcitypublishing.com/journals/ahswn-home/ahswn-issue-contents/ahswn-volume-54-number-3-4-2022/21127-2/	Yes
815	Distance Vector-Hop (DV-Hop) and Differential Evolution (DE)-Based Interception Strategy for detecting Cross Border Infiltration in Underground Tunnel	S.Venkatesh, N.Bhalaji (2022)	Information Technology	Defence Science Journal	2022	0011748X	https://publications.drdo.gov.in/ojs/index.php/dsj/index	https://doi.org/10.14429/dsj.72.17207	Yes
816	An Enhanced and Efficient Permission manager for Android Automotives.	V.Sivamurugan and K.R. Uthayan	Information Technology	International Journal of Early Childhood Special Education	2022	308-5581	https://www.int-ijecse.net/archives?volume=Volume%2014&issue=Issue%206	10.148047/INTJECSE/V14I6.419	Yes
817	Clinical Decision Support System for Ophthalmologists for Eye Disease Classification	V.Sivamurugan, P.Indumathi, V.Thanikachalam & R.Rajakumar	Information Technology	IETE Journal of Research	2022	0974780X	https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2022.2101552	Yes

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818	Diabetic retinopathy diagnosis using interval neutrosophic segmentation with deep learning model	V. Thanikachalam, M. G. Kavitha and V. Sivamurugan	Information Technology	Computer Systems Science and Engineering	2022	2676192	https://www.techscience.com/journal/csse	https://doi.org/10.32604/csse.2023.026527	Yes
819	Alzheimer's Dementia: Diagnosis and Prognosis using Neuro-Imaging Analysis	Suganya E, Sountharajan, S, Karthiga, M and Rajan, C	Information Technology	Journal of Pharmaceutical Negative Results	2022	9769234	https://www.pnrijournal.com/index.php/home/about	https://doi.org/10.47750/pnr.2022.13.04.006	Yes
820	Identification and Diagnosis of Breast Cancer using a Composite Machine Learning Techniques	kanna G P, M.J A, Suganya E S, S S, R B, Geetha K	Information Technology	J Pharm Negative Results	2022	9769234	https://www.pnrijournal.com/index.php/home/about	https://doi.org/10.47750/pnr.2022.13.04.009	Yes
821	Cow Disease (LSD) Classification System for predicting different Severity levels.	V.Sivamurugan, K.R. Uthayan, and V. Thanikachalam	Information Technology	International Journal of Early Childhood Special Education (INT-JECSE)	2022	1308-5581	https://www.int-iecse.net/article/Cow+Disease+%2528LSD%2529+Classification+System+for+predicting+different+Severity+levels.5994/	https://www.int-iecse.net/media/article_pdfs/LSD_JOURNAL_PAPER_1.pdf	Yes
822	Blockchain based system for transfer of funds through an e-Governance application	Jansi Rani SELLA VELUSWAMI, Yamini LAKSHMI NARSIMHAN, Shivaani KRISHNAKUMAR, Radha NATARAJAN	Information Technology	Romanian Journal of Information Technology & Automatic Control/Revista Română de Informatică și Automatică	2022	1220-1758	https://rria.ici.ro/en/	http://dx.doi.org/10.33436/v32i4y202208	Yes
823	Optimum anamorphic image generation using image rotation and relative entropy	L. K. Pavithra, R. Srinivasan and T. Sree Sharmila	Information Technology	Multimedia Tools and Applications	2022	13807501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-022-12982-1	Yes

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824	Efficient Authentication System Using Wavelet Embeddings of Otoacoustic Emission Signals	V. Harshini, T. Dhanwin, A. Shahina, N. Safiyyah, A. Nayeemulla Khan	Information Technology	Computer Systems Science and Engineering	2022	2676192	https://www.techscience.com/journal/csse	https://www.techscience.com/csse/v45n2/50379	Yes
825	Impact of Process Induced Ellipticity on the Reset Process of Cylindrical Phase Change Memory Devices	Suresh Durai, K C Chandinin Devi, Srinivasan Raj, and Anbarasu Manivannan	Information Technology	Physica Scripta	2022	1402-4896	https://iopscience.iop.org/journal/1402-4896	10.1088/1402-4896/ac9dcd	Yes
826	Reconfigurable FET based Tunable Ring Oscillator and its single event effect performance	G Durga, Susantakumar Pal, and R Srinivasan	Information Technology	Journal of circuits, systems and computers	2022	0218-1266	https://www.worldscientific.com/worldscinet/jcsc	https://doi.org/10.1142/S0218126622400084	Yes
827	RDNN: Rumor Detection Neural Network for Veracity Analysis in Social Media Text	SuthanthiraDevi P and Karthika S	Information Technology	KSII Transactions on Internet and Information Systems	2022	19767277	https://itiis.org/abstract	https://itiis.org/digital-library/38210	Yes
828	Optimizing high-utility item mining using hybrid dolphin echolocation and Boolean grey wolf optimization	Pazhaniraja, N., Sountharajan, S., Suganya, E.	Information Technology	Journal of Ambient Intelligence and Humanized Computing	2022	18685145	https://link.springer.com/journal/12652	https://doi.org/10.1007/s12652-022-04488-3	Yes
829	A neutrosophic approach for glaucoma detection in retinal Images	J. Sofia Jennifer and T. Sree Sharmila	Information Technology	Proceedings of The Romanian Academy, Series A	2022	14549069	https://acad.ro/proceedings.htm	https://acad.ro/section/2002/proceedings/doc2022-4/proc_pag2022_n04.htm	Yes
830	Privacy Protected IoT-Blockchain using ZKP for Healthcare application	Yugha R, S. Chithra, N. Bhalaji and S. Karthika	Information Technology	Journal of Control Engineering and Applied Informatics	2022	14548658	http://www.ceai.srait.ro/index.php?journal=ceai	http://www.ceai.srait.ro/index.php?journal=ceai&page=issue&op=view&path%5B%5D=333	Yes

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831	Measuring the accuracy of Satellite Image Dataset using Fusion based Classification with Neural Networks	Radha N Swathika R	Information Technology	NeuroQuantology	2022	13035150	https://www.neuroquantology.com/archives?volume=Volume%2020&issue=No%2011	https://www.neuroquantology.com/media/article_pdfs/3040-3051.pdf	Yes
832	Hybrid convolutional neural network for plant diseases prediction	S. Poornima, N. Sripriya, A. F. Alrasheedi, S. S. Askar and M. Abouhawwash	Information Technology	<i>Intelligent Automation & Soft Computing</i>	2023	10798587	https://www.techscience.com/journal/iasc	https://doi.org/10.32604/iasc.2023.024820	Yes
833	Federated blockchain model for cyber intrusion analysis in smart grid networks	Dr. S. Sasirekha	Information Technology	Intelligent Automation & Soft Computing	2023	10798587	https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=10798587&AN=161267686&h=trs9uSbjCNxfzMuCABjsR8YVYgVTo21kLqJD4nNfSalEYHP85Yj%2fLjOTuxTHadmlqMRBe%2fKTVRJDj5I8CP4Qrg%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d10798587%26AN%3d161267686	https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=10798587&AN=161267686&h=trs9uSbjCNxfzMuCABjsR8YVYgVTo21kLqJD4nNfSalEYHP85Yj%2fLjOTuxTHadmlqMRBe%2fKTVRJDj5I8CP4Qrg%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d10798587%26AN%3d161267686	Yes

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834	A Neutrosophic Set Approach on Chest X-rays for Automatic Lung Infection Detection	Sofia Jennifer J, Sree Sharmila T,	Information Technology	Information Technology and Control	2023	1392124X	https://itc.ktu.lt/index.php/ITC/article/view/31520	https://itc.ktu.lt/index.php/ITC/article/view/31520	Yes
835	Single event performance of FED based SRAMs using numerical simulation	<u>Sasikala PanneerSelvam,</u> <u>Susanta Kumar Pal,</u> <u>Premanand Venkatesh</u> <u>Chandramani, Srinivasan Raj</u>	Information Technology	Microelectronics Reliability	2023	0026-2714	https://www.sciencedirect.com/journal/microelectronics-reliability	https://doi.org/10.1016/j.microrel.2023.114930	Yes
836	Scalable Scalable Hridaya kolam and Aishwarya kolam	Srinivasan R	Information Technology	Journal of Mathematics and Arts	2023	1751-3472	https://www.tandfonline.com/journals/tmaa20	https://doi.org/10.1080/17513472.2023.2185055	Yes
837	Classification of skin cancer from dermoscopic images using deep neural network architectures	Jaisakthi S M, Mirunalini P & Chandrabose Aravindan, Rajagopal Appavu	Information Technology	Multimedia Tools and Applications	2023	13807501	https://link.springer.com/journal/11042	https://doi.org/10.1007/s11042-022-13847-3	Yes
838	Miniaturized multi-spectral perfect metamaterial absorber for THz sensing, imaging and spectroscopic applications	Swathika Rengasamy, Radha Natarajan	Information Technology	Plasmonics	2023	1557-1963	https://www.springer.com/journal/11468	https://www.springer.com/journal/11468	Yes
839	Hybrid intelligent intrusion detection system for multiple Wi-Fi attacks in wireless networks using stacked restricted Boltzmann machine and deep belief networks	Nivaashini Mathappan, Suganya Elavarasan, Sountharajan Sehar	Information Technology	Concurrency and Computation: Practice and Experience	2023	1532-0634	https://onlinelibrary.wiley.com/journal/15320634	https://doi.org/10.1002/cpe.7769	Yes
840	Assessment and classification of grid stability with cost-sensitive stacked ensemble classifier	Karthikeyan Ramasamy, Arivoli Sundaramurthy & Durgadevi Velusamy	Information Technology	Automatika	2023	0005-1144	https://www.tandfonline.com/journals/taut20	https://doi.org/10.1080/00051144.2023.218164	Yes
841	A Transformer Approach for Multi-Document Summarization using TR-BERT	Divya S, Sripriya N, Mohanavalli S and Mirunalini P	Information Technology	Indian Journal of Natural Sciences	2023	0976-0997	https://tnsroindia.org.in/journals.html		Yes

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842	Automated Detection and Segmentation of Mammogram Images using Deep Learning Techniques	Dhivya, S., Mohanavalli, S., Kavitha, S & Sripriya N	Information Technology	Indian Journal of Natural Sciences	2023	0976-0997	https://tnsroindia.org.in/journals.html		Yes
843	Classification of inter-patient's cardiac arrhythmias in ECG signals with enhanced Jaya optimized TQWT parameters and stacked ensemble algorithm	<u>Karthikeyan Ramasamy</u> , <u>Kiruthika Balakrishnan1</u> , <u>Durgadevi Velusamy</u>	Information Technology	Soft Computing	2023	1433-7479	https://www.springer.com/journal/500	https://doi.org/10.1007/s00500-023-08688-7	Yes
844	Automated carcinoma classification using efficient nuclei-based patch selection and deep learning techniques	Dhivya, S., Mohanavalli, S., and Kavitha, S.	Information Technology	<u>Journal of Intelligent & Fuzzy Systems: Applications in Engineering and Technology</u>	2023	1064-1246	https://dl.acm.org/doi/abs/10.3233/JIFS-222136	https://dl.acm.org/doi/abs/10.3233/JIFS-222136	Yes
845	Event-Based Epileptic Seizure Detection with Stacked Convolutional Restricted Boltzmann Machine	Visalini K., Saravanan Alagarsamy & Nagarajan D	Information Technology	IETE Journal of Research	2023	0377-2063	https://www.tandfonline.com/journals/tjir20	https://doi.org/10.1080/03772063.2023.234854	Yes
846	Attention U 2 Nets Cascaded UNets with Modified Skip Connection for Breast Tumor Segmentation	S. Dhivya, S. Mohanavalli, K. B. Sundharakumar, I. Thamarai	Information Technology	<u>Neural Processing Letters</u>	2023	1573-773X	https://link.springer.com/journal/11063	https://doi.org/10.1007/s11063-023-11400-3	Yes
847	FLOOD SUSCEPTIBILITY IN URBAN ENVIRONMENT USING MULTI-LAYERED NEURAL NETWORK MODEL FROM SATELLITE IMAGERY SOURCES	Swathik R, N Radha, SP Sasirekha, S	Information Technology	Global Nest Journal	2023	1790-7632	https://journal.gnest.org/i/v/25/i/8	https://doi.org/10.30955/gni.005139	Yes
848	A Miniaturized Penta-band Metamaterial THz Absorber for Sensing and Imaging Application	Swathika Rengasamy, Radha Natarajan, Kuttathati Srinivasan	Information Technology	Plasmonics	2023	1557-1963	https://www.springer.com/journal/11468	https://www.springer.com/journal/11468	Yes

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849	AI-enabled metaheuristic optimization for predictive management of renewable energy production in smart grids	S Sankarananth, M Karthiga, E Suganya, S Sountharajan, Durga Prasad Bavirisetti	Information Technology	Energy Reports	2023	2352-4847	https://www.sciencedirect.com/journal/energy-reports	https://doi.org/10.1016/j.egyr.2023.08.005	Yes
850	Fake news detection using a deep learning transformer based encoder-decoder architecture	Narayanan, M. Badri; * Ramesh, Arun Kumar Gayathri, K.S. Shahina, A.	Information Technology	Journal of Intelligent & Fuzzy Systems	2023	1064-1246	https://content.iopress.com/journals/journal-of-intelligent-and-fuzzy-systems/Pre-press/Pre-press	https://doi.org/10.3233/JIFS-223980	Yes
851	Deep Learning based Pulmonary Embolism Detection using Convolutional Feature Maps of CT Pulmonary Angiography Images	Dr. A. Shahina	Information Technology	Procedia Computer Science	2023	1877-0509	https://www.sciencedirect.com/journal/procedia-computer-science/about/insights		Yes
852	Cognitive decline assessment using semantic linguistic content and transformer deep learning architecture	Rini PL, Gayathri KS	Information Technology	The International Journal of Language & Communication Disorders (IJLCD)	2023	1460-6984	https://onlinelibrary.wiley.com/journal/14606984	https://doi.org/10.1111/1460-6984.12973	Yes
853	Categorization of Indian residential consumers electrical energy consumption pattern using clustering and classification techniques	Somasundaram Palaniappan, Sundararaju Karuppannan, Durgadevi Velusamy,	Information Technology	Energy	2023	1873-6785	https://www.sciencedirect.com/journal/energy	https://doi.org/10.1016/j.energy.2023.129992	Yes
854	Modelling and analysis of packed bed column for the effective removal of zinc from aqueous solution using dual surface modified biomass	A. Saravanan, P. Senthil Kumar*, M. Yaswanthraj	Chemical Engineering	Particulate Science and Technology	2018	0272-6351	https://www.tandfonline.com/journals/upst20	https://www.tandfonline.com/doi/abs/10.1080/02726351.2017.1329243	Yes

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855	Chitosan as a biosorbent for adsorption of Iron from fracking wastewater	Aditya R. Kaveeshwar, Melanie Sanders, Senthil Kumar Ponnusamy, Dilip Depan, Ramalingam Subramaniam	Chemical Engineering	Polymers for Advanced Technologies	2018	1042-7147	https://onlinelibrary.wiley.com/journal/10991581	https://onlinelibrary.wiley.com/doi/abs/10.1002/pat.4207	Yes
856	Fast kinetics and high adsorption capacity of green extract capped superparamagnetic iron oxide nanoparticles for the adsorption of Ni(II) ions	K. Nithya, Asha Sathish, P. Senthil Kumar, T. Ramachandran	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2018	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.sciencedirect.com/science/article/pii/S1226086X17305683	Yes
857	Carbon sphere: Synthesis, characterization and elimination of toxic Cr(VI) ions from aquatic system	P. Senthil Kumar*, R. Sivaranjane, P. Sundar Rajan, A. Saravanan	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2018	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.sciencedirect.com/science/article/pii/S1226086X17306226	Yes
858	Influence of ultrasonic waves on preparation of active carbon from coffee waste for the reclamation of effluents containing Cr(VI) ions	S. Suganya, P. Senthil Kumar*	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2018	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.sciencedirect.com/science/article/pii/S1226086X17306342	Yes
859	Treatment of dye wastewater using an ultrasonic aided nanoparticle stacked activated carbon: kinetic and isotherm modelling	P. Senthil Kumar*, Sunita J. Varjani, S. Suganya	Chemical Engineering	Bioresource Technology	2018	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852417321016	Yes

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860	Pecan Shell based Activated Carbon for Removal of Iron (II) from Fracking Wastewater: Adsorption Kinetics, Isotherm and Thermodynamic Studies	Aditya Rajeev Kaveeshwar, P. Senthil Kumar, Emmanuel D. Revellame, Daniel D. Gang, Mark E. Zappi, S. Ramalingam*	Chemical Engineering	Process Safety and Environmental Protection	2018	0957-5820	https://www.sciencedirect.com/journal/process-safety-and-environmental-protection	https://www.science.org/doi/abs/pii/S095758201730410X	Yes
861	Isolation, Structure elucidation and anticancer activity from Brevibacillus brevis EGS 9 that combats Multi Drug Resistant actinobacteria	T. Arumugam, P. Senthil Kumar*, R.V. Hemavathy, V. Swetha, R. Karishma Sri	Chemical Engineering	Microbial Pathogenesis	2018	0882-4010	https://www.sciencedirect.com/journal/microbial-pathogenesis	https://www.science.org/doi/abs/pii/S0882401017316704	Yes
862	Intensified degradation of pharmaceutical effluents by Novel Aerobic Iron-swarf activated molecular oxygen in the presence of ascorbic acid	S. Nachiappan, P. Senthil Kumar*, K. P. Gopinath, V. Rajinikanth, R. Baskaran, A. Babu Ponnusami	Chemical Engineering	Desalination and Water Treatment	2018	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_102/102_2018_273.pdf	Yes
863	Nano-Zero Valent Iron Impregnated Cashew Nut Shell: A Solution to Heavy Metal Contaminated Water / Wastewater	P. Senthil Kumar*, Akshaya S Nair, R. Ananya, A. Saravanan	Chemical Engineering	IET Nanobiotechnology	2018	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2017.0264	Yes
864	Modelling and analysis on the removal of methylene blue dye from aqueous solution using physically/chemically modified Ceiba pentandra seeds	G. Manikandan, P. Senthil Kumar*, A. Saravanan	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2018	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.science.org/doi/abs/pii/S1226086X18300443	Yes
865	Theoretical and experimental investigation on the removal of oil spill by selective sorbents	N. Pavithra, R. Abhaiguru, U. Avinash, D. Gnana Prakash, P. Senthil Kumar*	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2018	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.science.org/doi/abs/pii/S1226086X18300480	Yes

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866	Mass transfer and thermodynamic analysis on the removal of naphthalene from aqueous solution using oleic acid modified palm shell activated carbon	J. Aravind Kumar, P. Senthil Kumar*, D. Joshua Amarnath, C. Sai Kaushik, M. Edwin Varghese, A. Saravanan	Chemical Engineering	Desalination and Water Treatment	2018	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_106/106_2018_238.pdf	Yes
867	Kinetic and Thermodynamic analysis for the redemption of effluents containing Solochrome Black T onto Powdered activated carbon: A validation of new Solid-Liquid phase equilibrium model	S.Suganya, P.Senthil Kumar*	Chemical Engineering	Journal of Molecular Liquids	2018	0167-7322	https://www.sciencedirect.com/journal/journal-of-molecular-liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732217355071	Yes
868	Hybrid synthesis of novel material through acid modification followed ultrasonication to improve adsorption capacity for zinc removal	A. Saravanan, P. Senthil Kumar*, A. Annam Renita	Chemical Engineering	Journal of Cleaner Production	2018	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652617324083	Yes
869	Experimental Investigation on Bisphenol A and its Leaching Properties in Various Repositories: Real Time Analysis	V. Vishal, P. Senthil Kumar*, V. Prasanna, B. Sudhan	Chemical Engineering	Desalination and Water Treatment	2018	1944-3994	https://www.deswater.com/home.php	https://www.cabidigitallibrary.org/doi/full/10.5555/20183323175	Yes
870	Adsorption properties and mechanism of barium (II) and strontium(II) removal from fracking wastewater using pecan shell based activated carbon	A. R. Kaveeshwar, P. Senthil Kumar, E. D. Revellame, D. D. Gang, M. E. Zappi, S. Ramalingam	Chemical Engineering	Journal of Cleaner Production	2018	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652618313684	Yes
871	A rapid method based on computer vision for the analysis of hardness and eutrophication levels in water bodies	G. Sivaranjani, P. Senthil Kumar*, K.P. Gopinath	Chemical Engineering	Desalination and Water Treatment	2018	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_123/123_2018_52.pdf	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
872	Enhanced adsorption of Cu ²⁺ , Ni ²⁺ , Cd ²⁺ and Zn ²⁺ ions onto physico-chemically modified agricultural waste: Kinetics, isotherm and thermodynamic studies	A. Murugesan*, M. Divakaran, P. Senthil Kumar	Chemical Engineering	Desalination and Water Treatment	2018	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_122/122_2018_176.pdf	Yes
873	Evaluation of environmental aspects of brew waste-based carbon production and its disposal scenario	S. Suganya, P. Senthil Kumar*	Chemical Engineering	Journal of Cleaner Production	2018	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652618325022	Yes
874	Ultrasound intensified saccharification of <i>Chlorella vulgaris</i> , isolated from municipal wastewater	T. Siva Kumar, P. Senthil Kumar*	Chemical Engineering	Desalination and Water Treatment	2018	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_131/131_2018_187.pdf	Yes
875	Adsorption capability of surface modified Jujube seeds for Cd(II), Cu(II) and Ni(II) ions removal: Mechanism, equilibrium, kinetic and thermodynamic analysis	R. Gayathri, K.P. Gopinath*, P. Senthil Kumar*, S. Suganya	Chemical Engineering	Desalination and Water Treatment	2019	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_140/140_2019_268.pdf	Yes
876	Modelling on the removal of Cr(VI) ions from aquatic system using mixed biosorbent (<i>Pseudomonas stutzeri</i> and acid treated Banyan tree bark)	P.R. Yaashikaa, P. Senthil Kumar*, V. P. Mohan Babu, R. Kanaka Durga, V. Manivasagan, K. Saranya, A. Saravanan	Chemical Engineering	Journal of Molecular Liquids	2019	0167-7322	https://www.sciencedirect.com/journal/journal-of-molecular-liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732218350141	Yes
877	Enrichment of bio-oil after hydrothermal liquefaction (HTL) of microalgae <i>C. vulgaris</i> grown in wastewater: Bio-char and post HTL wastewater utilization studies	Jayaseelan Arun, Padmanabhan Varshini, P. Kamath Prithvinath, Venkataramani Priyadarshini, Kannappan Panchamoorthy Gopinath	Chemical Engineering	Bioresource Technology	2018	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S096085241830542X	Yes

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878	Potential applications of ionic liquids (IL) for the treatment of synthetic turbid water (STW)	Judith Emilian Christy S. S, Ambedkar Balraj, Anantharaj Ramalingam *, Dhanalakshmi Jayaraman	Chemical Engineering	Journal of Molecular Liquids	2018	0167-7322	https://www.sciencedirect.com/journal/journal-of-molecular-liquids	https://www.science.org/abstract/pii/S0167732217330544	Yes
879	Synthesis of itaconic acid from agricultural waste using novel Aspergillus niveus	Ramakrishnan Gnanasekaran, Balaji Dhandapani, Kannappan Panchamoorthy Gopinath, Jeyaraj Iyyappan	Chemical Engineering	Preparative Biochemistry and Biotechnology	2018	1082-6068	https://www.tandfonline.com/journals/lpbb20	https://pubmed.ncbi.nlm.nih.gov/29889619/	Yes
880	Biosorption of methylene blue dye by chemically modified Aspergillus japonicus MG183814: kinetics, thermodynamic and equilibrium studies	Ramakrishnan Gnanasekaran, Balaji Dhandapani, Anbalagan Saravanan	Chemical Engineering	Desalination and Water Treatment	2018	19443986	https://www.deswater.com/home.php	http://www.deswater.com/DWT_abstracts/vol_122/122_2018_132.pdf	Yes
881	Removal of Zn(II) ions from aqueous solution using chemically modified Annona reticulata seeds: kinetics, isotherm and thermodynamics	Kilaru Harsha Vardhan*, Rames C. Panda*, A. Saravanan	Chemical Engineering	Desalination and Water Treatment	2018	19443986	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_122/122_2018_66.pdf	Yes
882	A DFT method analysis for formation of hydrogen rich gas from acetic acid by steam reforming process	Md.Arafat Hossain, J.Jewaratnam, R.Anantharaj, J.N.Sahu, P.Ganesan	Chemical Engineering	Fuel,	2018	162361	https://www.sciencedirect.com/journal/fuel/vol/212/suppl/C	https://doi.org/10.1016/j.fuel.2017.09.098	Yes
883	Crystallization, non-isothermal kinetics and structural analysis of nanocrystalline multiferroic bismuth ferrite (bifeo3) synthesized by combustion method	M Manonmani, V.Jaikumar, S Gokul Raj, G Ramesh Kumar	Chemical Engineering	Journal of Thermal Analysis and Calorimetry	2019	1388-6150	https://link.springer.com/journal/10973	https://doi.org/10.1007/s10973-019-08251-3	Yes

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884	A study of the magnetic, hemocompatibility and electrochemical properties of BiFeO ₃ (BFO)/CoFe ₂ O ₄ –(CFO) nanocomposite.	M Manonmani, V.P.Senthil, J.Gajendiran, J Ramana Ramya, N.Sivakumar V.Jaikumar, S Gokul Raj, G Ramesh Kumar	Chemical Engineering	Journal of Materials Science: Materials in Electronics	2019	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-019-01437-3	Yes
885	Influences of nano zero valent ion and Fe ²⁺ supported kaolin nanoparticles for metal ion separation thorough ultrafiltration	K.Thiyagarajan, G.Arthanareeswaran, Jihyang Kweon, Diganta B.Das, V.Jaikumar	Chemical Engineering	Desalination and water treatment	2019	1944-3994	https://www.deswater.com/home.php	doi:10.5004/dwt.2019.24102	Yes
886	Adsorption of an anionic dye onto native and chemically modified agricultural waste	M.P. Premkumar K. Sowmya, P. Senthil Kumar, V. Vinothkumar, V. Sathyaselvabala, D. Anuradha, S. Sivanesan	Chemical Engineering	Environmental Engineering and Management Journal	2019	15829596	https://eemi.eu/index.php/EEMJ/index	https://eemi.eu/index.php/EEMJ/article/view/3791	Yes
887	Management of printed circuit boards by newly designed thermal pyrolytic process: process optimization by RSM approach	A. Jayapradha, J.AbbasMohaideen, P. Senthil Kumar*, V.Kavitha, G.Narendrakumar	Chemical Engineering	Environmental Progress & Sustainable Energy	2019	1944-7442	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13002	Yes
888	Enhanced Photocatalytic Activity of Environment-Friendly C/ZnFe ₂ O ₄ nanocomposites : Application in Dye Removal	Sunitha Salla*, Nageswara Rao Ankem, P. Senthil Kumar* Annam Renita.A, Kavin Micheal	Chemical Engineering	Desalination and Water Treatment	2019	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_137/137_2019_395.pdf	Yes
889	In vitro evaluation of biodegradable nHAP-Chitosan-Gelatin based scaffold for tissue engineering application	S. Thariga, R. Subashini, S. Pavithra, P. Meenachi, S. Prasanna Kumar, P. Bala Shanmugam, P. Senthil Kumar*	Chemical Engineering	IET Nanobiotechnology	2019	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2018.5204	Yes

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890	Investigating the prospects of bacterial biosurfactants for metal nanoparticle synthesis - A comprehensive review	Femina Carolin C, P. Senthil Kumar*, G. Janet Joshiba, R. Racchana	Chemical Engineering	IET Nanobiotechnology	2019	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2018.5184	Yes
891	Removal of toxic heavy metals from soil environment by phytoremediation: A survey on application and future prospects	A. Saravanan, P.R. Yaashikaa, R.V. Hemavathy, P. Senthil Kumar, D. Yuvaraj, S. Jeevanantham	Chemical Engineering	Environmental Technology & Innovation	2019	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.sciencedirect.com/science/article/abs/pii/S2352186418304498	Yes
892	Removal of Colorants from Wastewater : A Review on Sources and Treatment Strategies	K. Grace Pavithra, P. Senthil Kumar*, V. Jaikumar, P. Sundar Rajan	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2019	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://doi.org/10.1016/j.jiec.2019.02.011	Yes
893	Modelling on the removal of toxic metal ions from aquatic system by different surface modified Cassia fistula seeds	R.V. Hemavathy, P. Senthil Kumar*, S. Suganya, V. Swetha, Sunita J Varjani	Chemical Engineering	Bioresource Technology	2019	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852419302779	Yes
894	An investigation of adsorption parameters on ZVI-AC nanocomposite in the displacement of Se(IV) ions through CCD analysis	S. Suganya, P. Senthil Kumar*	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2019	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.sciencedirect.com/science/article/pii/S1226086X19301169	Yes
895	Modelling on the removal of dye from industrial wastewater using surface improved Enteromorpha intestinalis	A. Saravanan, P. Senthil Kumar*, P. R. Yaashikaa, S. Kanmani, R. Hamsha Varthine, C.M. Matham Muthu, D. Yuvaraj	Chemical Engineering	International Journal of Environmental Research	2019	1735-6865	https://link.springer.com/journal/41742	https://link.springer.com/article/10.1007/s41742-019-00181-0	Yes

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896	Critical review on biological treatment strategies of dairy wastewater	G. Janet Joshiba, P. Senthil Kumar*, Femina Carolin C, Eunice Jayashree, R. Racchana, S. Sivanesan	Chemical Engineering	Desalination and Water Treatment	2019	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_articles/vol_160_papers/160_2019_94.pdf	Yes
897	A review on cleaner strategies for chromium industrial wastewater: Present research and future perspective	K. Grace Pavithra, V. Jaikumar, P. Senthil Kumar*, P. Sundar Rajan	Chemical Engineering	Journal of Cleaner Production	2019	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://doi.org/10.1016/j.jclepro.2019.04.117	Yes
898	Estimation of MHD Radiative Nanofluid Flow over a Porous Nonlinear Stretching Surface : Application in Biomedical Research	M. Elayarani, M. Shanmugapriya, P. Senthil Kumar*	Chemical Engineering	IET Nanobiotechnology	2019	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2018.5427	Yes
899	A review on Photochemical, Biochemical and Electrochemical Transformation of CO2 into value-added products	P.R. Yaashikaa, P. Senthil Kumar*, Sunita J Varjani, A. Saravanan	Chemical Engineering	Journal of CO2 Utilization	2019	2212-9839	https://www.sciencedirect.com/journal/journal-of-co2-utilization	https://sciencedirect.com/science/article/abs/pii/S2212982019302148	Yes
900	Insights of Chitosan Magnetic Nano Particles in Water Pollution Control	G. Janet Joshiba, P. Senthil Kumar*, Femina Carolin C, Bharath Balji G	Chemical Engineering	IET Nanobiotechnology	2019	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2019.0030	Yes
901	A review on heavy metal pollution, toxicity and remedial measures: current trends and future perspectives	Kilaru Harsha Vardhan, P. Senthil Kumar*, Rames C. Panda	Chemical Engineering	Journal of Molecular Liquids	2019	0167-7322	https://www.sciencedirect.com/journal/journal-of-molecular-liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732219317684	Yes

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902	A Critical Review on Recent Developments in the Low Cost Adsorption of Dyes from Wastewater	P. Senthil Kumar*, G. Janet Joshiba, Femina Carolin C, P. Varshini, S. Priyadharshini, M. S. Arun Karthick, R. Jothirani	Chemical Engineering	Desalination and Water Treatment	2019	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_articles/vol_172_papers/172_2019_395.pdf	Yes
903	Treatment of fluoride-contaminated water. A review	P. Senthil Kumar*, S. Suganya, S. Srinivas, S. Priyadharshini, M. Karthika, R. Karishma Sri, V. Swetha, Mu. Naushad*, Eric Lichtfouse	Chemical Engineering	Environmental Chemistry Letters	2019	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-019-00906-9	Yes
904	One Pot Green Synthesis of Nano Magnesium Oxide-Carbon Composite: Preparation, Characterization and application towards Anthracene adsorption	A.K. Jagadeesan, J.A. Duvuru, Anuradha Jabasingh S, Senthil Kumar P, V.A. Kabali, N. Gopakumaran, K.R.N. Selvaraj, K. Thangavelu, S. Sunny, P.P. Somasundaram, Y. Devarajan	Chemical Engineering	Journal of Cleaner Production	2019	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652619325417	Yes
905	Redemption of Acid Fuchsin Dye from Wastewater using De-oiled Biomass : Kinetics and Isotherm Analysis	Annam Renita A, P. Senthil Kumar*, Anuradha Jabasingh S	Chemical Engineering	Bioresource Technology Reports	2019	2589-014X	https://www.sciencedirect.com/journal/bioresource-technology-reports	https://www.sciencedirect.com/science/article/abs/pii/S2589014X19301902	Yes
906	Advances in production and application of biochar from lignocellulosic feedstocks for remediation of environmental pollutants	P. R. Yaashikaa, P. Senthil Kumar#, Sunita J. Varjani#, A. Saravanan	Chemical Engineering	Bioresource Technology	2019	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S096085241931260X	Yes

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907	Ultrasonic-assisted synthesis of Populus alba activated carbon for water defluorination: Laboratory and field efforts	Ziaeddin Bonyadi, P. Senthil Kumar, Rauf Foroutan, Raheleh Kafaei, Hossein Arfaeinia, Bahman Ramavandi	Chemical Engineering	Korean Journal of Chemical Engineering	2019	0256-1115	https://link.springer.com/journal/11814	10.1007/s11814-019-0373-0	Yes
908	Molecular characterization of chromium resistant gram-negative bacteria isolated from industrial effluent: Bioremedial activity	P. R. Yaashikaa, P. Senthil Kumar*, A. Saravanan	Chemical Engineering	Journal of Industrial and Engineering Chemistry	2019	1226-086X	https://www.sciencedirect.com/journal/journal-of-industrial-and-engineering-chemistry	https://www.sciencedirect.com/science/article/pii/S1226086X19304526	Yes
909	Analysis of entrance region flow of Bingham nanofluid in concentric annuli with rotating inner cylinder	S. Mullai Venthan*, I. Jayakaran Amalraj, P. Senthil Kumar	Chemical Engineering	Micro & Nano Letters	2019	1750-0443	https://ietresearch.onlinelibrary.wiley.com/journal/17500443	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/mnl.2019.0437	Yes
910	Effects of Process Parameters on Hydrothermal Liquefaction of Microalgae Biomass Grown in Municipal Wastewater	J. Arun, K.P. Gopinath, S.J. Shreekanth, R. Sahana, M.S. Raghavi, D. Gnana Prakash	Chemical Engineering	Petroleum Chemistry	2019	0965-5441	https://link.springer.com/journal/11494	https://link.springer.com/article/10.1134/S0965544119020026	Yes
911	Biodegradation of Sodium Diclofenac and Mefenamic Acid: Kinetic studies, identification of metabolites and analysis of enzyme activity	Shabnam Murshid, GnanaPrakash Dhakshinamoorthy	Chemical Engineering	International Biodeterioration & Biodegradation	2019	0964-8305	https://www.sciencedirect.com/journal/international-biodeterioration-and-biodegradation/vol/144/suppl/C	https://www.sciencedirect.com/science/article/abs/pii/S0964830519305852	Yes

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912	Hydrothermal liquefaction of Scenedesmus abundans biomass spent for sorption of petroleum residues from wastewater and studies on recycling of post hydrothermal liquefaction	Panneerselvam Sundar Rajan, Kannappan Panchamoorthy Gopinath, Jayaseelan Arun, Kirubanandam Grace Pavithra	Chemical Engineering	Bioresource Technology	2019	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.science.org/doi/abs/pii/S0960852419304365	Yes
913	A review on cleaner production of biofuel feedstock from integrated CO2 sequestration and wastewater treatment system	PanneerSelvam SundarRajan, Kannappan Panchamoorthy Gopinath, Darren Greetham, Adithya Joseph Antonysamy	Chemical Engineering	Journal of Cleaner Production	2019	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.science.org/doi/abs/pii/S0959652618334103	Yes
914	Co-liquefaction of Prosopis juliflora with polyolefin waste for production of high grade liquid hydrocarbons	Jayaseelan Arun, Kannappan Panchamoorthy Gopinath, PanneerSelvam SundarRajan, Marudai JoselynMonica, Vargees Felix	Chemical Engineering	Bioresource Technology	2019	9608524	https://www.sciencedirect.com/journal/bioresource-technology	https://doi.org/10.1016/j.biortech.2018.11.102	Yes
915	Determining the feasibility of H2O2 production at a graphite cathode using bond dissociation energy: comparing simple and nitrogen doped cathodes”	Anam Asghar, Abdul Aziz Abdul Raman, Wan Mohd Ashri Wan Daud, R.Anantharaj, Sharifuddin Bin Md Zain	Chemical Engineering	Research on Chemical Intermediates	2019	0922-6168	Home Research on Chemical Intermediates (springer.com)	Determining the feasibility of H2O2 production at a graphite cathode using bond dissociation energy: comparing simple and nitrogen doped cathodes Research on Chemical Intermediates (springer.com)	Yes

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916	Evaluation of Molecular Behaviour of Priority of Water Pollutants with Ionic Liquids: COSMO based Approach	M.S.Vivek, R. Anantharaj, S. Shyam, N. Mayuri	Chemical Engineering	Industrial & Engineering Chemistry Research	2019	15205045	Industrial & Engineering Chemistry Research Vol. 58 No. 1 - ACS Publications	Evaluation of Molecular Behavior of Priority of Water Pollutants with Ionic Liquids: COSMO Based Approach Industrial & Engineering Chemistry Research (acs.org)	Yes
917	Improved itaconic acid production by Aspergillus niveus using blended algal biomass hydrolysate and glycerol as substrates,	Ramakrishnan Gnanasekaran, Balaji Dhandapani, Jayaraj Iyyappan	Chemical Engineering	Bioresource Technology	2019	9608524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852419304705?via%3Dihub	Yes
918	Modeling of thermal conductivity and density of alumina/silica in water hybrid nanocolloid by the application of Artificial Neural Networks	Sathishkumar Kannaiyan, Chitra Boobalan, Fedal Castro Nagarajan, Srinivas Sivaraman	Chemical Engineering	Chinese Journal of Chemical Engineering	2019	1004-9541	https://www.sciencedirect.com/journal/chinese-journal-of-chemical-engineering	https://www.sciencedirect.com/science/article/pii/S1004954118304646	Yes
919	Development of electrospun PVdF polymer membrane as separator for supercapacitor applications	R.Arthi, V.Jaikumar, P.Muralidharan	Chemical Engineering	Energy sources, Part A: Recovery, Utilization and Environmental Effects	2019	1556-7036	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2019.1649746	Yes
920	Fabrication of novel amine functionalized magnetic silica nanoparticles for toxic metals: kinetic and isotherm modelling	G. Janet Joshiba, P. Senthil Kumar*, Femina Carolin C, G. Pooja, V. Vinoth Kumar	Chemical Engineering	Environmental Science and Pollution Research	2019	1614-7499	https://link.springer.com/journal/11356	https://pubmed.ncbi.nlm.nih.gov/31041712/	Yes

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921	Modeling and Cr(VI) ion uptake kinetics of Sorghum bicolor plant assisted by Plant growth promoting Pannonibacter phragmitis: An ecofriendly approach	P.R. Yaashikaa, P. Senthil Kumar*, A. Saravanan	Chemical Engineering	Environmental Science and Pollution Research	2019	1614-7499	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-019-05764-0	Yes
922	Potential of plant-based photosensitizers in dye-sensitized solar cell applications	N.T. Mary Rosana, D. Joshua Amarnath, P. Senthil Kumar* K.L. Vincent Joseph	Chemical Engineering	Environmental Progress & Sustainable Energy	2019	1944-7442	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13351	Yes
923	Facile hydrothermal bio-synthesis of Cellulose Acetate templated CuS nanorods like fibres: Antibacterial, Cytotoxicity effects and DNA cleavage properties against A549 lung cancer cells	T. Manikandan*, G. Padmalaya, S. Mahalakshmi, S. Nivethitha, S. Perumal, P. Pavithran, B.S. Sreeja, P. Senthil Kumar	Chemical Engineering	IET Nanobiotechnology	2019	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2019.0193	Yes
924	Mathematical modelling and simulation for decomposition of agro-herbicide in accelerated reaction calorimeter to avoid water pollution	M. Arivalagan, Rames C. Panda*, P. Senthil Kumar*	Chemical Engineering	Desalination and Water Treatment	2019	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_179/179_2020_92.pdf	Yes
925	Enhancement in thermal, mechanical and electrical properties of novel PVA nanocomposite embedded with SrO nanofillers and the analysis of its thermal degradation behaviour by non-isothermal approach	J. Selvi, V. Parthasarathy*, S. Mahalakshmi, R. Anbarasan, P. Senthil Kumar, Michael O. Daramola	Chemical Engineering	Polymer Composites	2019	0272-8397	https://4spepublications.onlinelibrary.wiley.com/journal/15480569	https://doi.org/10.1002/pc.25453	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
926	An insight into carbon balance of product streams from hydrothermal liquefaction of Scenedesmus abundans biomass	PanneerSelvam SundarRajan, Kannappan Panchamoorthy Gopinath, Jayaseelan Arun, Kirubanandam GracePavithra, Kumar Pavendan, Antonysamy AdithyaJoseph	Chemical Engineering	Renewable Energy	2019	0960-1481	https://www.sciencedirect.com/journal/renewable-energy	https://www.science.org/article/pii/S0960148119316866	Yes
927	Conversion of agro by-products to an alkaline protease by Aspergillus tamarii and the usefulness of its metabolic heat for better process understanding	Balaji Dhandapani, Surianarayanan Mahadevan, M. Shanmugavel	Chemical Engineering	Waste and Biomass Valorization	2019	1877-2641	https://link.springer.com/journal/12649	https://link.springer.com/article/10.1007/s12649-019-00608-x	Yes
928	Production of lactic acid from industrial waste paper sludge using Rhizopusoryzae MTCC5384 by simultaneous saccharification and fermentation,	Balaji Dhandapani, Dhanya Vishnu, Shabnam Murshid, Ram Prasath A, Muruganandh R, Prasanth D, Sudharshan Sekar, Senthilkumar K	Chemical Engineering	Chemical Engineering Communications	2019	0098-6445	https://www.tandfonline.com/journals/gcec20	https://www.tandfonline.com/doi/full/10.1080/00986445.2019.1657422	Yes
929	The symbiotic effect of integrated Muraya koenigii extract and surface-modified magnetic microspheres – a green biosorbent for the removal of Cu(II) and Cr(VI) ions from aqueous solutions	Dhanya Vishnu, Balaji Dhandapani, Santhiya K	Chemical Engineering	Chemical Engineering Communications	2019	0098-6445	https://www.tandfonline.com/journals/gcec20	https://www.tandfonline.com/doi/full/10.1080/00986445.2019.1691538	Yes
930	Antibacterial and anticancer activities of silver nanoparticles biosynthesized using Embeliaribes Burn f. berries extract	D. Manikandan, D. GnanaPrakash, J. Arun, N. Nagendra Gandhi, U. Mani, K. Kathirvan	Chemical Engineering	Indian Journal of Experimental Biology	2019	0019-5189	http://op.niscair.res.in/index.php/IJEB	https://scholar.google.com/scholar?oi=books&cluster=1413871986689675798&btnI=1&hl=en	Yes

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931	Synthesis and characterization of ultrasonic assisted delonix regia seeds: modelling and application in dye adsorption" "Desalination and Water Treatment	D.Sivakumar, R. Parthiban, P.Senthil Kumar, A.Saravanan	Chemical Engineering	Desalination and Water Treatment	2020	Print 1944-3994	https://www.deswater.com/home.php	https://doi.org/10.5004/dwt.2020.24820	Yes
932	"Evaluation of the photocatalytic efficiency of cobalt oxide nanoparticles towards the degradation of crystal violet and methylene violet dYes"	R. Sukhin Saravan, M. Muthukumaran, S.M. Mubashera, M. Abinaya, P. Varun Prasath, R. Parthiban, Faruq Mohammad, Won Chun Oh, Suresh Sagadevan	Chemical Engineering	Optik - International Journal for Light and Electron Optics	2020	0030-4026	https://www.sciencedirect.com/journal/optik	https://doi.org/10.1016/j.jleo.2020.164428	Yes
933	Synthesis and characterization of hybrid graphene nanocoolant for heat transfer dissipation in microchannel heat sinks	G Sudha, R Parthiban	Chemical Engineering	Chinese Journal of Chemical Engineering	2020	1004-9541	https://www.sciencedirect.com/journal/chinese-journal-of-chemical-engineering	https://doi.org/10.1016/j.cjche.2019.06.006	Yes
934	Basic study on lipase immobilized nanoparticles	Carlin Geor Malar, M Seenuvasan & K.Sathish Kuma	Chemical Engineering	Nanotechnology in environmental engineering	2019	1369-703X	https://link.springer.com/journal/41204	https://doi.org/10.1016/j.bej.2020.107574	Yes
935	"Isolation and characterization of biogenic calcium oxalate crystals from Amorphophallus paeoniifolius"	Subhashini.S, Sathish Kumar K	Chemical Engineering	Journal of Plant Biochemistry and Biotechnology	2019	0971-7811	https://link.springer.com/journal/13562	https://link.springer.com/article/10.1007/s13562-019-00493-4	Yes
936	Studies on Cu ₂ SnS ₃ quantum dots for O-Band Wavelength detection	M. Irshad Ahmed & K.Sathish Kumar	Chemical Engineering	Material Science-Poland	2019	2083-134X	https://materialscience.pwr.edu.pl/	https://sciencedirect.com/article/10.2478/msp-2019-0022?tab=podgl%C4%85d-pdf	Yes

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937	Improvisation of diffusion coefficient in surface-modified magnetite nanoparticles a novel perspective	Carlin Geor Malar, M Seenuvasan & K.Sathish Kumar	Chemical Engineering	Material science and Engineering C	2019	9284931	https://www.sciencedirect.com/journal/materials-science-and-engineering-c	https://www.sciencedirect.com/science/article/pii/S092849311930904X	Yes
938	Review on surface modification of nanocarriers to overcome diffusion limitations,An enzyme immobilization aspect	Carlin Geor Malar, M Seenuvasan & K.Sathish Kumar, Anil Kumar, R.Parthiban	Chemical Engineering	Biochemical Engineering Journal	2020	1369-703X	https://www.sciencedirect.com/journal/biochemical-engineering-journal	https://www.sciencedirect.com/science/article/abs/pii/S1369703X20300899#:~:text=4,-,Surface%20modification%20of%20nanocarriers%20to%20overcome%20diffusion%20limitations,of%20the%20nanocarriers%20is%20significant.	Yes
939	Carbon-rich solvent regeneration in solvent-based post-combustion CO2 capture process (PCCC): Process intensification by megasonics	R.K.Nilavukkarasi, P.Muthumari,B.Ambedkar,M. Moniha	Chemical Engineering	Chemical Engineering and Processing - Process Intensification	2020	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://doi.org/10.1016/j.cep.2020.107913	Yes
940	Infrared spectroscopic and physico-chemical analysis of carbon dioxide-rich and lean 30 wt% monoethanolamine	Perumal Muthumari,R Karunakaran Nilavuckkarasi,Balraj Ambedkar,Jayaraman Dhanalakshmi,P Palaian Papitha, Mohanavelu Moniha	Chemical Engineering	Journal of Environmental Engineering and Science	2020	1496-2551	https://www.icevirtuallibrary.com/toc/jenes/current	https://doi.org/10.1680/jenes.19.00048	Yes
941	A Review on the Synergetic Effect of Plant Extracts on Nanomaterials for the Removal of Metals in Industrial Effluents	Dhanya Vishnu & Balaji Dhandapani	Chemical Engineering	Current Analytical Chemistry	2020	15734110	https://www.eurekaselect.com/journal/4	https://www.eurekaselect.com/article/103588	Yes

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942	Integration of Cynodon dactylon and Muraya koenigii plant extracts in amino-functionalized silica-coated magnetic nanoparticle as an effective sorbent for the removal of Chromium (VI) metal pollutants.	Dhanya Vishnu & Balaji Dhandapani	Chemical Engineering	IET Nanobiotechnology	2020	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/10.1049/iet-nbt.2019.0313	Yes
943	Studies on generation of bio-energy from tannery effluent using MFC	Kandasamy Senthilkumar, Naveenkumar Manickam, and Balaji Dhandapani	Chemical Engineering	AIP Conference Proceedings	2020	15517616	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article/2225/1/070001/721607/Studies-on-generation-of-bio-energy-from-tannery	Yes
944	Study of alkaline hydrolysis of post consumed polyethylene terephthalate waste	Kandasamy, Senthilkumar, Abinash Subramanian, Gokulapriya Ramasamy, Abdulkhader Riyaz Ahamed, Naveenkumar Manickam, and Balaji Dhandapani	Chemical Engineering	AIP Conference Proceedings	2020	15517616	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2240/1/110001/1024772/Study-of-alkaline-hydrolysis-of-post-consumed?redirectedFrom=fulltext	Yes
945	Optimized production of extracellular alkaline protease from Aspergillus tamarii with natural by-products in a batch stirred tank bioreactor	Nagarajan Arumugam, Balaji Dhandapani & Surianarayanan Mahadevan	Chemical Engineering	Preparative Biochemistry and Biotechnology	2020	1082-6068	https://www.tandfonline.com/journals/lpbb20	https://www.tandfonline.com/doi/full/10.1080/10826068.2020.1777426	Yes
946	Microbial Fuel Cell (MFC)-A review of Design components, Selection of Substrate and Microbes, Parameters affecting the Design and Applications	M. Naveen kumar, K. Senthilkumar, D. Balaji, B. Bharathiraja, J. Jenish Joyal, and B. Thazeen	Chemical Engineering	GEDRAG Organ. Rev.	2020	18757235	https://lemma-tijdschriften.nl/	http://lemma-tijdschriften.nl/gallery/goi-1807.pdf	Yes

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947	Steady State, transient behavior and kinetic modeling of benzene removal in an aerobic biofilter	Ravi Rajamanickam, Divya Baskaran, Kauselya Kaliyamoorthi, V.Baskaran, Jagannathan Krishnan	Chemical Engineering	Journal of Environmental Chemical Engineering	2020	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213343720300051	Yes
948	Recent advancements in chemical, environmental, and energy engineering acronym: RACEEE 2019	B Ambedkar,K Jagannathan,J Dhanalakshmi,Eldon R Rene,R Anantharaj	Chemical Engineering	Environmental Science and Pollution Research	2020	1614-7499	https://link.springer.com/journal/11356	https://doi.org/10.1007/s11356-020-08888-w	Yes
949	Enhancement of aqueous solubility and extraction of lauric acid using hydrotropes and its interaction studies by COSMO-RS model	S. Balachandran, D. Gnana Prakash, R. Anantharaj, M.R. Danish John Paul,	Chemical Engineering	Journal of Dispersion Science and Technology	2020	0193-2691	https://www.tandfonline.com/journals/ldis20	https://www.tandfonline.com/doi/abs/10.1080/01932691.2020.1789471	Yes
950	All-solution Processed Highly Transparent Silver Nanowires/PEDOT:PSS Conducting Thin Films for Optoelectronic Applications	Mathew K Francis, Pamula Balaji Bhagav, Nafis Ahmed, Balaji Chandra, Dhakshina Moorthy Gnana Prakash, Nivetha Thyagarajan, Ramamurthy Racchana	Chemical Engineering	Chemistry Select	2020	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201903294	Yes

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951	Experimental and theoretical investigation of molecular interaction and molecular polarity of organic solvent with ionic liquids and deep eutectic solvents at T (298.15–343.15 ...	Anantharaj Ramalingam, Achsa Rajendran Startha Christabel, Anoop Kishore Vatti, Danish John Paul Mark Reji, Shruthi Nagaraj	Chemical Engineering	Asia-Pacific Journal of Chemical Engineering	2020	1932-2143	Asia-Pacific Journal of Chemical Engineering - Wiley Online Library	Experimental and theoretical investigation of molecular interaction and molecular polarity of organic solvent with ionic liquids and deep eutectic solvents at T (298.15–343.15) K and 1 atm - Ramalingam - 2021 - Asia-Pacific Journal of Chemical Engineering - Wiley Online Library	Yes
952	Investigation of Potential Azeotrope Breakers Using DFT and COSMO Approach	Anantharaj Ramalingam, Ramesh Kumar Gurunathan, Pratheeba Chanda Nagarajan	Chemical Engineering	ACS omega	2020	2470-1343	ACS Omega - ACS Publications	Investigation of Potential Azeotrope Breakers Using DFT and COSMO Approach (acs.org)	Yes
953	Evaluation of Chemical Reactivity and Stability of Ionic Liquids Using Ab Initio and COSMO-RS model	Rajadurai Vijayalakshmi, Ramalingam Anantharaj, Anguraj Brinda Lakshmi	Chemical Engineering	Journal of Computational Chemistry	2020	1096-987X	Journal of Computational Chemistry: Vol 41, No 9 (wiley.com)	Evaluation of Chemical Reactivity and Stability of Ionic Liquids Using Ab Initio and COSMO-RS model - Vijayalakshmi - 2020 - Journal of Computational Chemistry - Wiley Online Library	Yes

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954	Present applications of titanium dioxide for the photocatalytic removal of pollutants from water: A review	KP Gopinath NV Madhav, A Krishnan, R Malolan, G Rangarajan	Chemical Engineering	Journal of Environmental Management	2020	1095-8630	https://www.sciencedirect.com/journal/journal-of-environmental-management	https://www.sciencedirect.com/science/article/abs/pii/S0301479720308367	Yes
955	Ionic liquids, deep eutectic solvents and liquid polymers as green solvents in carbon capture technologies	KP Gopinath A Krishnan, DVN Vo, R Malolan, VM Nagarajan, J Arun	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01057-y	Yes
956	A Critical Review on Energy, Environmental and Economic Factors on Various Processes Used to Handle and Recycle Plastic Wastes: Development of a comprehensive Index	KP Gopinath VM Nagarajan, A Krishnan, R Malolan	Chemical Engineering	Journal of Cleaner Production	2020	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652620330766	Yes
957	Water Quality Analysis in a Lake using Deep Learning Methodology: Prediction and Validation"	Prasad VV, Venkataramana LY, Kumar PS, Prasannamedha G, Soumya K, Poornema AJ	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2020	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1801665#:~:text=The%20models%20are%20then%20tested,the%20quality%20of%20the%20water.	Yes
958	c-MWCNT nanoparticles and CdO nanoparticles/c-MWCNT nanocomposite fibres: in vitro assessment of anti-proliferative and apoptotic studies in HeLa cancer cell line	Saranya J, Sreeja BS, Padmalaya G, Radha S, Kumar PS	Chemical Engineering	IET Nanobiotechnology	2020	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-nbt.2020.0020	Yes

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959	Effective adsorption of Cu (II) ions on sustainable adsorbent derived from mixed biomass (<i>Aspergillus campestris</i> and agro waste): Optimization, isotherm and kinetics study.	Saravanan A, Sundararaman TR, Jeevanantham S, Karishma S, Kumar PS, Yaashikaa PR	Chemical Engineering	Groundwater for Sustainable Development	2020	2352-801X	https://www.sciencedirect.com/journal/groundwater-for-sustainable-development	https://www.sciencedirect.com/science/article/abs/pii/S2352801X20301788	Yes
960	Bioconversion of municipal solid waste into bio-based products: A review on valorisation and sustainable approach for circular bioeconomy	Yaashikaa PR, Kumar PS, Saravanan A, Varjani S, Ramamurthy	Chemical Engineering	Science of The Total Environment.	2020	0048-9697	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S0048969720348415	Yes
961	Hydrothermal liquefaction of <i>Nostoc ellipsosporum</i> biomass grown in municipal wastewater under optimized conditions for bio-oil production	Devi TE, Parthiban R	Chemical Engineering	Bioresource Technology	2020	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://doi.org/10.1016/j.biortech.2020.123943	Yes
962	Synthesis, Characterization of the fluorescent carbon nanoparticle and its invitro toxicity evaluation	Dr.K.Sathish Kumar,P.K.Gayathri, Himanshu khandelwal, Prashanth KK,	Chemical Engineering	Journal of Environmental Biology	2020	0254-8704	https://jeb.co.in/	https://jeb.co.in/journal_issues/202011_nov20/paper_03.pdf	Yes
963	Sustainable and eco-friendly approach for phosphorus recovery from wastewater by hydrothermally carbonized microalgae: Study on spent bio-char as fertilizer	Arun J, Gopinath KP, Vigneshwar SS, Swetha A	Chemical Engineering	Journal of Water Process Engineering	2020	2214-7144	https://www.sciencedirect.com/journal/journal-of-water-process-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2214714420304451	Yes

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964	Adsorptive separation of toxic metals from aquatic environment using agro waste biochar Application in Electroplating Industrial Wastewater	Gayathri R, Gopinath KP, Kumar PS	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520322268	Yes
965	Bioenergy perspectives of cattails biomass cultivated from municipal wastewater via hydrothermal liquefaction and hydro-deoxygenation	Arun J, Gopinath KP, Sivaramakrishnan R, Madhav NV, Abhishek K, Ramanan VG, Pugazhendhi A	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236120319591	Yes
966	Experimental investigation on CO2 absorption and physicochemical characteristics of different carbon-loaded aqueous solvents”	Perumal M, Karunakaran NR, Balraj A, Jayaraman D, Krishnan J, Prakash AB, Arumugam J, Muthukumar VP	Chemical Engineering	Environmental Science and Pollution Research	2020	1614-7499	https://link.springer.com/journal/11356	10.1007/s11356-020-10562-0	Yes
967	Potential use of biomass and coal-fine waste for making briquette for sustainable energy and environment	Balraj A, Krishnan J, Selvarajan K, Sukumar K	Chemical Engineering	Environmental Science and Pollution Research	2020	1614-7499	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-020-10312-2	Yes
968	Analysis and removal of pharmaceutical residues from wastewater using membrane bioreactors: a review	Carolin CF, Kumar PS, Joshiba GJ, Kumar VV	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01068-9	Yes
969	A fuzzy cognitive map approach to predict the hazardous effects of malathion to environment (air, water and soil)	Poomagal S, Sujatha R, Kumar PS, Vo DV	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520321214	Yes
970	Methods of detection of food-borne pathogens	Saravanan A, Kumar PS, Hemavathy RV, Jeevanantham S, Kamalesh R, Sneha S, Yaashikaa PR	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01072-z	Yes

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971	Performance of montmorillonite/graphene oxide/CoFe ₂ O ₄ as a magnetic and recyclable nanocomposite for cleaning methyl violet dye-laden wastewater.	Foroutan R, Mohammadi R, MousaKhanloo F, Sahebi S, Ramavandi B, Kumar PS, Vardhan KH	Chemical Engineering	Advanced Powder Technology	2020	0921-8831	https://www.sciencedirect.com/journal/advanced-powder-technology	https://www.sciencedirect.com/science/article/abs/pii/S0921883120303745	Yes
972	Amino-functionalized mesoporous silica microspheres for immobilization of Candida antarctica lipase B : Application towards greener production of 2, 5-Furandicarboxylic acid	Kongkona Saikia, Ponnusamy Senthil Kumar, Abiram Karanam Rathankumar, Sundar SaiLavanyaa, Lakshmi Srinivasan, Sivanesan Subramanian, Hubert Cabana, Mathilde Gosselin, Vaidyanathan Vinoth Kumar	Chemical Engineering	IET Nanobiotechnology	2020	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8676318/	Yes
973	Photocatalysis for removal of environmental pollutants and fuel production: a review.	Saravanan A, Kumar PS, Vo DV, Yaashikaa PR, Karishma S, Jeevanantham S, Gayathri B, Bharathi VD	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01077-8	Yes
974	Enhancement of Ultrasound Assisted Aqueous Extraction of Polyphenols from Waste Fruit Peel Using Surfactant: Assessment of Kinetic Models	Selvakumar P, Karthik V, Kumar PS, Asaithambi P, Kavitha S, Sivashanmugam P	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520322669	Yes
975	Microbial Electrolysis Cells and Microbial Fuel Cells for Bio-Hydrogen Production: Current Advances and Emerging Challenges	Saravanan A, Karishma S, Kumar PS, Yaashikaa PR, Jeevanantham S, Gayathri B	Chemical Engineering	Biomass Conversion and Biorefinery	2020	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-020-00973-x	Yes

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976	Production of optically pure lactic acid by microbial fermentation: a review	Rawoof SA, Kumar PS, Vo DV, Devaraj K, Mani Y, Devaraj T, Subramanian S	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01083-w	Yes
977	Sustainable approach to decolourize methyl orange dye from aqueous solution using novel bacterial strain and its metabolites characterization	Carolyn CF, Kumar PS, Joshiba GJ	Chemical Engineering	Clean Technologies and Environmental Policy	2020	1618-954X	https://link.springer.com/journal/10098	https://link.springer.com/article/10.1007/s10098-020-01934-8	Yes
978	Next-generation itaconic acid production using novel <i>Aspergillus japonicus</i> from <i>Citrullus lanatus</i> rind through solid-state fermentation	Ramakrishnan G, Dhandapani B, Krishnamoorthy S, Dhithya V, Palaniyappan H	Chemical Engineering	Bioresource Technology Reports	2020	2589-014X	https://www.sciencedirect.com/journal/bioresource-technology-reports	https://www.sciencedirect.com/science/article/abs/pii/S2589014X20301651	Yes
979	Enhancement of lactic acid production from food waste through simultaneous saccharification and fermentation using selective microbial strains	Rawoof SA, Kumar PS, Devaraj K, Devaraj T, Subramanian S	Chemical Engineering	Biomass Conversion and Biorefinery	2020	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-020-00998-2	Yes
980	Techniques of lipid extraction from microalgae for biofuel production	Lee SY, Khoiroh I, Vo DV, Kumar PS, Show PL	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01088-5	Yes
981	Potential of Nanoscale Size Zero Valent Iron Nanoparticles Impregnated Activated Carbon Prepared From Palm Kernel Shell for Cadmium Removal to Avoid Water Pollution	Prabu D, Kumar PS, Varsha M, Sathish S, Vijai Anand K, Mercy J, Tiwari A	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2020	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/abs/10.1080/03067319.2020.1828387	Yes

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982	A review on three-dimensional eletrochemical systems: analysis of influencing parameters and cleaner approach mechanism for wastewater	GracePavithra K, Kumar PS, Jaikumar V, SundarRajan P	Chemical Engineering	Reviews in Environmental Science and Bio/Technology	2020	1572-9826	https://link.springer.com/journal/11157	https://doi.org/10.1007/s11157-020-09550-0	Yes
983	A critical review on various trophic transfer routes of microplastics in the context of the Indian coastal ecosystem	Nagarajan VM, Gopinath KP, Krishnan A, Rajendran N, Krishnan A	Chemical Engineering	Watershed Ecology and the Environment	2020	2589-4714	https://www.sciencedirect.com/journal/watershed-ecology-and-the-environment	https://www.sciencedirect.com/science/article/pii/S2589471420300036	Yes
984	Novel Solar Parabolic Trough Collector cum Reactor for the Production of Biodiesel from Waste Cooking Oil using Calcium Oxide catalyst derived from seashells waste	Naveen S, Gopinath KP, Malolan R, Ramesh S, Aakriti K, Arun J.	Chemical Engineering	Chemical Engineering and Processing-Process Intensification	2020	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://www.sciencedirect.com/science/article/abs/pii/S0255270120306073	Yes
985	Fabrication of surface-engineered superparamagnetic nanocomposites (Co/Fe/Mn) with biochar from groundnut waste residues for the elimination of copper and lead metal ions	Dhanya Vishnu, Balaji Dhandapani, Shankar Ram Ramakrishnan, Prasanna Kumar Pandian & Thiruvikraman Raguraman	Chemical Engineering	Journal of Nanostructure in Chemistry	2020	2008-9244	https://link.springer.com/journal/40097	https://link.springer.com/article/10.1007/s40097-020-00360-y	Yes
986	Experimental investigation on water absorption capacity of RHA-added cement concrete	Ambedkar Balraj, Dhanalakshmi Jayaraman, Jagannathan Krishnan, and Josephin Alex	Chemical Engineering	Environmental Science and Pollution Research	2020	1614-7499	https://link.springer.com/journal/11356	https://doi.org/10.1007/s11356-020-11339-1	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
987	A critical review on global trends in biogas scenario with its up-gradation technique for fuel cell and future perspectives	D. Thiruselvi, P. Senthil Kumar*, M. Anil Kumar, Chyi-How Lay, Salma Aathika, Y. Mani, D. Jagadiswary, A. Dhanasekaran, P. Shanmugam, S. Sivanesan, Pau-Loke Show	Chemical Engineering	International Journal of Hydrogen Energy	2020	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319920337861	Yes
988	A Review on biosynthesis of metal nanoparticles and its environmental applications	A. Saravanan, P. Senthil Kumar*, S. Karishma, Dai-Viet N. Vo, S. Jeevanantham, P.R. Yaashikaa, Cynthia Susan George	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520327752	Yes
989	Sequential production of hydrogen and methane by anaerobic digestion of organic wastes: a review	Salma AathikaAbdur Rawoof, P. Senthil Kumar*, Dai-Viet N. Vo, Sivanesan Subramanian	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01122-6	Yes
990	Food preservation techniques and nanotechnology for increased shelf life of fruits, vegetables, beverages and spices: a review	A. Sridhar, M. Ponnuchamy, P. Senthil Kumar*, Ashish Kapoor	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01126-2	Yes
991	Conversion of waste plastics into low emissive hydrocarbon fuel using catalyst produced from biowaste	N. Jahnavi, K. Kanmani, P. Senthil Kumar* Sunita Varjani	Chemical Engineering	Environmental Science and Pollution Research	2020	1614-7499	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-020-11398-4	Yes
992	A review on effective removal of emerging contaminants from aquatic systems: current trends and scope for further research	B. Senthil Rathi, P. Senthil Kumar*, Pau-Loke SHOW	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389420324031	Yes

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993	Experimental investigation of density, viscosity, and surface tension of aqueous tetrabutylammonium-based ionic liquids	Muthumari Perumal & Ambekar Balraj & Dhanalakshmi Jayaraman & Jagannathan Krishnan	Chemical Engineering	Environmental Science and Pollution Research	2020	1614-7499	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-020-11174-4	Yes
994	Synthesis and application of porous oil-sorbent microspheres: characterization, retention capacity and sorption kinetics	Alagu Abirami AL P Senthil Kumar D Gnanaprakash Abhaiguru Ravirajan Avinash Umasankaran Pavithra Narayanan Kartik Ravishankar Chintoo Sudhiesh Kumar Sharath Nagaraju K P J Reddyd	Chemical Engineering	Separation and purification technology	2020	1383-5866	https://www.sciencedirect.com/journal/separation-and-purification-technology	https://www.sciencedirect.com/science/article/pii/S1383586619337487	Yes
995	Adsorption of Cu(II) ions by modified horn core, effect of temperature on adsorbent preparation and extended application in river water	P Tsopbou Ngueagni E Djoufac Woumfo P Senthil Kumar M Siewe J Vieillard N Brun P Fotsing Nkuigwe	Chemical Engineering	Journal of Molecular Liquids	2020	0167-7322	https://www.sciencedirect.com/journal/journal-of-molecular-liquids	https://www.sciencedirect.com/science/article/abs/pii/S0167732219350627	Yes
996	Rhizoremediation - A promising tool for the removal of soil contaminants, A review	A Saravanan S Jeevanantham V Anantha Narayanan P Senthil Kumar P R Yaashikaa C M Mathan Muthu	Chemical Engineering	Journal of Environmental Chemical Engineering	2020	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213343719306669	Yes
997	Adsorptive Separation of Cu(II) ions from Aqueous Medium using Thermally/Chemically Treated Cassia fistula based Biochar	R V Hemavathy P Senthil Kumar K Kanmani N Jahnavi	Chemical Engineering	Journal of Cleaner Production	2020	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S095965261934260X	Yes

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998	A Review on Contamination and Removal of Sulfamethoxazole from Aqueous Solution using Cleaner Techniques: Present and Future Perspective	G Prasannamedha P Senthil Kumar	Chemical Engineering	Journal of Cleaner Production	2020	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652619344233	Yes
999	Packed bed column optimization and modeling studies for removal of chromium ions using chemically modified Lantana camara adsorbent	K Nithya Asha Sathish P Senthil Kumar	Chemical Engineering	Journal of Water Process Engineering	2020	2214-7144	https://www.sciencedirect.com/journal/journal-of-water-process-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2214714419316551	Yes
1000	Cleaner Strategies on the Effective Elimination of Toxic Chromium from Wastewater using Coupled Electrochemical/Biological Systems	K Grace Pavithra V Jaikumar P Senthil Kumar P Sundarajan	Chemical Engineering	Environmental Progress & Sustainable Energy	2020	1944-7442	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://doi.org/10.1002/ep.13399	Yes
1001	Sulphonamide: Distribution, Toxicology, Environmental characteristics, and Analysis - a Review	K Grace Pavithra V Jaikumar P Senthil Kumar P Sundarajan	Chemical Engineering	Current Analytical Chemistry	2020	1573-4110	https://www.eurkaselect.com/journal/4	10.2174/1573411016666200108150816	Yes
1002	Structural, Optical, thermal and non-isothermal decomposition behavior of PMMA nanocomposites	V Parthasarathy R Nagendrakumar S Mahalakshmi P Senthil Kumar B Sundaresan	Chemical Engineering	Journal of Inorganic and Organometallic Polymers and Materials	2020	1574-1443	https://link.springer.com/journal/10904	https://link.springer.com/article/10.1007/s10904-020-01453-5	Yes
1003	In silico and in vitro approaches to evaluate the bioactivity of Cassia auriculata Linn. extracts	R Anitha R Subashini P Senthil Kumar	Chemical Engineering	IET Nanobiotechnology	2020	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://digital-library.theiet.org/consult/journals/10.1049/iet-nbt.2019.0364	Yes

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1004	Rhizoremediation of Cu(II) ions from contaminated soil using plant growth promoting bacteria: An outlook on pyrolysis conditions on plant residues for methylene orange dye biosorption	P R Yaashikaa P Senthil Kumar Sunita J Varjani A Saravanan	Chemical Engineering	Biengineered	2020	2165-5979	https://www.tandfonline.com/journals/kbie20	https://www.tandfonline.com/doi/full/10.1080/21655979.2020.1728034	Yes
1005	Bioremediation of 2, 4-Diaminotoluene in Aqueous Solution Enhanced by Lipopeptide Biosurfactant Production from Bacterial Strains	Femina Carolin C, P.Senthil Kumar, G Janet Joshiba, Racchana Ramamurthy, Sunita J Varjani	Chemical Engineering	Journal of Environmental Engineering	2020	0733-9372	https://ascelibrary.org/journal/joeed	https://ascelibrary.org/doi/full/10.1061/%28ASCE%29EE.1943-7870.0001740	Yes
1006	A Review on Systematic Approach for Microbial Enhanced Oil Recovery Technologies: Opportunities and Challenges	A Saravanan P Senthil Kumar Kilaru Harsha Vardhan Sathasivam Jeevanantham S Karishma P R Yaashikaa P Vellaichamy	Chemical Engineering	Journal of Cleaner Production	2020	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652620308246	Yes
1007	Evaluation of optical, electrical, mechanical, thermal properties and non-isothermal decomposition behavior of PVA-ZnO nanocomposites	Jayaraj selvi, Vellaichamy Parthasarathy, Sehar Mahalakshmi, Ramasamy Anbarasan, Michael O, Daramola, Ponnusamy Senthil Kumar	Chemical Engineering	Iranian Polymer Journal	2020	1735-5265	https://link.springer.com/journal/13726	https://link.springer.com/article/10.1007/s13726-020-00806-8	Yes
1008	Feasibility of Naphthol green-B dye adsorption using Microalgae: Thermodynamic and Kinetic Analysis	E Gunasundari P Senthil Kumar N Rajamohan V Parthasarathy	Chemical Engineering	Desalination and Water Treatment	2020	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_articles/vol_192_papers/192_2020_358.pdf	Yes
1009	A review on conversion of green algal biomass into bio-energy with special emphasis on pyrolysis techniques	S Aravind P Senthil Kumar Nikhil S Kumar N Siddarth	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	10.1007/s10311-020-00990-2	Yes

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1010	Evaluation of mechanical, optical, and thermal properties of PVA nanocomposites embedded with Fe ₂ O ₃ nanofillers and the investigation of their thermal decomposition characteristics under non-isothermal heating condition	V Parthasarathy J Selvi P Senthil Kumar R Anbarasan S Mahalakshmi	Chemical Engineering	Polymer Bulletin	2020	0170-0839	https://link.springer.com/journal/289	https://link.springer.com/article/10.1007/s00289-020-03206-3	Yes
1011	Optimization and modeling of reactive yellow adsorption by surface modified Delonix regia seed: Study of nonlinear isotherm and kinetic parameters	A Saravanan S Karishma S Jeevanantham S Jeyasri A R Kiruthika P Senthil Kumar P R Yaashikaa	Chemical Engineering	Surface and Interfaces	2020	2468-0230	https://www.sciencedirect.com/journal/surfaces-and-interfaces	https://www.sciencedirect.com/science/article/abs/pii/S2468023020301358	Yes
1012	Electrodeionization theory, mechanism and environmental applications. A review	B. Senthil Rathi P Senthil Kumar	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01006-9	Yes
1013	A Review on Fluoride : Treatment Strategies and Scope for Further Research	Eunice Jayashree G Pooja P Senthil Kumar G Prasannamedha	Chemical Engineering	Desalination and Water Treatment	2020	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_200/200_2020_167.pdf	Yes
1014	Practice on treating pharmaceutical compounds present in wastewater using biosorption technique with different bio waste compounds. A Review	N Magesh A Annam Renita P Senthil Kumar	Chemical Engineering	Environmental Progress and Sustainable Energy	2020	1944-7442	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://aiche.onlinelibrary.wiley.com/doi/abs/10.1002/ep.13429	Yes

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1015	Recent advancements in rapid analysis of pesticides using nano biosensors: a present and future perspective	Femina Carolin Christopher Ponusamy Senthil Kumar Fetcia Jackulin Christopher Ganesan Janet Joshiba Pavithra Madhesh	Chemical Engineering	Journal of Cleaner Production	2020	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.science-direct.com/science/article/abs/pii/S0959652620324033	Yes
1016	Enhanced Zn(II) ion adsorption on surface modified mixed biomass – <i>Borassus flabellifer</i> and <i>Aspergillus tamarii</i> : Equilibrium, kinetics and thermodynamics study	A Saravanan S Jeevanantham P Senthil Kumar Sunita Varjani P R Yaashikaa S Karishma	Chemical Engineering	Industrial Crops & Products	2020	0926-6690	https://www.sciencedirect.com/journal/industrial-crops-and-products	https://www.science-direct.com/science/article/abs/pii/S092666902030529X	Yes
1017	Production of pigment using <i>Aspergillus tamarii</i> : New potentials for synthesizing natural metabolites	A Saravanan R Jayasree P Senthil Kumar Sunita Varjani R V Hemavathy S Jeevanantham P R Yaashikaa	Chemical Engineering	Environmental Technology & Innovation	2020	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.science-direct.com/science/article/abs/pii/S2352186420308282	Yes
1018	Adsorptive elimination of methylene blue dye from aquatic system using biochar produced from cocoa shell	D Prabu P Senthil Kumar Kilaru Harsha Vardhan S Sathish Alan Raju J John Mathew	Chemical Engineering	Desalination and Water Treatment	2020	19443986	https://www.deswater.com/home.php	https://www.deswater.com/DWT_articles/vol_203_papers/203_2020_366.pdf	Yes
1019	Adsorptive Behavior of Surface Tailored Fungal Biomass for the Elimination of Toxic Dye from Wastewater	V Karthik P Senthil Kumar Kilaru Harsha Vardhan K Saravanan N Nithyakala	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2020	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1787400	Yes
1020	Kinetic and thermodynamic analysis on the abolition of toxic metals from wastewater using activated carbon produced from compost waste	S Suganya P Senthil Kumar	Chemical Engineering	Desalination and Water Treatment	2020	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_204/204_2020_270.pdf	Yes

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1021	Rhamnolipid-assisted mycoremediation of polycyclic aromatic hydrocarbons by <i>Trametes hirsuta</i> coupled with enhanced ligninolytic enzyme production	Abiram Karanam Rathankumar Kongkona Saikia Senthil Kumar Ponnusamy Maria del rayo sanchez, Vaidyanathan Vinoth Kumar	Chemical Engineering	Journal of the Air & waste management	2020	1096-2247	https://www.tandfonline.com/toc/uawm20/current	https://pubmed.ncbi.nlm.nih.gov/32603633/	Yes
1022	Microalgae for biofuel production and removal of heavy metals: a review	K Grace Pavithra P Senthil Kumar V Jaikumar Kilaru Harsha Vardhan P Sundarajan	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01046-1	Yes
1023	Separation of Manganese from Water using Hybrid Nanocomposite to Control Water Pollution: Kinetic and Equilibrium Modeling	N Rajamohan, P Senthil Kumar, Fatma Al Qasmi, M Rajasimman	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2020	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/abs/10.1080/03067319.2020.1836175	Yes
1024	Magnetite Encapsulated Alginates Tailored Material for the Sustainable Treatment of Electroplating Industrial Wastewater: Column Dynamics and Mass Transfer Studies	K Nithya Asha Sathish P Senthil Kumar	Chemical Engineering	Clean Technologies and environmental policy	2020	1618-954X	https://link.springer.com/journal/10098	https://link.springer.com/article/10.1007/s10098-020-01961-5	Yes
1025	Effective Removal of Excessive Fluoride from Aqueous Environment using Activated pods of <i>Bauhinia variegata</i> : Batch and Dynamic analysis	D Eunice Jayashree, P Senthil Kumar, P Tsopbou Naueagni Dai Viet N Vo Kit Wayne Chew	Chemical Engineering	Environmental Pollution	2020	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749120366586	Yes
1026	Hydrothermal production of algal biochar for environmental and fertilizer applications: a review	V. Karthik, P. Senthil Kumar, Dai-Viet N. Vo, J. Sindhu, D. Sneka, B. Subhashini, K. Saravanan & J. Jeyanthi	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01139-x	Yes

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1027	Theoretical analysis of the heat transfer effect of viscoplastic nanofluids in process intensified chemical systems	S Mullai Venthan, I Jayakaran Amalraj, P Senthil Kumar	Chemical Engineering	Chemical Engineering and Processing: Process Intensification	2021	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://www.sciencedirect.com/science/article/abs/pii/S0255270120306899	Yes
1028	Formulation and combinatorial effect of Pseudomonas fluorescens and Bacillus coagulans as biocontrol agents	P R Yaashikaa, P Senthilkumar, Sunita Varjani, S Tamilselvi, A Saravanan	Chemical Engineering	Biocatalysis and Agricultural Biotechnology	2020	1878-8181	https://www.sciencedirect.com/journal/biocatalysis-and-agricultural-biotechnology	https://www.sciencedirect.com/science/article/abs/pii/S1878818120315395#:~:text=It%20was%20found%20that%20for,archae%20bacterial%20liquid%20carrier).	Yes
1029	Characterization and Optimization of process parameter for Pharmaceutical waste management and disposal by using Nano Zero Valent Iron impregnated agricultural waste from aqueous solution	D Prabu, P Senthil Kumar, G Narendrakumar, S Sathish	Chemical Engineering	Research Journal of Pharmacy and Technology	2020	0974-3618	https://www.rjptonline.org/Home.aspx	https://www.rjptonline.org/AbstractView.aspx?PID=2020-13-11-43	Yes
1030	Critical review on removal of toxic pollutants using biochar: Techniques, characterization, stability and circular bioeconomy	P R Yaashikaa, P Senthilkumar, Sunita Varjani, S Tamilselvi, A Saravanan	Chemical Engineering	Biotechnology Reports	2020				Yes
1031	Investigation of Magnetic Silica Nanocomposite Immobilized Pseudomonas fluorescens as a biosorbent for the effective sequestration of Rhodamine B from aqueous systems	G Janet Joshiba, P. Senthil Kumar, M.Govarthanan, P Tsopbou Nigeagni, A Abilarasu, Femina Carolin C	Chemical Engineering	Environmental Pollution	2021	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749120368627	Yes

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1032	A review on critical assessment of advanced bioreactor options for sustainable hydrogen production	Femina Carolin C, P Senthil Kumar , Dai - Viet N Vo , G Janet Joshiba	Chemical Engineering	International Journal of Hydrogen Energy	2020	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319920344955	Yes
1033	Insights on the occurrence and removal of antibiotics from industrial wastewater: A review	D Akhil, Divya Lakshmi, P Senthil Kumar, Dai Viet N Vo, A Kartik	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01139-x	Yes
1034	Recent Developments in Photocatalytic Remediation of Textile Effluent using Semiconductor based Nanostructured Catalyst: A Review	J Ambigadevi, P Senthil Kumar, Dai Viet N Vo, S Hari Haran, T. N .Srinivasa Raghavan	Chemical Engineering	Journal of Environmental Chemical Engineering	2020	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213292920312306	Yes
1035	Enhanced Photocatalytic Degradation of Diclofenac by Sn _{0.15} Mn _{0.85} Fe ₂ O ₄ Catalyst under Solar Light	A Abilarasu, P Senthil Kumar, Dai Viet N Vo, D Krithika, P.Tsopbou Ngueagni, G Janet Joshiba, Femina Carolin C, G Prasannamedha	Chemical Engineering	Journal of Environmental Chemical Engineering	2021	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213292920312240	Yes
1036	Enhanced Adsorptive Removal of Sulfamethoxazole from Water using Biochar Derived from Hydrothermal Carbonization of Sugarcane Bagasse	G Prasannamedha P Senthil Kumar, R Mehala,T J Sharmumitha, D Surendhar	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389420328168	Yes
1037	A Review on New Aspects of Lipopeptide Biosurfactant: Types, Production, Properties and its Application in the Bioremediation Process	Femina Carolin C, P Senthil Kumar, P Tsopbou Ngueagni	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389420328181	Yes

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1038	Adsorption Characteristics of Magnetic Nanoparticles Coated Mixed Fungal Biomass for Toxic Cr(VI) ions in Aquatic Environment	A Saravanan, P Senthil Kumar, M Govarthan, Cynthia Susan George, S Vaishnavi, B Mouliswaran, S Praveen Kumar, S Jeevanatham, P R Yaashikaa	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520334238	Yes
1039	Treatment of methanol industry effluent using algal biomass, Gelidium omanense- Kinetic modeling	N Rajamohan, P Senthil Kumar, Fatma Al Qasmi, M Rajasimman	Chemical Engineering	Chemical Engineering Journal Advances	2021	2666-8211	https://www.sciencedirect.com/journal/chemical-engineering-journal-advances	https://www.sciencedirect.com/science/article/pii/S2666821120300685	Yes
1040	Enzyme-loaded nanoparticles for the degradation of wastewater contaminants: a review	V Karthik, P Senthil Kumar, Dai Viet N Vo, P Selvakumar, M Gokulakrishnan, P Keerthana, V Audilaksmi, J Jeyanthi	Chemical Engineering	Environmental Chemistry Letters	2020	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01158-8	Yes
1041	Sustainable Strategy for the Enhancement of Hazardous Aromatic Amine degradation using lipopeptide biosurfactant isolated from Brevibacterium casei	Femina Carolin C, P Senthil Kumar, G Janet Joshiba, Pavithra Madhesh, Racchan Ramamurthy	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389420329344	Yes
1042	Comparative performance analysis of electrospun TiO ₂ embedded poly (vinylidene fluoride) nanocomposite membrane for supercapacitors	R. Arthi, V. Jaikumar, P. Muralidharan	Chemical Engineering	Journal of applied polymer science	2021	0021-8995	https://onlinelibrary.wiley.com/journal/10974628	https://doi.org/10.1002/app.50323	Yes
1043	Multivariate polynomial fit: Decay heat removal system and pectin degrading Fe ₃ O ₄ -SiO ₂ nanobiocatalyst activity	Boopathi Muthusamy, Sujatha Ramalingam, Senthil Kumar Chandran, Sathish Kumar Kannaiyan	Chemical Engineering	IET Nanobiotechnology	2021	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8675788/	Yes

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1044	Biocompatible electrospun papain/chitosan NP/PVA nanofibrous scaffolds	Thulasingsh A, Kannaiyan Sathish kumar	Chemical Engineering	Bulletin of Material Scien	2021	0973-7669	https://link.springer.com/journal/12034	https://link.springer.com/article/10.1007/s12034-021-02386-6	Yes
1045	Functionalized nanoformulation of swertiamarin with enhanced stability and hemocompatibility: synthesis, characterisation and anticancer evaluation	K P Gayathri, Kannaiyan Sathishkumar	Chemical Engineering	Materials Technology	2020	1066-7857	https://www.tandfonline.com/journals/ymte20	https://doi.org/10.1080/10667857.2020.1769260	Yes
1046	Optical Attenuation of PbSexS1-x quantum dots With Vegards law and Brus Equation Use	M.I.Ahmed,K.S.Kumar, E.E.Anand, A.Sivaranjani	Chemical Engineering	Journal of Ovonic Research	2020	1584 - 9953	https://www.semanticscholar.org/venue?name=Journal%20of%20Ovonic%20Research	10.15251/jor.2020.164.245	Yes
1047	Polymeric materials for electromagnetic shielding - A review	K. Sathish Kumar, R. Rengaraj, G.R.Venkatakrishnan, A. Chandramohan	Chemical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532102825X	Yes
1048	A review on cleaner strategies for extraction of chitosan and its application in toxic pollutant removal	M. Abhinaya, R. Parthiban*, P. Senthil Kumar*, Dai-Viet N. Vo	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://doi.org/10.1016/j.envres.2021.110996	Yes
1049	Study of Bridge Rectangular Fin Heat Sink and the Effect of Angle Change on CPU Cooling	Ramasamy Govindarasu*, Ganesh Sudha, Rangasamy Parthiban	Chemical Engineering	Technical Gazette	2021	1330-3651	https://www.tehnicki-vjesnik.com/#/articles/EN/4f05aa29-d3fb-4199-ae2f-0abe57699687	https://doi.org/10.17559/TV-20200321065149	Yes

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1050	Preparation of PAN/lycopene-TiO ₂ nanocomposite membrane for azo dye degradation	Devi Baskar, Gobi Nallathambi*, Arun Karthick Selvam, P. Senthil Kumar*	Chemical Engineering	Desalination and Water Treatment	2021	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_articles/vol_216_papers/216_2021_436.pdf	Yes
1051	Effect of antibiotics on the microbial efficiency of anaerobic digestion of wastewater: A review	Leilei Xiao, Yiping Wang, Eric Lichtfouse, Zhenkai Li, P. Senthil Kumar*, Jian LIU, Dawei Feng*, Qingli Yang, Fanghua Liu	Chemical Engineering	Frontiers in Microbiology	2021	1664-302X	https://www.frontiersin.org/journals/microbiology/archive	10.3389/fmicb.2020.611613	Yes
1052	Prediction on Water Quality of a Lake in Chennai, India using Machine Learning Algorithms	D. Venkata Vara Prasad, Lokeswari Y Venkataramana, P. Senthil Kumar*, G. Prasannamedha, K. Soumya, A.J. Poornema	Chemical Engineering	Desalination and Water Treatment	2021	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_abstracts/vol_218/218_2021_44.pdf	Yes
1053	Simultaneous removal of Cu(II) and Reactive Green 6 dye from wastewater using immobilized mixed fungal biomass and its recovery	A. Saravanan, S. Karishma, P. Senthil Kumar*, Sunita Varjani**, P.R. Yaashikaa, S. Jeevanantham, Racchana Ramamurthy, B. Reshma	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520337176	Yes
1054	Ultrasonic Assisted Agro Waste Biomass for Rapid Removal of Cd(II) ions from Aquatic Environment: Mechanism and Modelling Analysis	A. Saravanan, P. Senthil Kumar*, Dai-Viet N. Vo, S. Swetha, P. Tsopbou Ngueagni, S. Karishma, S. Jeevanantham, P.R. Yaashikaa	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653520336821	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
1055	Effective removal of Cr(VI) ions from synthetic solution using Mixed Biomasses : Kinetic, Equilibrium and Thermodynamic study	A. Saravanan, P. Senthil Kumar*, Sunita Varjani*, S. Karishma, S. Jeevanantham, P.R. Yaashikaa	Chemical Engineering	Journal of Water Process Engineering	2021	2214-7144	https://www.sciencedirect.com/journal/journal-of-water-process-engineering	https://www.science-direct.com/science/article/abs/pii/S2214714420307820	Yes
1056	A review on algal-bacterial symbiotic system for effective treatment of wastewater	A. Saravanan, P. Senthil Kumar*, Sunita Varjani, S. Jeevanantham, P.R.Yaashikaa, P. Thamarai, B. Abirami, Cvnthia Susan George	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.science-direct.com/science/article/abs/pii/S0045653521000102	Yes
1057	Intensification of heat and mass transfer process in MHD Carreau nanofluid flow containing gyrotactic microorganisms	M. Elayarani, M.Shanmugapriya*, P. Senthil Kumar*	Chemical Engineering	Chemical Engineering and Processing: Process Intensification	2021	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://www.science-direct.com/science/article/abs/pii/S0255270121000039	Yes
1058	Efficient Electrophoretic deposition of an intensification process to enhance the mechanical properties of Glass fibre reinforced polymer	M.S. Nisha*, K. V. Ravali, P. Senthil Kumar*, P. Faruk Khan, P. Vinay, K. Jairam	Chemical Engineering	Chemical Engineering and Processing: Process Intensification	2021	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://www.science-direct.com/science/article/abs/pii/S0255270121000027	Yes
1059	A Review on Cleaner Approach for Effective Separation of Toxic Pollutants from Wastewater using Carbon Sphere's as Adsorbent: Preparation, Activation and Applications	R. Sivaranjane, P. Senthil Kumar	Chemical Engineering	Journal of Cleaner Production	2021	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.science-direct.com/science/article/abs/pii/S0959652621001311	Yes

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1060	Sustainable adsorbents for decontamination of pesticides from water: A review	Muthamilselvi Ponnuchamy, Ashish Kapoor*, Ponnusamy Senthil Kumar*, Dai-Viet N. Vo, Akash Balakrishnan, Meenu Mariam Jacob, Prabhakar Sivaraman	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://www.sciencedirect.com/science/article/pii/S2666523923001927	Yes
1061	Effective separation of toxic phenol from aquatic system using membrane assisted solvent extraction system	E. Poonguzhali, Ashish Kapoor*, P. Senthil Kumar, S.Prabhakar	Chemical Engineering	Desalination and Water Treatment	2021	1944-3994	https://www.deswater.com/home.php	https://www.deswater.com/DWT_articles/vol_221_papers/221_2021_316.pdf	Yes
1062	A performance comparison of anaerobic and an integrated anaerobic-aerobic biological reactor system for the effective treatment of textile wastewater	Tasneem M Kathawala, K. Veena Gayathri*, P. Senthil Kumar*	Chemical Engineering	International Journal of Chemical Engineering	2021	1687-806X	https://www.hindawi.com/journals/ijce/	https://www.hindawi.com/journals/ijce/2021/8894332/	Yes
1063	An effective separation of toxic arsenic from aquatic environment using electrochemical ion exchange process	B. Senthil Rathi, P. Senthil Kumar*, R. Ponprasath, K. Rohan, N. Jahnvi	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S030438942100203X	Yes
1064	The war using microbes: A sustainable approach for wastewater management	A.K. Priya, Rekka Pachiappan, P. Senthil Kumar*, A.A. Jalil, Dai-Viet N. Vo, Saravanan Rajendran*	Chemical Engineering	Environmental Pollution	2021	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://sciencedirect.com/science/article/abs/pii/S0269749121001767	Yes

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1065	Effectiveness of a biogenic composite derived from cattle horn core/iron nanoparticles via wet chemical impregnation for Cadmium (II) removal in aqueous solution	P. Tsopbou Ngueagni, P. Senthil Kumar*, E. Djoufac Woumfo*, A. Abilarasu, G. Janet Joshiba, Femina Carolin C, G. Prasannamedha, P. Nkuigwe Fotsing, M. Siewe	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521002757	Yes
1066	Performance study on adsorptive removal of acetaminophen from wastewater using silica microspheres: Kinetic and Isotherm studies	Ramesh Natarajan, Koyena Banerjee, Ponnusamy Senthil Kumar, Tanya Somanna, Diya Tannani, Varshni Arvind, Rohit Immanuel Raj, Dai-Viet N. Vo, Kongkona Saikia, Vinoth Kumar Vaidyanathan*	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521003659	Yes
1067	Kinetic modelling of high turbid water flocculation using native and surface functionalized coagulants prepared from shed-leaves of Avicennia marina plants	A.K. Naruka, S. Suganya, P. Senthil Kumar, C. Amit, K. Ankita, D. Bhatt, M. Anil Kumar*	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521003635	Yes
1068	A comprehensive review on different approaches for CO2 utilization and conversion pathways	A. Saravanan, P. Senthil Kumar*, Dai-Viet N. Vo, S. Jeevanantham, V. Bhuvaneswari, V. Anantha Narayanan, P.R. Yaashikaa, S. Swetha, B. Reshma	Chemical Engineering	Chemical Engineering Science	2021	0009-2509	https://www.sciencedirect.com/journal/chemical-engineering-science	https://www.sciencedirect.com/science/article/abs/pii/S0009250921000804	Yes

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1069	Process Intensified microwave absorption nanocomposite for stealth application	M.S. Nisha*, J. Arathy Krishna, P. Senthil Kumar*, S. Ramprabhu	Chemical Engineering	Chemical Engineering and Processing: Process Intensification	2021	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://www.sciencedirect.com/science/article/abs/pii/S0255270121000374	Yes
1070	Cobalt and nickel oxides supported activated carbon as an effective photocatalysts for the degradation methylene blue dye from aquatic environment	A. Murugesan*, M. Loganathan, P. Senthil Kumar*, Dai-Viet N. Vo	Chemical Engineering	Sustainable Chemistry and Pharmacy	2021	2352-5541	https://www.sciencedirect.com/journal/sustainable-chemistry-and-pharmacy	https://www.sciencedirect.com/science/article/abs/pii/S2352554121000334	Yes
1071	Theoretical calculation of biogas production and greenhouse gas emission reduction potential of livestock, poultry and slaughterhouse waste in Bangladesh	Sk. Yasir Arafat Siddiki*, M.N. Uddin, M. Mofijur**, I.M.R. Fattah, Hwai Chyuan On, Su Shiung Lam, P. Senthil Kumar, S.F. Ahmed	Chemical Engineering	Journal of Environmental Chemical Engineering	2021	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213292921001810	Yes
1072	An Efficient Lab-Scale Soil Bioreactor for the Removal of Chromium (Cr) and Arsenic (As) Contaminated Soil using Co-Culture	J. Kamalasini, K. Veena Gayathri*, P. Senthil Kumar*, S. Rajalakshmi	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2021	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2021.1892664	Yes
1073	A novel detection method for organophosphorus insecticide fenamiphos: molecularly imprinted electrochemical sensor based on core-shell Co3O4@MOF-74 nanocomposite	Hassan Karimi-Maleh*, Mehmet Lütfi Yola*, Necip Atar, Yasin Orooji*, Fatemeh Karimi, P. Senthil Kumar, Jalal Rouhi, Mehdi Baghaveri	Chemical Engineering	Journal of Colloid and Interface Science	2021	0021-9797	https://www.sciencedirect.com/journal/journal-of-colloid-and-interface-science	https://www.sciencedirect.com/science/article/pii/S0021979721002125	Yes

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1074	A review on conventional and novel materials towards heavy metal adsorption in wastewater treatment application	Wai Siong Chai, Jie Ying Cheun, P. Senthil Kumar, Muhammad Mubashir, Zahid Majeed, Fawzi Banat, Shih-Hsin Ho**, Pau Loke Show*	Chemical Engineering	Journal of Cleaner Production	2021	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.science.org/abstract/pii/S095965262100809X	Yes
1075	pH Sensitivity Estimation in Potentiometric Metal Oxide pH Sensors using the Principle of Invariance	Siddharth Ravichandran, Chockalingam Thiagarajan, Ponnusamy Senthil Kumar*	Chemical Engineering	International Journal of Chemical Engineering	2021	1687-806X	https://www.hindawi.com/journals/ijce/	https://www.hindawi.com/journals/ijce/2021/5551259/	Yes
1076	Metabolic and molecular modelling of zebrafish gut biome to unravel antimicrobial peptides through metagenomics	K. Veena Gayathri*, S. Aishwarya, P. Senthil Kumar*, U Rohini Rajendran, K. Gunasekaran	Chemical Engineering	Microbial Pathogenesis	2021	0882-4010	https://www.sciencedirect.com/journal/microbial-pathogenesis	https://www.science.org/abstract/pii/S0882401021001340	Yes
1077	Rare earth metal (Sm) doped zinc ferrite (ZnFe ₂ O ₄) for improved photocatalytic elimination of toxic dye from aquatic system	SP. Keerthana, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Dhayalan Velauthapillai	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science.org/abstract/pii/S0013935121003418	Yes
1078	Endophytic Fungus Diaporthe caatingaensis MT192326 from Buchanania axillaris: An indicator to produce biocontrol agents in plant protection	Madhankumar Dhakshinamoorthy, Ponnusamy Senthil Kumar, Tamilselvi Saravanakumar, Kilavan Packiam Kannan*	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://pubmed.ncbi.nlm.nih.gov/33844965/	Yes
1079	Modelling analysis on the effective elimination of toxic pollutant from aquatic environment using pyrolysis assisted Palmyra palm male inflorescence	A. Saravanan, P. Senthil Kumar*, S. Jeevanantham, S. Karishma, P.R. Yaashikaa	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science.org/abstract/pii/S0013935121004400	Yes

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1080	Investigation of EG-Bi2S3 nanorods photocatalytic activity under visible light for dye degradation from aquatic system	S. Keerthana, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, D. Velauthapillai, Dai-Viet N. Vo	Chemical Engineering	Environmental Science and Pollution Research	2021	1614-7499	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-021-14933-z	Yes
1081	Adsorptive removal of malachite green dye onto coal associated soil and conditions optimization	T.R. Sundararaman, A. Saravanan, P. Senthil Kumar*, M. Millicent Mabel, R.V. Hemavathy, S. Karishma, S. Jeevanantham, R. Hemavathi, A. Ishwariya, S. Kowsalva	Chemical Engineering	Adsorption Science & Technology	2021	0263-6174	https://www.hindawi.com/journals/ast/	https://www.hindawi.com/journals/ast/2021/5545683/	Yes
1082	Application of an immobilized microbial consortium for the treatment of pharmaceutical wastewater: Batch-wise and continuous studies	Shabnam Murshid Gnana Prakash Dhakshinamoorthy	Chemical Engineering	Chinese Journal of Chemical Engineering	2021	1004-9541	https://www.sciencedirect.com/journal/chinese-journal-of-chemical-engineering/vol/29/suppl/C	sciencedirect.com/science/article/pii/S104954120301798	Yes
1083	Environmental applications of carbon-based materials: a review	Kannapan Panchamoorthy Gopinath, Dai-Viet N Vo, Dhakshinamoorthy Gnana Prakash, Antonysamy Adithya Joseph, Samynaathan Viswanathan, Jayaseelan Arun	Chemical Engineering	Environmental Chemistry Letter,	2021	16103653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01084-9	Yes

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1084	Investigations on SILAR coated CZTS thin films for solar cell applications	K. Ganesh Kumar, P. Balaji Bhargav, D. Gnana Prakash, R. Kaushik, E. Reon Mathew, M.K. Shriram and K. Veerathangam	Chemical Engineering	Phase Transitions	2021	0141-1594	https://www.tandfonline.com/doi/full/10.1080/01411594.2021.1939874	https://www.tandfonline.com/doi/full/10.1080/01411594.2021.1939874#:~:text=formula%20to%20zom,-,ABSTRACT,glass%20substrates%20using%20SILAR%20method	Yes
1085	A Study on Polythiophene Modified Carbon Cloth as Anode in Microbial Fuel Cell for Lead Removal	Rajkumar Rajendran, Gnana Prakash Dhakshina Moorthy, Haribabu Krishnan & Sumisha Anappara	Chemical Engineering	Arabian Journal for Science and Engineering,	2021	2193-567X	https://link.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05402-3	Yes
1086	A comprehensive review on lignin obtained from agro-residues: potential source of useful chemicals	Muthamil Selvam Rishikesh, Sivakumaran Harish, Sevalur Mahendran Prasanth & Dhakshinamoorthy Gnana Prakash	Chemical Engineering	Biomass Conversion and Biorefinery,	2021	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-021-01637-0	Yes
1087	In silico binding analysis of human CD40 ligand mimetic molecule, 3-(dimethylamino)-1-phenyl-1-propanone hydrochloride (3-DPH), with CD40 receptor molecules of various mammalian species	Sivagami, S., Rathna, R., Nagavignesh, S., Ghone, N.V., Sivanandham, M.	Chemical Engineering	Journal of Environmental Biology	2021	0254-8704	https://jeb.co.in/	https://www.jeb.co.in/journal_issues/202103_mar21/paper_02.pdf	Yes
1088	The role of cytokines in interactions of mesenchymal stem cells and breast cancer cells	Jayaraman, H., Ghone, N.V., Rajan, R.K., Dashora, H.	Chemical Engineering	Current Stem Cell Research	2020	1574-888X	https://www.eurkaselect.com/issue/13084/1	https://pubmed.ncbi.nlm.nih.gov/33092514/	Yes

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1089	Comparative analysis of select techniques and metrics for data reconciliation in smart energy distribution network.	Jeyanthi Ramasamy, Sriram Devanathan, Dhanalakshmi Jayaraman;	Chemical Engineering	Water Supply	2021	1606-9749	https://iwaponline.com/ws	10.2166/ws.2020.314	Yes
1090	Experimental studies on CO ₂ absorption and solvent recovery in aqueous blends of monoethanolamine and tetrabutylammonium hydroxide	Muthumari Perumal, Dhanalakshmi Jayaraman, Ambedkar Balraj	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://doi.org/10.1016/j.chemosphere.2021.130159	Yes
1091	Ammonium Based Deep Eutectic Solvents (DESS) on Extraction of Benzothiophene from Iso-octane: Experiment and COSMO-RS Model	Vivek Santhi, Anantharaj Ramalingam, Deepthi Jayachandran Srikala, Vichitra Malaiyarasan, A. Chandramohan	Chemical Engineering	Journal of Dispersion Science and Technology	2021	1532-2351	Journal of Dispersion Science and Technology Taylor & Francis Online (tandfonline.com)	Ammonium based deep eutectic solvents (DESS) on extraction of benzothiophene from iso-octane: experiment and COSMO-RS model: Journal of Dispersion Science and Technology: Vol 43, No 12 (tandfonline.com)	Yes

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1092	Deep eutectic solvents on extraction of bisphenol A from water matrices: COnductor like Screening MOdel for Real Solvents prediction and experimental validation.	Vivek Mariappan Santhi, Anantharaj Ramalingam, Divya Lakshmi Parthasarathy, Priyadarshini Seshasayee, Swaanika Lakshmi Narasimhan	Chemical Engineering	Asia-Pacific Journal of Chemical Engineering	2021	1932-2135	Asia-Pacific Journal of Chemical Engineering - Wiley Online Library	Deep eutectic solvents on extraction of bisphenol A from water matrices: COnductor like Screening MOdel for Real Solvents prediction and experimental validation - Santhi - 2021 - Asia-Pacific Journal of Chemical Engineering - Wiley Online Library	Yes
1093	Fabrication of surface-engineered superparamagnetic nanocomposites (Co/Fe/Mn) with biochar from groundnut waste residues for the elimination of copper and lead metal ions.	Dhanya Vishnu, Balaji Dhandapani, Shankar Ram Ramakrishnan, Prasanna Kumar Pandian & Thiruvikraman Raguraman	Chemical Engineering	Journal of Nanostructure in Chemistry	2021	2008-9244	https://link.springer.com/journal/40097	https://link.springer.com/article/10.1007/s40097-020-00360-y	Yes
1094	Evaluation of column studies using Cynodon dactylon plant-mediated amino-grouped silica-layered magnetic nanoadsorbent to remove noxious hexavalent chromium metal ions	Dhanya Vishnu & Balaji Dhandapani	Chemical Engineering	IET Nanobiotechnology	2021	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/10.1049/nbt2.12029	Yes

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1095	Comparison of surface-engineered superparamagnetic nanosorbents with low-cost adsorbents of cellulose, zeolites and biochar for the removal of organic and inorganic pollutants: a review	Vishnu, D., Dhandapani, B., Kannappan Panchamoorthy, G. Dai-Viet N. Vo&Shankar Ram Ramakrishnan	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01201-2	Yes
1096	Recovery of valuable metals from waste printed circuit boards using organic acids synthesized by Aspergillus niveus	Santhosh Krishnamoorthy, Gnanasekaran Ramakrishnan, Balaji Dhandapani	Chemical Engineering	IET Nanobiotechnology	2021	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/10.1049/nbt2.12001	Yes
1097	A Proficient approach to enhance heat transfer using cupric oxide/silica hybrid nanoliquids	Fedal Castro Nagarajan, Sathish Kumar Kannaiyan & Chitra Boobalan	Chemical Engineering	Journal of Thermal Analysis and Calorimetry	2022	1588-2926	https://link.springer.com/journal/10973	https://link.springer.com/article/10.1007/s10973-021-10956-3	Yes
1098	Stimulation of Bacillus sp. by lipopeptide biosurfactant for the degradation of aromatic amine 4-Chloroaniline	C. Femina Carolin, P. Senthil Kumar, B. Chitra, C. Fetcia Jackulin, Racchana Ramamurthy	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389421006804	Yes
1099	Recent advancements in the synthesis of novel thermostable biocatalysts and their applications in commercially important chemoenzymatic conversion processes	S Aravind, R.Dhakshin Shravan, K P Gopinath, J Arun, P Sundar Rajan, Amit Bhatnagar	Chemical Engineering	Bioresource Technology	2021	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852420318320	Yes
1100	Hydrothermal liquefaction of Prosopis juliflora biomass for the production of ferulic acid and bio-oil	Jayaseelan Arun, Kannappan Panchamoorthy Gopinath	Chemical Engineering	Bioresource Technology	2021	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852420313900	Yes

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1101	Anaerobic digestate water for Chlorella pyrenoidosa cultivation and employed as co-substrate with cow dung and chicken manure for methane and hydrogen production: A closed loop approach	R Malolan, R Sai Jayaraman, S Adithya, J Arun, K P Gopinath, P Sundar Rajan	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352033160X	Yes
1102	Current Nanotechnology Based Solutions for Sustainable Wastewater Treatment	Shabnam Murshid, Kannappan Panchamoorthy Gopinath, Dhakshinamoorthy Gnana Prakash	Chemical Engineering	Current Analytical Chemistry	2021	1573-4110	https://benthamscience.com/public/journals/current-analytical-chemistry	https://www.ingentaconnect.com/content/ben/cac/2021/0000017/00000002/article/00007	Yes
1103	Importance and ILL-Effects of Nanoparticles: Sensors for their Identification	Vallidevi Krishnamurthy*, Kannapan Panchamoorthy Gopinath, Dhakshinamoorthy Gnanaprakash, Ganeshraj Vanathi, Suresh Ganapathy Shivanirudh and Mohd Imran Ahamed	Chemical Engineering	Current analytical Chemistry	2020	1573-4110	https://benthamscience.com/public/journals/current-analytical-chemistry	https://www.ingentaconnect.com/content/ben/cac/2021/0000017/00000002/article/00010	Yes
1104	Upgradation of Nostoc punctiforme under subcritical conditions into liquid hydrocarbons (bio-oil) via hydro-deoxygenation: Optimization and engine tests	Arun J, Gopinath KP, Sundar Rajan P, Shyam S, Mayuri N, Sivaramakrishnan R, Pugazhendhi A	Chemical Engineering	Journal of Environmental Chemical Engineering	2021	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213343721002074	Yes
1105	Co-hydrothermal gasification of microbial sludge and algae Kappaphycus alvarezii for bio-hydrogen production: Study on aqueous phase reforming	Sai Jayaraman R, Gopinath KP, Arun J, Malolan R, Adithya S, Ajay Srinivaasan P, Sivaramakrishnan R, Pugazhendhi A	Chemical Engineering	International Journal of Hydrogen Energy	2021	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S036031992100522X	Yes

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1106	Nano-adsorbents an effective candidate for removal of toxic pharmaceutical compounds from aqueous environment: A critical review on emerging trends	Neha R, Adithya S, Sai Jayaraman R, Gopinath KP, Pandimadevi M, Prabhuraman L, Arun J	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521003210	Yes
1107	Effect of algae (Scenedesmus obliquus) biomass pre-treatment on bio-oil production in hydrothermal liquefaction (HTL): Biochar and aqueous phase utilization studies	Mahima J, Sundares R, Gopinath KP, Sundar Rajan P, Arun J, Kim SH, Pugazhendhi A	Chemical Engineering	Science of the Total Environment	2021	0048-9697	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S0048969721013309	Yes
1108	A critical review on production of biopolymers from algae biomass and their applications	Kartik A, Akhil D, Divya Lakshmi, Gopinath KP, Arun J, Sivaramakrishnan R, Pugazhendhi A	Chemical Engineering	Bioresource Technology	2021	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852421002078	Yes
1109	Insights into valuing the aqueous phase derived from hydrothermal liquefaction	Sundar Rajan P, Gopinath KP, Arun J, Grace Pavithra K, Adithya Joseph A, Manasa S	Chemical Engineering	Renewable and Sustainable Energy Reviews	2021	1364-0321	https://www.sciencedirect.com/journal/renewable-and-sustainable-energy-reviews	https://www.sciencedirect.com/science/article/abs/pii/S1364032121003099	Yes
1110	Production, characterization, activation and environmental applications of engineered biochar: a review	Akhil D, Divya Lakshmi, Kartik A, Dai-Viet N Vo, Arun J, Gopinath KP	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-020-01167-Z	Yes
1111	Modelling of urea hydrolysis kinetics using genetic algorithm coupled artificial neural networks in urease immobilized magnetite nanoparticles	Carlin Geor Malar, Muthulingam Seenuvasan, Mohanraj Murugesan, S.B.Ron Carter, Kannaiyan Sathishkumar	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522014229	Yes

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1112	Processing of marine microalgae biomass via hydrothermal liquefaction for bio-oil production: study on algae cultivation, harvesting, and process parameters	Thangavelu EswaryDevi, Rangasamy Parthiban, Jayaseelan Arun, Kannappan Panchamoorthy Gopinath	Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190-6815	https://link.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-03446-5	Yes
1113	Effects of using Palm flower Biochar in Mechanical and Water Purification properties of Pervious Concrete	M. Abhinaya, R. Parthiban, N. Sivakumar	Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190-6815	https://link.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-03606-7	Yes
1114	Thermal, Electrical, Morphological and hydrophobic properties of bio-silica reinforced bio-benzoxazine nanocomposites	Chandramohan Ayyavu, Parthiban Rangasamy, Ponnusamy Senthil Kumar, Sathish Kumar Kannaiyan, Alagar Muthukaruppan, Dinakaran Kannaiyan	Chemical Engineering	Applied Nanoscience	2022	2190-5509	https://link.springer.com/journal/13204	https://doi.org/10.1007/s13204-023-02840-3	Yes
1115	Cost effective and facile low temperature hydrothermal fabrication of Cu ₂ S thin films for hydrogen evolution reaction in seawater splitting	T. Marimuthu, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Xueqing Xu*, Dhayalan Velauthapillai, Dai Viet N. Vo	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319921024101	Yes
1116	Nickel and cobalt co-doped MnCO ₃ nanostructures for water oxidation reaction	S. Swathi, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, M. Thambidurai, Cuong Dang, Dhayalan Velauthapillai, Dai-Viet N. Vo	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319921030159	Yes

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1117	Electrochemical energy storage and conversion applications of CoSn(OH) ₆ materials	M. Isacfranklin, B. Jansi Rani, P. Senthil Kumar, R. Yuvakkumar*, G. Ravi*, A. Manigandan, M. Thambidurai, Cuong Dang*, Dhayalan Velauthapillai	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319921030135	Yes
1118	Automated weed detection system in smart farming for developing sustainable agriculture	S.V. Jansi Rani, P. Senthil Kumar*, R. Priyadharsini, S. Jahnavi Srividya, S. Harshana	Chemical Engineering	International Journal of Environmental Science and Technology	2022	1735-1472	https://link.springer.com/journal/13762	https://link.springer.com/article/10.1007/s13762-021-03606-6	Yes
1119	Surfactant-assisted tungsten sulfide mesoporous sphere for hydrogen production	S. Swathi, R. Yuvakkumar*, P. Senthil Kumar, G. Ravi, Dhayalan Velauthapillai	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319921038672	Yes
1120	A review on bioconversion processes for hydrogen production from agro-industrial residues	A. Saravanan, P. Senthil Kumar*, Nurul Syahirah Mat Aron, S. Jeevanantham, S. Karisma, P.R. Yaashikaa, Kit Wayne Chew, Pau Loke Show*	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319921032250	Yes
1121	Recent advances in carbon nitride-based nanomaterials for hydrogen production and storage	Rekha Pachaiappan*, Saravanan Rajendran**, P. Senthil Kumar, Dai-Viet N. Vo, Tuan K.A. Hoang, Lorena Cornejo-Ponce	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319921035424	Yes

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1122	Pristine and cobalt doped copper sulfide microsphere particles for hydrogen evolution reaction by seawater splitting	T. Marimuthu, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Xueqing Xu*, Gang Xu, Dhavalan Velauthapillai	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.science-direct.com/science/article/abs/pii/S0360319921037253	Yes
1123	Progress in the production of hydrogen energy from food waste: A bibliometric analysis	Adithya Sridhar, Muthamilselvi Ponnuchamy, Ponnusamy Senthil Kumar*, Ashish Kapoor* and Leilei Xiao*	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.science-direct.com/science/article/abs/pii/S0360319921038805	Yes
1124	Heterostructured two dimensional materials of MXene and Graphene by hydrothermal method for efficient hydrogen production and HER activities	V. Thirumal, R. Yuvakkumar*, P.Senthil Kumar*, G. Ravi, A. Arun, Ramesh K. Guduru, Dhavalan Velauthapillai	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.science-direct.com/science/article/abs/pii/S0360319921047455	Yes
1125	Si@Mxene/Graphene crumbled spherical nanocomposites	V. Thirumal, R. Yuvakkumar*, P.Senthil Kumar*, G. Ravi, Dhavalan Velauthapillai	Chemical Engineering	International Journal of Energy Research	2022	0363-907X	https://onlinelibrary.wiley.com/journal/1099114x	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.7743	Yes
1126	Facile hydrothermal synthesis of MXene@antimony nanoneedle composites for toxic pollutants removal	V. Thirumal, R. Yuvakkumar*, P.Senthil Kumar*, SP. Keerthana, G. Ravi, M. Thambidurai, Cuong Dang, Dhavalan Velauthapillai	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science-direct.com/science/article/abs/pii/S0013935122002316	Yes
1127	Surfactant induced copper vanadate (β -Cu ₂ V ₂ O ₇ , Cu ₃ V ₂ O ₈) for different textile dyes degradation	SP. Keerthana, R. Yuvakkumar*, P.Senthil Kumar*, G. Ravi, Dhavalan Velauthapillai	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science-direct.com/science/article/abs/pii/S0013935122002912	Yes

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1128	Advancements on sustainable microbial fuel cells and their future prospects: A review	A.K. Priya, C. Subha, P. Senthil Kumar, R. Suresh, Saravanan Rajendran*, Yasser Vasseghian*, Matias Soto-Moscoso	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122002572	Yes
1129	PEG mediated tetragonal calcium molybdate nanostructures for electrochemical energy conversion applications	S. Swathi, R. Yuvakkumar*, P.Senthil Kumar*, G. Ravi, M. Thambidurai, Cuong Dang, Dhayalan Velauthapillai	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319922010035	Yes
1130	Algal biofuels: Technological perspective on cultivation, fuel extraction and engineering genetic pathway for enhancing productivity	P.R. Yaashikaa, M. Keerthana Devi, P. Senthil Kumar	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122006767	Yes
1131	Insights on synthesis and applications of graphene-based materials in wastewater treatment: A review	A. Saravanan, P.Senthil Kumar*, S. Srinivasan, S. Jeevanantham, M. Vishnu, K. Vishal Amith, R. Sruthi, R. Saravanan, Dai-Viet N. Vo	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522007779	Yes
1132	Novel cobalt doped hafnium oxide/reduced graphene oxide nanosphere composite materials exhibit superior supercapacitor performance and long cyclic stability	P. Nethaji, P. Revathi, P. Senthil Kumar*	Chemical Engineering	Sustainable Energy Technologies and Assessments	2022	2213-1388	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	https://www.sciencedirect.com/science/article/abs/pii/S2213138822002193	Yes

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1133	Removal of toxic heavy metals using genetically engineered microbes: Molecular tools, risk assessment and management strategies	A. Saravanan, P.Senthil Kumar*, B. Ramesh, S. Srinivasan	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522008347	Yes
1134	Review on Biopolymers and Composites – Evolving material as adsorbents in removal of environmental pollutants	P. R. Yaashikaa, P.Senthil Kumar*, S. Karishma	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122004418	Yes
1135	Enhanced methane production by granular activated carbon: A review	Leilei Xiao*, Jian Liu, P.Senthil Kumar Meng Zhou, Jiafeng Yu, Eric Lichtfouse	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122007621	Yes
1136	Halides and oxyhalides-based photocatalysts for abatement of organic water contaminants – An overview	R. Suresh Saravanan Rajendran*, P. Senthil Kumar, Tuan K.A. Hoang, Matias Soto- Moscoso	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122004765	Yes
1137	Advances in the application of immobilized enzyme for the remediation of hazardous pollutant: A review	P.R. Yaashikaa, M. Keerthana Devi, P.Senthil Kumar*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522008839	Yes
1138	Development of lab-on-chip biosensor for the detection of toxic heavy metals: A review	V. Karthik, B. Karuna, P.Senthil Kumar*, A. Saravanan, R.V. Hemavathy	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522009201	Yes
1139	Recent review on electron transport layers in perovskite solar cells	Shini Foo, M. Thambidurai, P.Senthil Kumar*, R. Yuvakkumar, Yizhong Huang*, Cuong Dang*	Chemical Engineering	International Journal of Energy Research	2022	0363-907X	https://onlinelibrary.wiley.com/journal/1099114x	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.7958	Yes

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1140	Production of hydrogen and value-added carbon materials by catalytic methane decomposition. A review	Cham Q. Pham, Tan Ji Siang, Ponnusamy Senthil Kumar, Zainal Ahmad, Leilei Xiao, Mahadi B. Bahari, Anh Ngoc T. Cao, Natarajan Rajamohan, Amjad Saleh Qazaq, Amit Kumar, Pau Loke Show, Dai-Viet N. Vo*	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-022-01449-2	Yes
1141	Insights into the role of nanotechnology on the performance of biofuel cells and the production of viable biofuels: A review	Humira Assad, Savas Kaya, P. Senthil Kumar, Dai-Viet N. Vo, Ajit Sharma, Ashish Kumar*	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S001623612201129	Yes
1142	Prediction of bio-heat and mass transportation in radiative MHD Walter-B nanofluid using MANFIS model	S. Gopi Krishna, M. Shanmugapriya*, P. Senthil Kumar	Chemical Engineering	Mathematics and Computers in Simulation	2022	0378-4754	https://www.sciencedirect.com/journal/mathematics-and-computers-in-simulation	https://www.sciencedirect.com/science/article/pii/S0378475422001793	Yes
1143	Microbial pullulan for food, biomedicine, cosmetic and water treatment: a review	Subbulakshmi Muthusamy, Swetha Juliet Anandharaj, Ponnusamy Senthil Kumar*, Yogesan Meganathan, Dai-Viet Nguyen Vo*, Vinoth Kumar Vaidyanathan*, Shanmugaparakash Muthusamy*	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-022-01460-7	Yes

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1144	Static and dynamic analysis of sulfamethoxazole using GO/ZnO modified glassy carbon electrode by differential pulse voltammetry and amperometry techniques	P.Senthil Kumar*, B.S. Sreeja, K. Krishna Kumar, G. Padmalaya	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522014199	Yes
1145	Carbon quantum dots embedded trimetallic oxide: Characterization and photocatalytic degradation of Ofloxacin	Gaurav Sharma*, Amit Kumar, P. Senthil Kumar, Abdullah Alodhay, Zeid A. AlOthman, Pooja Dhiman, Florian J. Stadler	Chemical Engineering	Journal of Water Process Engineering	2022	2214-7144	https://www.sciencedirect.com/journal/journal-of-water-process-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2214714422002975	Yes
1146	Green synthesis of curcumin-silver nanoparticle and its modified electrode assisted amperometric sensor for the determination of paracetamol	K. Krishna Kumar, M. Devendiran, P.Senthil Kumar*, R. Suresh Babu, S. Sriman Narayanan*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522014874	Yes
1147	Heat Transfer Effect of SiC-GN Hybrid Nanocomposite with Viscoplastic Fluid in Aircraft Jet Engine Hoses	S. Mullai Venthan*, M.S. Nisha, P.Senthil Kumar*, I. Jayakaran Amalraj	Chemical Engineering	Sustainable Energy Technologies and Assessments	2022	2213-1388	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	https://www.sciencedirect.com/science/article/abs/pii/S2213138822003496	Yes
1148	Investigation on the Performance of Nanostructure TiO2 bi-layer as Photoanode for Dye Sensitized Solar Cell Application	M.Shobanaa, P.Balraju*, P.Senthil Kumar*, N.Muthukumarasamy, R. Yuvakkumar, Dhayalan Velauthapillai	Chemical Engineering	Sustainable Energy Technologies and Assessments	2022	2213-1388	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	https://www.sciencedirect.com/science/article/abs/pii/S2213138822003472	Yes

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1149	Recent developments on graphene and its derivatives based electrochemical sensors for determinations of food contaminants	R. Suresh, Saravanan Rajendran*, P. Senthil Kumar, Tuan K.A. Hoang, Matias Soto-Moscoso, A.A. Jalil	Chemical Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522003672	Yes
1150	Fabrication and characterization of magnetic nanomaterials for the removal of toxic pollutants from water environment: A review	P. R. Yaashikaa, P.Senthil Kumar*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522015600	Yes
1151	Sodium alginate/magnetic hydrogel microspheres from sugarcane bagasse for removal of sulfamethoxazole from sewage water: Batch and column Modeling	G. Prasannamedha, P.Senthil Kumar*, S.Shivaani, M.Kokila	Chemical Engineering	Environmental Pollution	2022	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749122007370	Yes
1152	Hydrogen generation from CO2 reforming of biomass-derived methanol on Ni/SiO2 catalyst	Pham Thi Thuy Phuong, Nguyen Nguyen Phuong, P. Senthil Kumar, Nguyen Phuc Hoang Duy, Quyet Van Le, Le Thi Bao Ngoc, A. A. Jalil, Saravanan Rajendran, Chin Kui Cheng, Thanh-Huong Nguyen, Minh Tuan Nguyen Dinh, Dai-Viet N. Vo	Chemical Engineering	Topics in Catalysis	2022	1022-5528	https://link.springer.com/journal/11244	https://link.springer.com/article/10.1007/s11244-022-01621-6	Yes

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1153	A critical and recent developments on adsorption technique for removal of heavy metals from wastewater: A review	Saravanan Rajendran*, A.K. Priya, P. Senthil Kumar, Tuan K.A. Hoang, Karthikeyan Sekar, Kar Yeen Chong, Kuan Shiong Khoo, Hui Suan Ng, Pau Loke Show	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522016393	Yes
1154	A review on biodiesel production by algal biomass: Outlook on lifecycle assessment and techno-economic analysis	P.R. Yaashikaa, M. Keerthana Devi, P.Senthil Kumar*, E. Pandian	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122016192	Yes
1155	Extraction techniques in food industry: Insights into process parameters and their optimization	Adithya Sridhar, Vijay Vaishampayan, P.Senthil Kumar*, Muthamilselvi Ponnuchamy, Ashish Kapoor*	Chemical Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522004057	Yes
1156	Recent trends and advancements in nanoporous membranes for water purification	A.K.Priya, Lalitha Gnanasekaran, P.Senthil Kumar, A.A.Jalil, Tuan K.A.Hoang, Saravanan Rajendran, MatiasSoto-Moscoso, Deepanrai Balakrishnan	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522016988	Yes

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1157	Metronidazole photocatalytic degradation by zinc oxide nanoparticles synthesized in watermelon peel extract; Advanced optimization, simulation and numerical models using machine learning applications	Adel Al-Gheethi*, Narmatha Sundram, Rich Crane, Abdullah Alburhi, Radin Maya Saphira Radin Mohamed**, Muhanna Mohammed Al-Shaibani, Efaq Ali Noman, Senthil Kumar Ponnusamy, Nor Amani Filzah Mohd Kamil	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122008647	Yes
1158	Effect of grinding time on bismuth oxyhalides optical and morphological properties influence on photocatalytic removal of organic dye	SP. Keerthana, K. Kowsalya, P.Senthil Kumar*, R. Yuvakkumar*, L. Kungumadevi, G. Ravi, Dhavalan Velauthapillai	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522017659	Yes
1159	An efficient high powered sulfamethaxazole sensor based on p-n junction heterostructures using nanostructured ZnO thin film and graphene oxide sheets	Ponnusamy Senthil Kumar*, Balakrishnapillai Suseela Sreeja, Padmalaya Gurunathan, Kungumaraj Krishna Kumar	Chemical Engineering	Industrial & Engineering Chemistry Research	2022	0888-5885	https://pubs.acs.org/journal/iecred	https://www.researchgate.net/publication/363009412_An_Efficient_High-Powered_Sulfamethaxazole_Sensor_Based_on_p-n_Junction_Heterostructures_Using_Nanostructured_ZnO_Thin_Film_and_Graphene_Oxide_Sheets	Yes
1160	Recent advances in electrochemical sensor developments for detecting emerging pollutant in water environment	V. Karthik, P.Selvakumar, P.Senthil Kumar*, V. Satheeskumar, M. Godwin Vijaysunder, S.Hariharan, K.Antony	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522018240	Yes

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1161	Preparation and characterization of antimony nanoparticles for hydrogen evolution activities	V. Thirumal, R. Yuvakkumar*, P.Senthil Kumar*, B. Saravanakumar, G. Ravia, M. Shobana, Dhayalan Velauthapillai	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122017501	Yes
1162	Nitrogen and nitrogen-sulfur doped graphene nanosheets for efficient hydrogen productions for HER studies	V. Thirumal, R. Yuvakkumar*, P.Senthil Kumar*, G. Ravi, M. Shobana, B. Saravanakumar, Dhayalan Velauthapillai	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319922027690	Yes
1163	Ruthenium dioxide anchored on reduced graphene oxide nanocomposite for 1.2 V symmetric supercapacitor devices	V. Uma Shankar, P.Senthil Kumar*, D. Govindarajan, P. Nethaji, G. Bharath Balji	Chemical Engineering	Sustainable Energy Technologies and Assessments	2022	2213-1388	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	https://www.sciencedirect.com/science/article/abs/pii/S2213138822004969	Yes
1164	Exploration of effective biorefinery approach to obtain the commercial value-added products from algae	S.Thanigaivel, A.K.Priya, P.Senthil Kumar, Khoo Kuan Shiong, Tuan K.A.Hoang, Saravanan Rajendran, MatiasSoto-Moscoso	Chemical Engineering	Sustainable Energy Technologies and Assessments	2022	2213-1388	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	https://www.sciencedirect.com/science/article/abs/pii/S2213138822005021	Yes
1165	Antimicrobial activity and cytotoxicity effect of the prepared bioactive Ag-NPs using Senna alata leaf extract on MCF-7 cancer cell line and brine shrimp	A. Saravanan, V. Parthasarathy, P. Senthil Kumar	Chemical Engineering	Journal of Sol-Gel Science and Technology	2022	0928-0707	https://link.springer.com/journal/10971	https://link.springer.com/article/10.1007/s10971-022-05889-8	Yes

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1166	Understanding the impact of different pretreatment methods on the conversion of Casuarina equisetifolia biomass to 5-hydroxymethylfurfural and their energy cost assessment	Devi Sri Rajendran, Swethaa Venkataraman, P.Senthil Kumar*, Trishita Bhattacharya, Krishnakumar Ramachandran, Vinoth Kumar Vaidyanathan*	Chemical Engineering	Industrial Crops & Products	2022	0926-6690	https://www.sciencedirect.com/journal/industrial-crops-and-products	https://www.sciencedirect.com/science/article/abs/pii/S092669022007580	Yes
1167	Green synthesis of a photocatalyst Ag/TiO ₂ nanocomposite using Cleistocalyx operculatus leaf extract for degradation of organic dyes	Tran Hung Nguyen, Nhat Huy Hoang, Chinh Van Tran, P.T.M. Nguyen, Trung-Dung Dang*, W. Jin Chung, S. Woong Chang, D. Duc Nguyen*, P.Senthil Kumar*, Duong Duc L	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522019671	Yes
1168	IGZO-decorated ZnO thin films and their application for gas sensing	Sunil Babu Eadi, Han Yan, P.Senthil Kumar*, R.Yuvakkumar, Hi-Deok Lee*	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122011239	Yes
1169	Photocatalytic degradation of methylene blue dye using newly synthesized Zirconia nanoparticles	Ramesh Vinayagam, Bhawesh Singhanian, Gokulakrishnan Murugesan, P.Senthil Kumar, Ruchi Bhole, Manoj Kumar Narasimhan, Thivaharan Varadavenkatesan	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122011124	Yes

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1170	Carbon dioxide methanation on heterogeneous catalysts: a review	Cham Q. Pham, Mahadi B. Bahari · Ponnusamy Senthil Kumar, Shams Forruque Ahmed, Leilei Xiao, Sunil Kumar, Amjad Saleh Qazaq, Tan Ji Siang, Huu-Tuan Tran, Aminul Islam, Adel Al-Gheethi, Yasser Vasseghian, Dai-Viet N. Vo	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-022-01483-0	Yes
1171	Plant-mediated gold and silver nanoparticles as detectors of heavy metal contamination	Sneha Nayak*, Louella Concepta Goveas, P.Senthil Kumar*, Raja Selvaraj, Ramesh Vinayagam	Chemical Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522004690	Yes
1172	Laccase production by <i>Pleurotus ostreatus</i> using cassava waste and its application in remediation of phenolic and polycyclic aromatic hydrocarbon contaminated lignocellulosic biorefinery wastewater	Vaidyanathan Vinoth Kumar, Swethaa Venkataraman, P.Senthil Kumar*, Jenet George, Devi Sri Rajendran, Anna Shaji, Nicole Lawrence, Kongkona Saikia, Abiram Karanam Rathankumar	Chemical Engineering	Environmental Pollution	2022	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749122009435	Yes
1173	Heterostructured γ -Fe ₂ O ₃ /FeTiO ₃ magnetic nanocomposite: An efficient visible-light-driven photocatalyst for the degradation of organic dye	N. Subha, M. Mahalakshmi*, S. Monika, P. Senthil kumar, V. Preethi, G. Vaishnavi, A. Rajabhuvaneswari	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522021245	Yes

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1174	Threats, challenges and sustainable conservation strategies for freshwater Biodiversity	Shams Forruque Ahmed*, P. Senthil Kumar, Maliha Kabir, Fatema Tuz Zuhara, Aanushka Mehjabin, Nuzaba Tasannum, Anh Tuan Hoang**, Zobaidul Kabire, M. Mofijur	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science-direct.com/science/article/abs/pii/S0013935122011355	Yes
1175	Biochar derived carbonaceous material for various environmental applications: Systematic review	A. Saravanan, P.Senthil Kumar*	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science-direct.com/science/article/abs/pii/S0013935122011847	Yes
1176	Engineering microbes for enhancing the degradation of environmental pollutants: A detailed review on synthetic biology	P.R. Yaashikaa, M. Keerthana Devi, P.Senthil Kumar*	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.science-direct.com/science/article/abs/pii/S0013935122011951	Yes
1177	Treatment of mixed azo dyes in an aerobic sequential batch reactor and toxicity assessment using <i>Vigna radiata</i>	T. Akshaya Vidhya, K. Veena Gayathri*, P.Senthil Kumar*, Gayathri Rangasamy, Tasneem M Kathawala	Chemical Engineering	International Journal of Chemical Engineering	2022	1687-806X	https://www.hindawi.com/journals/ijce/	https://hindawi.com/journals/ijce/2022/7083772/	Yes
1178	Biohydrogen Production: An outlook on methods, constraints, economic analysis and future prospect	P.R. Yaashikaa, M. Keerthana Devi, P. Senthil Kumar*	Chemical Engineering	International Journal of Hydrogen Energy	2022	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.science-direct.com/science/article/abs/pii/S0360319922030968	Yes
1179	The consequence of Mg and Mn doping on the structure, photoluminescence, morphology, photocatalytic performance properties of t,m-ZrO ₂ nanoparticles fabricated by the co-precipitation method	G. Rajesh, S. Akilandeswari, P.Senthil Kumar* V.Uma Shankar, M.Ramya, K.Nirmala	Chemical Engineering	Applied Nanoscience	2022	2190-5509	https://link.springer.com/journal/13204	https://link.springer.com/article/10.1007/s13204-022-02579-3	Yes

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1180	A review on synthesis methods and recent applications of nanomaterial in wastewater treatment: Challenges and future perspectives	A. Saravanan, P.Senthil Kumar*, R.V. Hemavathy, S. Jeevanantham, Marie Jyotsna Jawahar, J.P. Neshanthini, R. Saravanan	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522022068	Yes
1181	Biosensor for heavy metals detection in wastewater: A review	Karthik Velusamy, Selvakumar Periyasamy, P.Senthil Kumar*, Gayathri Rangasamy, J. Mercy Nisha Pauline, Pradeep Ramaraju, Sneha Mohanasundaram, Dai-Viet Nguven Vo*	Chemical Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522005051	Yes
1182	Electrochemical sensing of copper (II) ion in water using bi-metal oxide framework modified glassy carbon electrode	Senthil Theerthagiri, Parkavi Rajkannu, P.Senthil Kumar*, Prabukanthan Peethambaram, Chandramohan Ayyavu, Ramachandran Rasu, Dinakaran Kannaiyan*	Chemical Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522005117	Yes
1183	Investigation of Nafion coated GO-ZnO nanocomposite behaviour for sulfamethoxazole detection using cyclic voltammetry	P.Senthil Kumar*, B.S. Sreeja, K. Krishna Kumar, G. Padmalaya	Chemical Engineering	Food and Chemical Toxicology	2022	0278-6915	https://www.sciencedirect.com/journal/food-and-chemical-toxicology	https://www.sciencedirect.com/science/article/abs/pii/S0278691522005099	Yes
1184	Epidemiological impact of COVID-19 in India: Country with second foremost positive cases in the world	V. Uma Shankar, P.Senthil Kumar*, K. Nirmala	Chemical Engineering	Total Environment Research Themes	2022	2772-8099	https://www.sciencedirect.com/journal/total-environment-research-themes	https://www.sciencedirect.com/science/article/pii/S2772809922000077	Yes

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1185	Green synthesis of Mn ₃ O ₄ nanoparticles using Costus woodsonii flowers extract for effective removal of malachite green dye	Thuan Van Tran, Duyen Thi Cam Nguyen, Ponnusamy Senthil Kumar, Azam Taufik Mohd Din, Amjad Saleh Qazaq, Dai-Viet N. Vo*	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S001393512201252X	Yes
1186	Remedial strategies for abating 1,4-dioxane pollution- Special emphasis on diverse biotechnological interventions	Mansi Kikani, Gopi Vijaybhal Satsiya, Tarini Prasad Sahoo, P. Senthil Kumar, M. Anil Kumar	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S001393512201266X	Yes
1187	Assessment of physico-chemical parameters of surface waters of a tropical brackish water lake in South Asia	K. Nirmala, P.Senthil Kumar*, N.K. Ambujam, S. Srinivasalu	Chemical Engineering	Environmental Research	2022	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935122012853	Yes
1188	Modeling of sugarcane bagasse conversion to levulinic acid using response surface methodology (RSM), artificial neural networks (ANN), and fuzzy inference system (FIS): a comparative evaluation	Marcelina Ogedjo, Ashish Kapoor*, P.Senthil Kumar*, Gayathri Rangasamy, Muthamilselvi Ponnuchamy, Manjula Rajagopal, Protibha Nath Banerjee*	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122022438	Yes
1189	Bioethanol production optimization through machine learning algorithm approach: biomass characteristics, saccharification, and fermentation conditions for enzymatic hydrolysis	Nithianantharaj Vinitha, Jaikumar vasudevan, Kannappan Panchamoorthy Gopinath	Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190-6815	https://link.springer.com/journal/13399	https://doi.org/10.1007/s13399-022-03163-z	Yes

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1190	Biological approaches of reduced graphene oxide (rGO) nanosheets using Pleurotus sajor caju extract and its in vitro pharmaceutical applications	Kumar Manimaran, Dhakshinamoorthy Gnana Prakash, Selvaraj Kumar, Karunanithi Bogeshwaran, Kholood A Dahlous, Abdallah AA Mohammed, Mani Govindasamy	Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03457-2	Yes
1191	Mycosynthesis and biochemical characterization of Hypsizygus ulmarius derived ZnO nanoparticles and test its biomedical applications	Kumar Manimaran, Settu Loganathan, Dhakshinamoorthy Gnana Prakash, Devarajan Natarajan, Fatmah Ali Alasmay, Abdunnasser Mahmoud Karami, Mani Govindasamy	Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03582-y	Yes
1192	Antibacterial and anticancer potential of mycosynthesized titanium dioxide (TiO ₂) nanoparticles using Hypsizygus ulmarius	Kumar Manimaran, Settu Loganathan, Dhakshinamoorthy Gnana Prakash, Devarajan Natarajan	Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-022-03186-6	Yes
1193	In Vitro and In Vivo Comparative Analysis of Differentially Expressed Genes and Signaling Pathways in Breast Cancer Cells on Interaction with Mesenchymal Stem Cells	Jayaraman, H., Anandhapadman, A., Ghone, N.V.	Chemical Engineering	Applied Biochemistry and Biotechnology	2022	0273-2289			Yes
1194	Critical Review on Carbon-Based Nanomaterial for Carbon Capture: Technical Challenges, Opportunities, and Future Perspectives	Venkadeshkumar Ramar, Ambedkar Balraj	Chemical Engineering	Energy & Fuels	2022	1520-5029	https://pubs.acs.org/journal/enfuem	https://doi.org/10.1021/acs.energyfuels.2c02585	Yes

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1195	Investigation of Molecular Interaction, Performance of Green Solvent in Esterification of Ethanol and Acetic Acid at 298.15 K and at 1 atm.	Anantharaj Ramalingam, Tamal Banerjee, Vivek Mariappan Santhi, Dharendra Kumar Mishra, Danish John Paul Mark Reji, Shruthi Nagaraj	Chemical Engineering	Asia-Pacific Journal of Chemical Engineering	2022	1932-2135	https://onlinelibrary.wiley.com/journal/19322143	https://onlinelibrary.wiley.com/doi/10.1002/api.2875	Yes
1196	Density Functional Theory Study of the Molecular Interaction between Selective Phenolic Compounds and Glycerol-Based Deep Eutectic Solvents	Vichitra Malaiyarasan, Varshith Vijayan Nidhya, Anantharaj Ramalingam, and Sujatha Ramalingam	Chemical Engineering	ACS Agricultural Science & Technology	2022	2692-1952	https://pubs.acs.org/toc/aastgj/3/1	https://doi.org/10.1021/acs.jced.2c00549	Yes
1197	Solution Thermodynamic Properties of {Tetrabutyl Ammonium Bromide: Glycerol} Hydrophilic DESs at T = 298.15–348.15 K and 0.1 MPa and an Approach over Solvent Extraction of Cr (VI) Using {Tetrabutyl Ammonium Bromide: Decanoic Acid/Oleic Acid} Hydrophobic DESs	K. Kadambanathan and R. Anantharaj	Chemical Engineering	Journal of Chemical & Engineering Data	2022	0021-9568	https://pubs.acs.org/toc/iceaax/68/1	https://doi.org/10.1021/acs.jced.2c00549	Yes
1198	A Short Review On Feedstock Characteristics In Methane Production From Municipal Solid Waste	Arunthathi S, Balaji D and Sivapriya V	Chemical Engineering	Architecture, Civil Engineering, Environment	2022	2720-6947	https://sciencedirect.com/journal/ACEE	https://sciencedirect.com/article/10.2478/acee-2022-0032	Yes
1199	Enhanced photocatalytic degradation kinetics of azo-dyes by novel Ni ²⁺ and Ag ²⁺ doped ZnO nanocatalysts	Chitra Sekaran; Balaji Dhandapani; Alagesan, T., Balaji, G	Chemical Engineering	Applied Surface Science Advances	2022	2666-5239	https://www.sciencedirect.com/journal/applied-surface-science-advances	https://www.sciencedirect.com/science/article/pii/S2666523922001234?via%3Dihub	Yes

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1200	Biodegradation of textile dye Rhodamine-B by Brevundimonas diminuta and sscreening of their breakdown metabolites	Swetha Saravanan, Femina Carolin C, P.Senthil Kumar*, B. Chitra, Gayathri Rangasamy	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352202759X	Yes
1201	Adsorptive behaviour of surface tailored fungal biomass for the elimination of toxic dye from wastewater	V Karthik, P Senthil Kumar, Kilaru Harsha Vardhan, K Saravanan, N Nithyakala	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1787400	Yes
1202	Adsorption of copper ions from polluted water using biochar derived from waste renewable resources: static and dynamic analysis	Kilaru Harsha Vardhan, P Senthil Kumar, Rames C Panda	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1779245	Yes
1203	Metal mixed biochar electrodes for the generation of electricity with high power density in microbial fuel cell.	M Ramya, Kilaru Harsha Vardhan, P Senthil Kumar	Chemical Engineering	Sustainable Energy Technologies and Assessments	2022	2213-1388	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	https://www.sciencedirect.com/science/article/abs/pii/S2213138822005999	Yes
1204	Nonlinear Electrochemical Impedance Spectroscopy as a Novel Approach to Identify an Electrochemical Reaction Mechanism at Electrode-Electrolyte Interface	Pachimatla Rajesh	Chemical Engineering	International Journal of Electrochemical Science	2022	1452-3981	https://www.sciencedirect.com/journal/international-journal-of-electrochemical-science	https://www.sciencedirect.com/science/article/pii/S1452398123023738	Yes
1205	Sustainable transition towards biomass-based cement industry: A review	Ravi Teja Kusuma, Rahul B. Hiremath, Pachimatla Rajesh b, Bimlesh Kumar, Suresh Renukappa	Chemical Engineering	Renewable and Sustainable Energy Reviews	2022	1364-0321	https://www.sciencedirect.com/journal/renewable-and-sustainable-energy-reviews	https://www.sciencedirect.com/science/article/abs/pii/S1364032122004075	Yes

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1206	Comparative energy bandgap analysis of zinc and tin based chalcogenide quantum dots	Irshad Ahamed Mansoor Ahamed, K Sathish Kumar, A Sivaranjani	Chemical Engineering	Revista Mexicana de Física,	2022	0035-001X	https://www.scielo.org.mx/scielo.php?script=sci_serial&pid=0035-001X&lng=es&nr_m=iso	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0035-001X2022000400020	Yes
1207	Exfoliation of nanographene from waste batteries and its application in methylene blue dye removal	K Bogeswaran, K Sathish Kumar	Chemical Engineering	Journal of Chilean chemical society	2021	0717-9707	https://jcchems.com/index.php/JCCHEMS	https://www.jcchems.com/index.php/JCCHEMS/article/view/1832	Yes
1208	Characteristic study of exfoliated graphene particles from waste batteries	Shreya Suresh, Vinatha Viswanathan, Malarvizhi Angamuthu, K Bogeswaran, K Sathish Kumar	Chemical Engineering	Brazilian Journal of Chemical Engineering,	2021	0104-6632	https://link.springer.com/journal/43153	https://link.springer.com/article/10.1007/s43153-021-00138-x	Yes
1209	Numerical Investigation of Microchannel Cooling Using Nanocomposites	G. Sudha, Chitra Boobalan, R. Parthiban	Chemical Engineering	Arabian Journal for Science and Engineering	2021	2193-567X	https://link.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-022-06666-z	Yes
1210	Synthesis and characterization of 4-Halobenzylidene malanonitriles for optical detection of Nickel (II) ions in aqueous solution	R. Parkavi, R. Parthiban*, P.Senthil Kumar*, A. Chandramohan, K. Dinakaran*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352103722X	Yes
1211	Adsorption of Pb(II) and Cd(II) ions onto Modified Biogenic Slaughterhouse Waste: Equilibrium and Kinetic Analysis	P. Tsopbou Ngueagni, P. Senthil Kumar*, E. DjoufacWoumfo, S. M. Prasanth	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1784409	Yes

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1212	Techniques and modeling of polyphenol extraction from food: A review	Adithya Sridhar, MuthamilselviPonnuchamy, Ponnusamy Senthil Kumar*, Ashish Kapoor*, Dai-Viet N. Vo, Sivaraman Prabhakar	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01217-8	Yes
1213	Mixed biosorbent of agro waste and bacterial biomass for the separation of Pb(II) ions from water system	A. Saravanan, P. Senthil Kumar*, P.R. Yaashikaa, S. Karishma, S. Jeevanantham, S. Swetha	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521007050	Yes
1214	Influence of tin (Sn) doping on Co3O4 for enhanced photocatalytic dye degradation	SP. Keerthana, R. Yuvakkumara*, P. Senthil Kumar*, G. Ravi, Dai-Viet N. Vo, Dhayalan Velauthapillaid	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521007955	Yes
1215	Application of adsorption process for effective removal of emerging contaminants from water and wastewater	B. Senthil Rathi, P. Senthil Kumar*	Chemical Engineering	Environmental Pollution	2021	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749121005777	Yes
1216	Microbial degradation of recalcitrant pesticides: a review	Sanchali Bose, P. Senthil Kumar*, Dai-Viet N. Vo, N. Rajamohan, R. Saravanan	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01236-5	Yes
1217	Advanced techniques to remove phosphates and nitrates from waters: a review	Velusamy Karthik, Ponnusamy Selvakumar, Ponnusamy Senthil Kumar*, Dai-Viet Nguyen Vo, Jaisankar Sindhu, Dhanabal Sneka, Balakrishnan Subhashini	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01239-2	Yes

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1218	Effective water/wastewater treatment methodologies for toxic pollutants removal: Processes and applications towards sustainable development	A. Saravanan, P. Senthil Kumar*, S. Jeevanantham, S. Karishma, B. Tajsabreen, P.R. Yaashikaa, B. Reshma	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521010663	Yes
1219	Microwave pyrolysis of coal, biomass and plastic waste: a review	Aravind Suresh, Alaguabirami Alagusundaram, Ponnusamy Senthil Kumar*, Dai-Viet Nguyen Vo, Femina Carolin Christopher, Bharkavi Balaji, Vinatha Viswanathan, Sibi Sankar	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01245-4	Yes
1220	Anammox bacteria in treating ammonium rich wastewater: Recent perspective and appraisal	Chanusha Weralupitiya, Rasika Wanigatunge, Sarangi Joseph, Bandunee Athapattu, Tae-Ho Lee, Jayanta Kumar Biswas, Maneesha Ginige, Su Shiung Lam, P. Senthil Kumar, Meththika Vithanage*	Chemical Engineering	Bioresource Technology	2021	0960-8524	https://www.sciencedirect.com/journal/bioresour-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852421005794	Yes
1221	Application of biomass derived products in mid-size automotive industries: a review	S.M. Prasanth, P. Senthil Kumar*, S. Harish, M. Rishikesh, Sonil Nanda, Dai-Viet N. Vo	Chemical Engineering	Chemosphere 2021	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521011942	Yes
1222	Biochar promotes methane production during anaerobic digestion of organic waste	Leilei Xia, Eric Lichtfouse*, P. Senthil Kumar, Quan Wang, Fanghua Liu	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01251-6	Yes

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1223	Bioenergy recovery potential through the treatment of the meat processing industry waste in Australia	M. Mofijur, I.M. RizwanulFattah , P. Senthil Kumar, Sk. Yasir Arafat Siddiki, S. M. Ashrafur Rahman, S.F. Ahmed, HwaiChyuanOng , Su Shiung Lam, Irfan Anjum Badruddin , T.M. Yunus Khan , T.M.I. Mahlia	Chemical Engineering	Journal of Environmental Chemical Engineering,	2021	2213-2929	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S2213343721006345	Yes
1224	Annealing temperature effect on cobalt ferrite nanoparticles for photocatalytic degradation	S. Swathi, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Dhayalan Velauthapillai	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521013746	Yes
1225	Micro algal biodiesel synthesized from Monoraphidium sp., and Chlorella sorokiniana: Feasibility and emission parameter studies	B. Namitha, Asha Sathish, P. Senthil Kumar*, K. Nithya*, Shyam Sundar	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S001623612100942X	Yes
1226	Sustainable removal of cadmium from contaminated water using green alga – Optimization, characterization and modeling studies	V. Jayakumar, S. Govindaradjane P. Senthil Kumar, N. Rajamohan, M. Rajasimman	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935121006587	Yes
1227	Efficient photocatalytic degradation of hazardous pollutants by homemade kitchen blender novel technique via 2D-material of few-layer MXene nanosheets	V. Thirumal, R. Yuvakkumar*, P. Senthil Kumar*, SP. Keerthana, G. Ravi, D. Velauthapillai, B. Saravanakumar	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521014569	Yes

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1228	Ethylene glycol assisted MnCO ₃ electrocatalyst for water oxidation and hydrogen production application	S. Swathi, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Dhayalan Velauthapillai, Dai-Viet N. Vo	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236121010309	Yes
1229	A review on sources, identification and treatment strategies for the removal of toxic Arsenic from water system	B. Senthil Rathi, P. Senthil Kumar*	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389421012632	Yes
1230	The Unfurl of Corona Virus and its Thwack on Human and Environment: A Review	R. Sivaranjane, P. Senthil Kumar*	Chemical Engineering	Current Opinion in Environmental Science & Health	2021	2468-5844	https://www.sciencedirect.com/journal/current-opinion-in-environmental-science-and-health	https://www.sciencedirect.com/science/article/pii/S2468584421000611	Yes
1231	Structural, Functional, Resistome and pathogenicity profiling of the Cooum river	S. Aishwarya*, K. Gunasekaran, P. Senthil Kumar*, Arshiya Begum, Evangeline Shantha, V. Jeevith, K. Veena Gayathri	Chemical Engineering	Microbial Pathogenesis	2021	0882-4010	https://www.sciencedirect.com/journal/microbial-pathogenesis	https://www.sciencedirect.com/science/article/abs/pii/S088240102100320X	Yes
1232	Optimization strategies of alkaline thermo-chemical pretreatment for the enhancement of biogas production from de-oiled algae	C.N. Kowthaman*, V. Arul Mozhi Selvan, P. Senthil Kumar*	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236121011212	Yes
1233	Adsorptive removal of Pb(II) ions onto surface modified adsorbents derived from Cassia fistula seeds: Optimization and modelling study	R.V. Hemavathy, A. Saravanan, P. Senthil Kumar*, Dai-Viet N. Vo*, S. Karishma, S. Jeevanantham	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521017483	Yes

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1234	A review on catalytic-enzyme degradation of toxic environmental pollutants: Microbial enzymes	A. Saravanan, P. Senthil Kumar*, Dai-Viet N. Vo, S. Jeevanantham, S. Karishma, P.R. Yaashikaa	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389421014163	Yes
1235	Investigation of electrochemical performance of an efficient Ti2O3-CeO2 nanocomposite for enhanced pollution-free energy conversion applications	S. Swathi, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Dhayalan Velauthapillai	Chemical Engineering	Journal of Environmental Management	2021	1095-8630	https://www.sciencedirect.com/journal/journal-of-environmental-management	https://www.sciencedirect.com/science/article/abs/pii/S0301479721012007	Yes
1236	Sustainable approach on removal of toxic metals from electroplating industrial wastewater using dissolved air flotation	G. Pooja, P. Senthil Kumar*, G. Prasannamedha, Sunita Varjani, Dai-Viet N. Vo	Chemical Engineering	Journal of Environmental Management	2021	1095-8630	https://www.sciencedirect.com/journal/journal-of-environmental-management	https://www.sciencedirect.com/science/article/abs/pii/S0301479721012093	Yes
1237	Advances in biosorbents for removal of environmental pollutants: A review on pretreatment, removal mechanism and future outlook	P. R. Yaashikaa, P. Senthil Kumar*, A. Saravanan, Dai-Viet N. Vo	Chemical Engineering	Journal of Hazardous Materials	2021	0304-3894	https://www.sciencedirect.com/journal/journal-of-hazardous-materials	https://www.sciencedirect.com/science/article/pii/S0304389421015612	Yes
1238	A review on remedial measures for effective separation of emerging contaminants from wastewater	R. Sivaranjane, P. Senthil Kumar*	Chemical Engineering	Environmental Technology & Innovation	2021	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.sciencedirect.com/science/article/abs/pii/S2352186421003898	Yes
1239	Removal of emerging pollutants from aquatic system using electrochemical treatment and adsorption: comparison and analysis	K. Grace Pavithra, V. Jaikumar*, P. Senthil Kumar*, P. Sundarajan	Chemical Engineering	Environmental Technology & Innovation	2021	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://doi.org/10.1016/j.eti.2021.101754	Yes

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1240	Surface modified polymer-magnetic-algae nanocomposite for the removal of Chromium-Equilibrium and mechanism studies	S. Venkatesh Babu, N. Rajamohan, P. Senthil Kumar, M. Rajasimman, G. Sarojini*	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935121009208	Yes
1241	Analysis and microbial degradation of low-density polyethylene (LDPE) in WINOGRADSKY column	R. Sridharan, V.G. Krishnaswamy, P. Senthil Kumar*	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935121009403	Yes
1242	A review on adsorptive separation of toxic metals from aquatic system using biochar produced from agro-waste	P. Senthil Kumar*, R. Gayathri, B. Senthil Rathi,	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352101910X	Yes
1243	A review on the microbial degradation of chlorpyrifos and its metabolite TCP	Sanchali Bose, P. Senthil Kumar*, Dai-Viet N. Vo	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521019196	Yes
1244	Kinetics, equilibrium and thermodynamic investigations of methylene blue dye removal using Casuarina equisetifolia pines	H. Chandarana, P. Senthil Kumar, S. Muthulingam A.K. Madhava*	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521019524	Yes
1245	Graphene-based materials for environmental applications. A review	V. Karthik, P. Selvakumar, P. Senthil Kumar*, Dai-Viet N. Vo, M. Gokulakrishnan, P. Keerthana, V.Tamil Elakkiya, R.Raieswari	Chemical Engineering	Environmental Chemistry Letters	2021	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01262-3	Yes

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1246	Quercetin-rGO based mercury-free electrode for the determination of Toxic Cd (II) and Pb (II) ions using DPASV technique	K. Krishna Kumar, M. Devendiran, P. Senthil Kumar*, S. Sriman Narayanan*	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S001393512101001X	Yes
1247	Critical review on hazardous pollutants in water environment: Occurrence, monitoring, fate, removal technologies and risk assessment	B. Senthil Rathi, P. Senthil Kumar*, Dai-Viet N. Vo	Chemical Engineering	Science of the Total Environment	2021	0048-9697	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S0048969721042078	Yes
1248	A case study of flood frequency analysis by intercomparison of Graphical linear log-regression method and Gumbel's analytical method in the Vaigai river basin of Tamil Nadu, India	M. Ramasamy*, S. Nagan, P. Senthil Kumar*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521020439	Yes
1249	Automating water quality analysis using ML and auto ML techniques	D. Venkata Vara Prasad, P. Senthil Kumar*, Lokeswari Y Venkataramana, G. Prasannamedha, S. Harshana, S Jahnvi Srividya, K. Harrinei, Sravya Indraganti	Chemical Engineering	Environmental Research	2021	0013-9351	https://www.sciencedirect.com/journal/environmental-research/	https://www.sciencedirect.com/science/article/abs/pii/S0013935121010148	Yes
1250	Micro-patterned graphite electrodes: An analysis and optimization of process parameters on hydrogen evolution in water electrolysis	C.N. Kowthaman*, P. Senthil Kumar*, V. Arul Mozhi Selvan	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236121014216	Yes

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1251	Advantage of conductive materials on interspecies electron transfer-independent acetoclastic methanogenesis: A critical review	Leilei Xiao*, Eric Lichtfouse, P. Senthil Kumar*	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236121014587	Yes
1252	Characterization of biofilm formation and reduction of hexavalent chromium by bacteria isolated from tannery sludge	Annapurna Maurya, P. Senthil Kumar, Abhay Raj*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521022670	Yes
1253	Eco-friendly pH detecting paper-based analytical device: towards process intensification	Pamula Sri Sruthi, Sivasamy Balasubramanian, Ponnusamy Senthil Kumar*, Ashish Kapoor*, Muthamilselvi Ponnuchamy, Meenu Mariam Jacob, Sivaraman Prabhakar	Chemical Engineering	Analytica Chimica Acta	2021	0003-2670	https://www.sciencedirect.com/journal/analytica-chimica-acta	https://www.sciencedirect.com/science/article/abs/pii/S0003267021007790	Yes
1254	Recent Advancements in Microbial Fuel Cells: A review on its Electron transfer mechanisms, Microbial community, Types of substrates and Design for bio-electrochemical treatment	S. Prathiba, P. Senthil Kumar*, Dai-Viet N. Vo	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521023286	Yes
1255	Two-dimensional hybrid perovskite solar cells: a review	T. Marimuthu, R. Yuvakkumar*, P. Senthil Kumar*, Dai-Viet N. Vo, Xueqing Xu*, Gang Xu	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01306-8	Yes
1256	Hexamethylenetetramine concentration effect on CaWO ₄ for electrochemical hydrogen evolution reaction activity	S. Swathi, R. Yuvakkumar*, P. Senthil Kumar*, G. Ravi, Dhayalan Velauthapillai	Chemical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236121016616	Yes

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1257	Photocatalytic disinfection of micro-organisms: Mechanisms and applications	A. Saravanan, P. Senthil Kumar*, S. Jeevanantham, S. Karishma, A.R. Kiruthika	Chemical Engineering	Environmental Technology & Innovation	2021	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.sciencedirect.com/science/article/abs/pii/S2352186421005575	Yes
1258	Target-receptive structural switching of ssDNA as selective and sensitive biosensor for subsequent detection of toxic Pb2+ and organophosphorus pesticide	K. Radhakrishnan, P. Senthil Kumar*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521026357	Yes
1259	A review on recent advancements in recovery of valuable and toxic metals from e-waste using bioleaching approach	P. R. Yaashikaa, B. Priyanka, P. Senthil Kumar*, S. Karishma, S. Jeevanantham, Sravya Indraganti	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521027028	Yes
1260	Recent advancements in the removal/recovery of toxic metals from aquatic system using flotation techniques	G. Pooja, P. Senthil Kumar*, Sravya Indraganti,	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352102703X	Yes
1261	Biohythane as a high potential fuel from anaerobic digestion of organic waste: a review	Salma Aathika Abdur Rawoof, P. Senthil Kumar*, Dai-Viet N. Vo*, Thiruselvi Devaraj, Sivanesan Subramanian*	Chemical Engineering	Renewable and Sustainable Energy Reviews	2021	1364-0321	https://www.sciencedirect.com/journal/renewable-and-sustainable-energy-reviews	https://www.sciencedirect.com/science/article/abs/pii/S1364032121009746	Yes
1262	A review on recent trends in the removal of emerging contaminants from aquatic environment using low-cost adsorbents	M. Varsha, P. Senthil Kumar*, B. Senthil Rathi	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521027429	Yes

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1263	Methods for chemical conversion of plastic wastes into fuels and chemicals. A review	FetciaJackulin Christopher, Ponnusamy Senthil Kumar*, Dai-Viet Nguyen Vo, Femina CarolinChristopher, LakshmiPriya Jayaraman	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01329-1	Yes
1264	Green technology for sustainable surface protection of steel from corrosion: A review	Fatema Said Zahir Said Al Shibli, Subrajit Bose, P.Senthil Kumar*, M. Rajasimman, N. Rajamohan*, Dai-Viet N. Vo	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01332-6	Yes
1265	Biohydrogen from organic wastes as a clean and environment-friendly energy source: Production pathways, feedstock types, and future prospects	A.Saravanan, P.Senthil Kumar, Kuan ShiongKhoo, Pau-LokeShow, C.FeminaCarolin, C.FetciaJackulin, S.Jeevanantham, S.Karishma, Kuan-YeowShow, Duu-Jong Lee, Io-Shu Chang*	Chemical Engineering	Bioresource Technology	2021	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852421013638	Yes
1266	Extraction, purification and applications of biosurfactants based on microbial-derived glycolipids and lipopeptides: a review	Swethaa Venkataraman, Devi Sri Rajendran, Ponnusamy Senthil Kumar*, Dai-Viet Nguyen Vo, Vinoth Kumar Vaidyanathan*	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01336-2	Yes
1267	A review on recent advancements in bioenergy production using microbial fuel cells	M. Ramya, P. Senthil Kumar*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521029842	Yes

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1268	Lab-on-a-chip technologies for food safety, processing, and packaging applications: a review	Adithya Sridhar, Ashish Kapoor*, Ponnusamy Senthil Kumar*, MuthamilselviPonnuchamy, Balasubramanian Sivasamy, Dai-Viet Nguyen Vo	Chemical Engineering	Environmental Chemistry Letters	2022	1610-3653	https://link.springer.com/journal/10311	https://link.springer.com/article/10.1007/s10311-021-01342-4	Yes
1269	Valorization of agro-industrial wastes for biorefinery process and circular bioeconomy: A critical review	P.R. Yaashikaa, P. Senthil Kumar, Sunita Varjani	Chemical Engineering	Bioresource Technology	2022	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852421014681	Yes
1270	Recent advances and sustainable development of biofuels production from lignocellulosic biomass	A.Saravanan, P.Senthil Kumar*, S. Jeevanantham, S. Karishma, Dai-Viet N.Vo	Chemical Engineering	Bioresource Technology	2022	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852421015455	Yes
1271	Continuous electrodeionization on the removal of toxic pollutant from aqueous solution	B. Senthil Rathi, P. Senthil Kumar*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352103280X	Yes
1272	Identification and sequencing of bacteria from crop field: Application of bacteria – agro-waste biosorbent for rapid pesticide removal	A. Saravanan, P.Senthil Kumar*, S. Jeevanantham, P. Harikumar, V. Bhuvaneswari, Sravya Indraganti	Chemical Engineering	Environmental Technology & Innovation	2022	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.sciencedirect.com/science/article/pii/S2352186421007471	Yes
1273	Sustainable approach on the biodegradation of azo dyes: A short review	B. Senthil Rathi, P.Senthil Kumar*	Chemical Engineering	Current Opinion in Green and Sustainable Chemistry	2022	2452-2236	https://www.sciencedirect.com/journal/current-opinion-in-green-and-sustainable-chemistry	https://www.sciencedirect.com/science/article/abs/pii/S245223621001346	Yes

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1274	A recent advancement on nanomaterials for electrochemical sensing of sulfamethoxazole and its futuristic approach	G. Padmalaya, K. Krishna Kumar, P.Senthil Kumar*, BS. Sreeja, Sanchali Bose	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521035876	Yes
1275	Promotion of methane production by magnetite via increasing acetogenesis revealed by metagenome-assembled genomes	Jiafeng Yu#, Jian Liu#, P.Senthil Kumar#, Yunwei Wei, Meng Zhou, Dai-Viet N. Vo, Leilei Xiao*	Chemical Engineering	Bioresource Technology	2022	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852421018630	Yes
1276	Facile route for synthesis of Fe ₀ /Fe ₃ C/g-Fe ₂ O ₃ carbon composite using hydrothermal carbonization of sugarcane bagasse and its use as effective adsorbent for sulfamethoxazole removal	G. Prasannamedha, P.Senthil Kumar*, Vignesh Shankar	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521036882	Yes
1277	A review on recent advances in electrodeionization for various environmental applications	B. Senthil Rathi, P.Senthil Kumar* R. Parthiban	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521036973	Yes
1278	Sustainable strategy on microbial fuel cell to treat the wastewater for the production of green energy	A. Saravanan, P.Senthil Kumar*, S. Srinivasan,	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521037693	Yes

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1279	A comprehensive review on sources, analysis and toxicity of environmental pollutants and its removal methods from water environment	A.Saravanan, P.Senthil Kumar*, R.V. Hemavathy, S. Jeevanantham, P. Harikumar, G. Priyanka, D. Rebekah Angelina Devakirubai	Chemical Engineering	Science of the Total Environment	2022	0048-9697	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S0048969721075343	Yes
1280	Hydrothermal carbonisation of waste sugarcane bagasse for the effective removal of emerging contaminants from aqueous solution	G. Prasannamedha, P.Senthil Kumar*	Chemical Engineering	Adsorption Science & Technology	2022	0263-6174	https://www.hindawi.com/journals/ast/	https://www.hindawi.com/journals/ast/2021/5545683/	Yes
1281	Recycled mesoporous magnetic composites with high surface area derived from plastic and de-oiled sludge wastes: An empirical comparison on their competitive performance for toxic Cr (VI) removal	P.N. Nirenjan Shenoy, N.M. Arjun, P.Senthil Kumar*, A.B. Sree Hari, K. Nithya, P. Asha Sathish	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521038492	Yes
1282	V-Ag doped ZnO nanorod as high-performance electrode material for supercapacitors with enhanced specific capacitance and cycling stability	P. Nethaji, P.Senthil Kumar*	Chemical Engineering	Chemical Engineering Research & Design	2022	0263-8762	https://www.sciencedirect.com/journal/chemical-engineering-research-and-design	https://www.sciencedirect.com/science/article/abs/pii/S0263876221005566	Yes
1283	Degradation of toxic agrochemicals and pharmaceutical pollutants: Effective and alternative approaches toward photocatalysis	A. Saravanan, P.Senthil Kumar*, S. Jeevanantham, M. Anubha, S. Jayashree	Chemical Engineering	Environmental Pollution	2022	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749122000586	Yes

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1284	Bio-derived catalysts for production of biodiesel: A review on feedstock, oil extraction methodologies, reactors and lifecycle assessment of biodiesel	P.R. Yaashikaa, P.Senthil Kumar*, S. Karishma	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122002472	Yes
1285	Analysis and prediction of water quality using deep learning and auto deep learning techniques	D.Venkata Vara Prasad, Lokeswari Y Venkataramana, P.Senthil Kumar*, G. Prasannamedha, S. Harshana, S. Jahnvi Srividya, K. Harrinei, Sravva Indraganti	Chemical Engineering	Science of the Total Environment	2022	0048-9697	https://www.sciencedirect.com/journal/science-of-the-total-environment	https://www.sciencedirect.com/science/article/abs/pii/S004896972200403X	Yes
1286	Carbon nanomaterials and its applications in pharmaceuticals: A brief review	Rajalakshmi Sridharan, B. Monisha, P.Senthil Kumar* K.VeenaGayatahri*	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522002247	Yes
1287	A critical review on the two-stage biohythane production and its viability as a renewable fuel	Sasidhar KB, P.Senthil Kumar*, Leilei Xiao	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122003155	Yes
1288	Electrochemical sensing system for the analysis of emerging contaminants in aquatic environment: A review	R. Sivaranjane, P.Senthil Kumar*, R. Saravanan, M. Govarthanan	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522002727	Yes
1289	Facile preparation and characterization of MXene@Platinum nanocomposite for energy conversion applications	V. Thirumal, R. Yuvakkumar*, P.Senthil Kumar*, G. Ravi, Dhayalan Velauthapillai	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122003581	Yes

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1290	A review on removal strategies of microorganisms from water environment using nanomaterials and their behavioural characteristics	A. Chithra, RajaseetharamaSekar, P.Senthil Kumar*, G. Padmalaya	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653522004088	Yes
1291	Process Amelioration for Production of Biohydrogen using mutated Rhodobacter M 19 and Enterobacter aerogenes co-culture: Influence of Nanoparticles	J.B. Veeramalini, P.Senthil Kumar*, I. Abernaebenezer Selvakumari, P. Sreejith	Chemical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122004239	Yes
1292	A review on bioremediation approach for heavy metal detoxification and accumulation in plants	P. R. Yaashikaa, P.Senthil Kumar*, S. Jeevanantham, R. Saravanan	Chemical Engineering	Environmental Pollution	2022	0269-7491	https://www.sciencedirect.com/journal/environmental-pollution	https://www.sciencedirect.com/science/article/abs/pii/S0269749122002494	Yes
1293	Mycoremediation of lignocellulosic biorefinery sludge: A reinvigorating approach for organic contaminants remediation with simultaneous production of lignocellulolytic enzyme cocktail	Vinoth Kumar Vaidyanathan, Swethaa Venkataraman, P. Senthil Kumar, Devi Sri Rajendran, Kongkona Saikia, Abiram Karanam Rathankumar, Hubert Cabana, Sunita Varjani	Chemical Engineering	Bioresource Technology	2022	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852422003418	Yes
1294	A review on agro-based materials on the separation of environmental pollutants from water system	R. Sivaranjane, P.Senthil Kumar*, S. Mahalaxmi	Chemical Engineering	Chemical Engineering Research & Design	2022	0263-8762	https://www.sciencedirect.com/journal/chemical-engineering-research-and-design	https://www.sciencedirect.com/science/article/abs/pii/S0263876222001654	Yes

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1295	Cleaner production on electrochemical removal of sulphonamide from wastewater using three-dimensional electrode system: characterisation and kinetics	Kirubanandam Grace Pavithra, V. Jaikumar, P. Senthil Kumar, Sundar Rajan P	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1800003	Yes
1296	<u>Enhanced production of hydrocarbons from lignin isolated from sugarcane bagasse using formic acid induced supercritical ethanol liquefaction followed by hydrodeoxygenation</u>	D. Gnana Prakash, K. P. Gopinath, V. Vinatha, S. Shreya, R. Sivaramakrishnan, Nguyen Thuy Lan Chi	Chemical Engineering	Chemosphere,	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521019639	Yes
1297	Extraction methodology of lignin from biomass waste influences the quality of bio-oil obtained by solvothermal depolymerization process	Dhakshinamoorthy Gnana Prakash, Kannappan Panchamoorthy Gopinath, Sevalur Mahendran Prasanth, Sivakumaran Harish, Muthamilselvam Rishikesh, Ramachandran Sivaramakrishnan, Arivalagan Pugazhendhi	Chemical Engineering	Chemosphere,	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521039473	Yes
1298	Oil spill remediation and valorization of oil-soaked peat sorbent to biofuel by hydrothermal liquefaction	Venkataraman Ramachandran, M. K. Shriram, E. Reon Mathew, Kaushik Ramkumar, Dhakshinamoorthy Gnana Prakash, Chitra Devi Venkatachalam	Chemical Engineering	Biomass Conversion and Biorefinery,	2021	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-021-01887-y	Yes
1299	Advances in 3D printing of composite scaffolds for the repairment of bone tissue associated defects	Anandhapadman, A., Venkateswaran, A., Jayaraman, H., Veerabadran Ghone, N.	Chemical Engineering	Biotechnology Progress	2022	8756-7938	https://aiche.onlinelibrary.wiley.com/journal/15206033	https://doi.org/10.1002/btpr.3234	Yes

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1300	Experimental investigation of microwave-assisted regeneration of carbon-rich aqueous solutions	Ambedkar Balraj*, Papitha Palaian Premalalitha, Shree Vidhya Ramamoorthy , Shriram Arumugam Mayilvahanan , Samuel Venkatesan, Logavan Annadurai, Gopinath Subramanian, Vigneswaran Srinivasan, Srinivas	Chemical Engineering	Chemical Engineering & Processing: Process Intensification	2022	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://doi.org/10.1016/j.cep.2022.109000	Yes
1301	Systematic review on sono-assisted CO2 stripping, solvent recovery and energy demand aspects in solvent-based post-combustion carbon dioxide capture process	Ambedkar Balraj*, Arun Prasad Chandra Sekaran, Nagarajan Ramamurthy, RavichandarBabarao, Krishna Kumar Nagarajan, Shriram Arumugam Mavilvahanan.	Chemical Engineering	Chem. Eng. Process. Process Intensification,	2022	0255-2701	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	https://doi.org/10.1016/j.cep.2021.108723	Yes
1302	Understanding the physical and thermodynamic properties of monoethanolamine-ionic liquids for solvent screening in CO2 capture process	Muthumari Perumal, Dhanalakshmi Jayaraman	Chemical Engineering	Asia-Pacific Journal of Chemical Engineering	2022	1932-2135	https://onlinelibrary.wiley.com/journal/19322143	10.1002/apj.2775	Yes
1303	Regeneration of CO2-rich aqueous amine-ionic liquid blends in CO2 capture process	Muthumari Perumal, Dhanalakshmi Jayaraman	Chemical Engineering	Greenhouse Gases Science and Technology	2022	2152-3878	https://onlinelibrary.wiley.com/journal/21523878	10.1002/ghg.2128	Yes
1304	Amine-Ionic Liquid Blends in CO2 Capture Process for Sustainable Energy and Environment	Muthumari Perumal and Dhanalakshmi Jayaraman	Chemical Engineering	Energy & Environment,	2022	0958-305X	https://journals.sagepub.com/home/EAE	10.1177/0958305X211070782	Yes

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1305	Desulfurization of Gasoline Using Deep Eutectic Solvents Based on Tetrabutylammonium Bromide	Vijayalakshmi Gosu, Rohitash Kumar, Anantharaj Ramalingam, U K Arun Kumar, Amit Kumar Kashyap, VerraboinaSubbaramaiah	Chemical Engineering	Journal of Chemical & Engineering	2022	0021-9568	https://pubs.acs.org/toc/jceaax/68/1	https://doi.org/10.1021/acs.jced.2c00172	Yes
1306	Ethylsulphate based ionic liquids for denitification of liquid fuels	M.Parimala, R.Anantharaj	Chemical Engineering	Petroleum Science and Technology.	2022	1532-2459	https://www.tandfonline.com/journals/lpet20	https://doi.org/10.1080/10916466.2021.2008970	Yes
1307	A Comprehensive Review of Effective Adsorbents Used for the Removal of DYES from Wastewater	Dhanya Vishnu; Balaji Dhandapani; Swetha Authilingam, V. Shrivigneshwar.	Chemical Engineering	Current Analytical Chemistry	2022	15734110	https://www.eurkaselect.com/journal/4	https://www.ingentaconnect.com/content/ben/cac/2022/0000018/00000003/article/00004	Yes
1308	Synthesis of tri-metallic surface engineered nanobiochar from cynodondactylon residues in a single step - Batch and column studies for the removal of copper and lead ions	Vishnu, Dhanya, Balaji Dhandapani, G. Vaishnavi, and V. Preethi	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521020440	Yes
1309	A correlation to predict the thermal conductivity of MXene-silicone oil based nano-fluids and data driven modeling using artificial neural networks	Chitra Boobalan, Sathish Kumar Kannaiyan	Chemical Engineering	International Journal of Energy Research	2022	0363-907X	https://onlinelibrary.wiley.com/journal/1099114x	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.7786	Yes
1310	Effective removal of malachite green dye from aqueous solution in hybrid system utilizing agricultural waste as particle electrodes	A Annam Renita, Kilaru Harsha Vardhan, P Senthil Kumar, P Tsopbou Ngueagni, A Abilarasu, Subi Nath, Pallavi Kumari, R Saravanan	Chemical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S004565352100103X	Yes

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1311	Effective removal of naphthalene from contaminated soil using halotolerant bacterial strains and vermiremediation techniques	Reshma Bhandari, Kilaru Harsha Vardhan, P Senthil Kumar, K Veena Gayathri	Chemical Engineering	International Journal of Environmental Analytical Chemistry	2021	0306-7319	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1863390	Yes
1312	A disposable modified screen-printed electrode using egg white/ZnO rice structured composite as practical tool electrochemical sensor for formaldehyde detection and its comparative electrochemical study with Chitosan/ZnO nanocomposite	G Padmalaya, Kilaru Harsha Vardhan, P Senthil Kumar, M Ajmal Ali, Tse-Wei Chen	Chemical Engineering	Chemosphere	2022	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://www.sciencedirect.com/science/article/abs/pii/S0045653521030320	Yes
1313	Intensification of heat transfer rate using alumina-silica nanocoolant	Fedal Castro Nagarajan , SathishKumar Kannaiyan , Chitra Boobalan	Chemical Engineering	International Journal of Heat and Mass Transfer	2020	0017-9310/	www.elsevier.com/locate/hmt	https://doi.org/10.1016/j.jheatmasstransfer.2019.119127	Yes
1314	Mobile application-based computer-aided diagnosis of skin tumours from dermal images	T. R. Thamizhvan, Suganthi Lakshmanan, R. Sivaramakrishnan	Biomedical Engineering	The Imaging Science Journal	2018	1368-2199	https://www.tandfonline.com/journals/yims20	https://doi.org/10.1080/13682199.2018.1492682	
1315	Adsorption Mechanism Of Chitosan, Activated Carbon, And Magnetic Chitosan Activated Carbon Composites On To The DYES With Different Polarities: Adsorbent Optimization Study	VanithaPriya D, Sudersan K, ArunKarthick S, Arumugam P, Pandima Devi MK, Anuradha V, N. Gobi	Biomedical Engineering	International Journal of Current Advanced Research	2018	2319-6505	http://journalijcar.org/	http://dx.doi.org/10.24327/ijcar.2018.14312.2589	
1316	In vitro cytotoxicity of biosynthesized gold nanoparticles from shells of pistaciavera L	Madhumithra S. K., Balashanmugam P., Mosachristas K., Tamil Selvi A., Subashini R	Biomedical Engineering	International Journal of Applied Pharmaceutics	2018	0975-7058	https://journals.innovareacademics.in/index.php/ijap	http://dx.doi.org/10.22159/ijap.2018v10i4.27154	

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1317	Detection of Malarial Parasite from Blood Smear Image	Manasvi, SaiAarthi Ganesh, Sridhar Anjali, KunnavakkamVinjimoorSwetha, KrishnamoorthiNirmala	Biomedical Engineering	Biomedical Letters	2018	2410-955X	http://thesciencepublishers.com/biomed_lett/v5i1.html	http://thesciencepublishers.com/biomed_lett/v4i1abstract4.html	
1318	Extraction Of Chitosan From Crab Shells Using Five Different ChemicalMethods And Its Characterization	VanithaPriya D, Sudersan K, ArunKarthick S, Arumugam P, Gobi N, Siva Shankar. P and Anuradha V	Biomedical Engineering	International Journal of Recent Scientific Research	2018	2277-8179	https://www.worldwidejournals.com/international-journal-of-scientific-research-(IJSR)/	https://www.researchgate.net/publication/327644350_EXTRACTION_OF_CHITOSAN_FROM_CRAB_SHELLS_USING_FIVE_DIFFERENT_CHEMICAL_METHODS_AND_ITS_CHARACTERIZATION	
1319	Stress Analysis of Bioceramic Coated Orthopaedic Implants	Meenachi P, SubashiniR and Suresh Kumar	Biomedical Engineering	Materials Today: Proceedings	2018	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2018.06.021	
1320	A Simple Method to Obtain Basic Acoustic Measures From Video Recordings as Subtitles	Pravin Kumar S, Jan Svec G	Biomedical Engineering	Journal of Speech, Language, and Hearing Research	2018	1092-4388	https://pubs.asha.org/journal/jslhr	https://doi.org/10.1044/2018_jslhr-s-17-0472	
1321	Mechanism of Nanofibres on Removal of Water Pollutants - a review	Devi B, ArunKarthickSelvam, Monnisha G, Gobi N	Biomedical Engineering	Indian Journal of Chemical Technology (IJCT)	2018	0971-457X	https://nopr.niscpr.res.in/handle/123456789/55	http://nopr.niscpr.res.in/handle/123456789/45474	
1322	Visual and Automatic Evaluation of Vocal Fold Mucosal Waves Through Sharpness of Lateral Peaks in High-Speed Videokymographic Images	Pravin Kumar S, KetakiVasantPhadke, JitkaVydrová, Adam Novozámský, AlešŽita, Barbara Zitová, and Jan G. Švec	Biomedical Engineering	Journal of Voice	2018	0892-1997	https://www.sciencedirect.com/journal/journal-of-voice	https://doi.org/10.1016/j.jvoice.2018.08.022	

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1323	Virtual Reality Therapy for Mental Stress Reduction	Eswaran Vishal SudhaBhagavath, Mahesh Veezhinathan, GeethanjaliBalasubramanian, AtulTaneja	Biomedical Engineering	Journal of Clinical & Diagnostic Research	2018	0973-709X	https://www.jcdr.net/	DOI: 10.7860/JCDR/2018/36055	
1324	Silver incorporated Poly Vinylidene Fluoride (PVDF) Nanofibres for Bacterial Filtration	Felix Swamidoss V, Mohan Bangaru, Gobi Nalathambi, DharmalingamSangeetha&Ar unKarthickSelvam	Biomedical Engineering	Aerosol Science and Technology	2018	0278-6826	https://www.tandfonline.com/journals/uast20	https://doi.org/10.1080/02786826.2018.1554892	
1325	Design of Mirror-E Shape Implantable Antenna for Biomedical Applications	MahalakshmiNachiappan, ThenmozhiAlagarsamy, Vijay Jeyakumar	Biomedical Engineering	Journal of Applied Mathematics & Information Sciences	2018	1935-0090	http://dx.doi.org/10.12785/amis	http://dx.doi.org/10.18576/amis/13S103	
1326	Kinematic model for simulating mucosal wave phenomena on vocal folds	S. Pravin Kumar, J. G. Švec	Biomedical Engineering	Biomedical Signal Processing and Control	2019	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control	https://doi.org/10.1016/j.bspc.2018.12.002	
1327	Music-Induced Brain Functional Connectivity Using EEG Sensors: A Study on Indian Music	Geethanjali B, Adalarasu K, Jagannath M, Seshadri N G	Biomedical Engineering	IEEE Sensors Journal	2019	1558-1748	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7361	https://doi.org/10.1109/JSEN.2018.2873402	
1328	Effect of Power and Phase Synchronization in Multi-Trial Speech Imagery	SandhyaChengaiyan, DivyaBalathayil, KavithaAnandan, Christy Bobby Thomas	Biomedical Engineering	International Journal of Software Science and Computational Intelligence	2019	1942-9045	https://www.igi-global.com/journal/international-journal-software-science-computational/1124	10.4018/IJSSCI.2018.100104	
1329	Encrypted separable reversible watermarking with authentication and error correction	Vinoth Kumar C, Natarajan V, Nirmala, K, Balasubramanian, T, Ramnarayanan Rao K, Krishnan S	Biomedical Engineering	Multimedia Tools and Applications	2019	1380-7501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-018-6450-2	

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1330	In vitro evaluation of biodegradable nHAPChitosan-Gelatin-based scaffold for tissueengineering application	Shankar Thariga, RajakannuSubashini, SaravananPavithra, PrabakaranMeenachi, PrasannaKumar, PannerselvamBalashanmugam, PonnusamySenthil Kumar	Biomedical Engineering	IET Nanobiotechnology	2019	1751-875X	https://ietresearch.onlinelibrary.wiley.com/journal/1751875X	https://doi.org/10.1049%2Fiet-nbt.2018.5204	
1331	Design And Analysis Of X-Ma Implantable Antenna For Bio-Medical Applications	N.Mahalakshmi, A.Gobinath, J.Vijay	Biomedical Engineering	International Journal Of Information And Computing Science	2019	0972-1347	https://ijics.com/	https://ijics.com/gallery/63-may-1153.pdf	
1332	An approach for detection of edges in carotid ultrasound images and analysis of intima-media complex using morphological features	SumathiKrishnaswamy, Mahesh Veezhinathan	Biomedical Engineering	Int. J. Biomedical Engineering and Technology	2019	1752-6418	https://www.inderscience.com/jhome.php?icode=ijbet	https://dx.doi.org/10.1504/IJBET.2019.100269	
1333	Analysis of speech imagery using brain connectivity estimators on consonant-vowel-consonant words	Chengaiyan Sandhya &Anandan Kavitha	Biomedical Engineering	International Journal of Biomedical Engineering and Technology	2019	1752-6418	https://www.inderscience.com/jhome.php?icode=ijbet	https://dx.doi.org/10.1504/IJBET.2019.100959	
1334	Detection of Breast Cancer from Thermography Images	Suganthi L, Nirmala K, ShaaluSree B.N, Pavithra S, Yashvantha N	Biomedical Engineering	International Journal of Engineering and Advanced Technology	2019	2249-8958	www.ijeat.org	10.35940/ijeat.F7945.088619	
1335	Preparation and characterization of triple layer membrane for water filtration	Gobi Nallathambi, Devi Baskar, &Arun Karthick Selvam	Biomedical Engineering	Environmental Science and Pollution Research	2019	0944-1344	https://www.springer.com/journal/11356/aims-and-scope	https://doi.org/10.1007/s11356-019-06254-z	
1336	Microstructural characteristics of chitosan deposited AZ91Magnesium alloy	Barani B, Lakshminarayanan AK &Subashini R	Biomedical Engineering	MaterialsToday:Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2019.05.115	

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1337	Synthesis and characterization of chitosan/potato peel powder-based hydrogel and it's in vitro antimicrobial activity	Kulsum Neha, Rajagopal Anitha, RajakannuSubashini, Amirthakadeswaran Natarajan, T. M. Sridhar	Biomedical Engineering	Journal of Applied Pharmaceutical Science	2019	2231-3354	https://iapsonline.com/	10.7324/JAPS.2019.90909	
1338	Identification of vowels in consonant–vowel–consonant words from speech imagery based EEG signals	Sandhya Chengaiyan, AnandhaSreeRetnapandian, &Kavitha Anandan	Biomedical Engineering	Cognitive Neurodynamics	2019	1871-4080	https://www.springer.com/journal/11571	https://doi.org/10.1007/s11571-019-09558-5	
1339	Influence of Primary Auditory Cortex in the Characterization of Autism Spectrum in Young Adults using Brain Connectivity Parameters and Deep Belief Networks: An fMRI study	Vidhusa Srinivasan, Udayakumar N, Kavitha Anandan	Biomedical Engineering	Current Medical Imaging	2019	1573-4056	https://benthamscience.com/journal/33/about-journal	https://doi.org/10.2174/1573405615666191111142039	
1340	Hybrid feature vector based detection of Glaucoma	Nirmala Krishnamoorthi& Vinoth Kumar Chinnababu	Biomedical Engineering	Multimedia Tools and Applications	2019	1380-7501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-019-08249-x	
1341	Layer by layer nanocomposite filter for ABC filtration	Arun Karthick Selvam, Devi Baskar & Gobi Nallathambi	Biomedical Engineering	Chemical Engineering Communication	2019	0098-6445	https://www.tandfonline.com/journals/gcec20	https://doi.org/10.1080/00986445.2019.1705796	
1342	Design of biocompatible implant for the closure of post discectomy void and rent	RathiAdarshi, Kiran Kailash, Sathya Bharathy, Kavitha A, Christy Bobby T, Sudhir G	Biomedical Engineering	Additive Manufacturing Society of India Journal	2019	2395 - 4221	https://www.amsi.org.in/about-amsi-journal.html		
1343	Role of 24 Hr Blood Pressure Variability as a Target Therapeutic Risk Factor for Poor Functional Outcome of Acute Ischemic Stroke	Dinesh Bhatia, S. Bagyaraj, S. Arun Karthick	Biomedical Engineering	Annals of Indian Academy of Neurology	2020	0972-2327	https://journals.lww.com/annalsofneurology/pages/default.aspx	https://journals.lww.com/annalsofneurology/fulltext/2020/23010/role_of_24_hr_blood_pressure_variability_as_a.7.aspx	

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1344	Evaluating the effect of music intervention on hypertension	Vijay Mani Shankar, B Geethanjali, Mahesh Veezhinathan, Jayaram Hariharakrishnan, Nikhil Balakrishnan, L Lakshmi	Biomedical Engineering	Current Science	2020	0011-3891	https://www.currentscience.ac.in/	10.18520/cs/v118/i4/612-620	
1345	In silico and in vitro approaches to evaluate the bioactivity of Cassia auriculata L extracts	Anitha R, Subashini R, & Kumar P S	Biomedical Engineering	IET Nanobiotechnology	2020	1751-875X	https://ietresearch.onlinelibrary.wiley.com/journal/1751875X	https://doi.org/10.1049%2Fiet-nbt.2019.0364	
1346	Enhanced Capture of Particulate Matter by Molecularly Charged Electrospun Nanofibers	Pillalamarri Srikrishnarka, Vishal Kumar, Tripti Ahuja, Vidhya Subramanian, Arun Karthick Selvam, Paulami Bose, Shantha Kumar Jenifer, Ananthu Mahendranath, Mohd Azhar Din Ganayee, Ramamurthy Nagarajan and Thalappil Pradeep	Biomedical Engineering	ACS Sustainable Chemistry & Engineering	2020	2168-0485	https://pubs.acs.org/journal/ascecg	https://doi.org/10.1021/acssuschemeng.9b06853	
1347	Estimation of Affected Airway Attribute Due to Air Pollution Using a Recursive Treebased approach	P.V.Pramila and Mahesh Veezhinathan	Biomedical Engineering	Journal of Green Engineering	2020	1904-4720	http://www.igenng.com/archives-2.php	http://www.igenng.com/wp-content/uploads/2020/08/volume10-issue6-17.pdf	
1348	Assessment of Fetal growth from Ultrasound Images using Images Processing Techniques	Monica R and Nirmala K	Biomedical Engineering	International journal of Advanced Research in Basic Engineering Sciences and Technology	2020	2456-5717	https://ijarbest.com/journal/v6i8	https://ijarbest.com/journal/v6i8/2040	

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1349	Wireless Real-Time Electrogastrography Monitoring System	G Praveen, S Om Prakash, Sangeetha B, Asha R, Suganthi L, Divya, B	Biomedical Engineering	Journal of Computational and Theoretical Nanoscience	2020	1546-1955	https://www.ingentaconnect.com/content/asp/ictn;jsessionid=g3ca2ift5ls1k.x-ic-live-01	https://doi.org/10.1166/jctn.2020.9268	
1350	Chronic Inflammatory-Modulating Potential of Cassia auriculata With Proinflammatory Cytokine IL-1beta and Its Anticancer Effect on Lung Cancer Cell line	Rajagopal Anitha, Rajakannu Subashini, Gomathi Kannayiram and Dasararaju Gayathri	Biomedical Engineering	Anti-Cancer Agents in Medicinal Chemistry	2020	1871-5206	https://www.ncbi.nlm.nih.gov/nlmcatalog?cmd=historysearch&querykey=2	https://doi.org/10.2174/1871520620666200811111114	
1351	Fitting synthetic to clinical kymographic images for deriving kinematic vocal fold parameters: Application to left-right vibratory phase differences	Bulusu, S, S. Pravin Kumar, Jan G. Švec, and Philipp Aichinger	Biomedical Engineering	Biomedical Signal Processing and Control	2020	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control/about/insights	https://doi.org/10.1016/j.bspc.2020.102253	
1352	Brain wave classification for divergent hand movements	Bagyaraj S, Apurva S, Asha R, Sangeetha B and D Vaithyanathan	Biomedical Engineering	Indian Journal of Pure & Applied Physics	2020	0301-1208	https://nopr.niscpr.res.in/handle/123456789/55507	http://nopr.niscpr.res.in/handle/123456789/55507	
1353	Analysis of Motor Action and Motor Imagery Signals for BCI Applications	B.Vivekananthan, R. Nithya, B. Divya	Biomedical Engineering	International Journal of Innovative Research in Applied Sciences and Engineering (IJIRASE)	2020	2456-8910	https://www.ijirase.com/	10.29027/IJIRASE.v4.i2.2020.612-616	
1354	Portable refrigeration system for insulin storage	S. Varsha, B. Harsha, S. Pravin Kumar, A. Kavitha, Shriraam Mahadevan	Biomedical Engineering	Indian Journal of Endocrinology and Metabolism	2020	473-473	http://www.ijem.in	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7810050/	

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1355	Design of compact Implantable Meandered and Sharp Edged Meandered Shaped Antenna for Biomedical Application	Mahalakshmi Nachiappan, Vijay Jeyakumar, TP Anand	Biomedical Engineering	European Journal of Molecular & Clinical Medicine	2020	2515-8260	https://ejmcm.com/	https://docplayer.net/220695145-Design-of-compact-implantable-meandered-and-sharp-edged-meandered-shaped-antenna-for-biomedical-application.html	
1356	Preparation and Characterization of Silver Nanoparticle/Aloe Vera Incorporated PCL/PEO matrix for wound dressing application	Bagyaraj S, Arun Karthick S, Gomathi S, Sandini S, Sowmiya R, Devi B, Vaithyanathan D	Biomedical Engineering	Indian Journal of Biochemistry and Biophysics	2021	0301-1208	https://or.niscpr.res.in/index.php/IJBB	https://scm.niscair.res.in/index.php/IJBB/article/view/2756	
1357	Preparation of PAN/Iycopene-TiO2 nanocomposite membrane for azo dye degradation	Devi Baskar, Gobi Nallathambi, Arun Karthick Selvam, P. Senthil Kumar	Biomedical Engineering	Desalination and Water Treatment	2021	1944-3994	https://www.deswater.com/home.php	doi: 10.5004/dwt.2021.26896	
1358	In vitro degradation, haemolysis and cytotoxicity study of Mg-0.4 Ce/ZnO2 nanocomposites	P. Meenachi, R. Subashini, A.K. Lakshminarayanan, Manoj Gupta	Biomedical Engineering	IET Nanobiotechnology	2021	1751-8741	https://www.ncbi.nlm.nih.gov/nlmcatalog/101303205	https://doi.org/10.1049/nbt2.12032	
1359	Isolation and Purification of Antimicrobial Protein from Cocos nucifera and its Efficacy on Human Pathogens	R. Subashini, R. Anitha, N. Kiruthika, G. Kowsalya, J. Sivadharshini	Biomedical Engineering	Indian Journal of Natural Sciences	2021	0976-0997	https://tnsroindia.org.in/journals.html	www.tnsroindia.org.in ©IJONS	
1360	Non – Clinical Pain Assessment System – A Pilot Study	Chetana Krishnan, Sandhyavarshini. R, Vijay Jeyakumar	Biomedical Engineering	Journal of Physics: Conference Series	2021	1742-6596	https://iopscience.iop.org/journal/1742-6596	doi:10.1088/1742-6596/1917/1/012008	

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1361	An External Aid for Amyotrophic Lateral Sclerosis (ALS) and Drooping Head Syndrome (DHS) Patients	Viswanath Srinivasan, Praveenkumar Govarthan, and Dhanalakshmi Munirathnam	Biomedical Engineering	Journal of Physics: Conference Series	2021	1742-6596	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/1921/1/012004	
1362	Significant sensors and parameters in assessment of dysarthric speech	M. Dhanalakshmi, T. Nagarajan, P. Vijayalakshmi	Biomedical Engineering	Sensor Review	2021	0260-2288	https://www.emerald.com/insight/publication/issn/0260-2288	https://doi.org/10.1108/SR-01-2021-0004	
1363	Diagnosis of retinal disorders from Optical Coherence Tomography images using CNN	Nithya Rajagopalan, Venkateswaran N., Alex Noel Josephraj, Srithaladevi E	Biomedical Engineering	PLOS ONE	2021	1932-6203	https://journals.plos.org/plosone/	https://doi.org/10.1371/journal.pone.0254180	
1364	Hash and Prediction-Error-Based Reversible Watermarking for Medical Images	Nirmala Krishnamoorthi and Vinoth Kumar Chinnababu	Biomedical Engineering	Fluctuation and Noise Letters	2021	0219-4775	https://www.worldscientific.com/worldscinet/fnl	https://doi.org/10.1142/S0219477522500079	
1365	Cassia auriculata and its role in infection/inflammation: A close look on future drug discovery	Anitha Rajagopal and SubashiniRajakannu	Biomedical Engineering	Chemosphere	2021	0045-6535	https://www.sciencedirect.com/journal/chemosphere	https://doi.org/10.1016/j.chemosphere.2021.132345	
1366	Group Leverage Centrality and its Applications in Brain Networks	Amogh Gupta, Harish Balaji, R. Sundareswaran,V. Mahesh, B. Geetanjali	Biomedical Engineering	IOP Conf. Series: Materials Science and Engineering	2021	1757-899X	https://iopscience.iop.org/journal/1757-899X	10.1088/1757-899X/1187/1/012001	
1367	Analysis of Preterm Pregnancies using Empirical Mode Decomposition based Fractal Features	Vardhini P, Punitha N and Ramakrishnan S	Biomedical Engineering	Current Directions in Biomedical Engineering	2021	2364-5504	https://www.degruyter.com/journal/key/cdbme/html	https://doi.org/10.1515/cdbme-2021-2200	
1368	A study on collagen-PVA and chitosan-PVA nanofibrous matrix for wound dressing application	S. Arun Karthick, T.K. Ragavi, K. Naresh, P.S. Rama Sreekanth	Biomedical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings/about/insights	https://doi.org/10.1016/j.matpr.2021.11.421	

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1369	Panoramic tongue imaging and deep convolutional machine learning model for diabetes diagnosis in humans	Saritha Balasubramanian, Vijay Jeyakumar, Deepa S N	Biomedical Engineering	Scientific Reports	2022	2045-2322	https://www.nature.com/srep/	https://doi.org/10.1038/s41598-021-03879-4	
1370	The structural, optical, antimicrobial and anticancer properties of biocompatible astaxanthin coated ZnO and CeO2 nanoparticles	Subramanian Parvathy, Palaniappan Subramanian, Selvam Arun Karthick, Ramasamy Subbaiya	Biomedical Engineering	Materials Letters	2022	0167-577X	https://www.sciencedirect.com/journal/materials-letters	https://doi.org/10.1016/j.matlet.2022.131669	
1371	Cassia auriculata Linn. extracts induce apoptosis and cell cycle arrest of A549 lung cancer cell lines: An in vitro approach	Anitha R, Subashini R	Biomedical Engineering	South African Journal of Botany	2022	0254-6299	https://www.sciencedirect.com/journal/south-african-journal-of-botany	https://doi.org/10.1016/j.sajb.2022.01.020	
1372	EEG based functional brain networks analysis in dyslexic children during arithmetic task	Seshadri, NPG, Geethanjali B, Singh, BK	Biomedical Engineering	Cognitive Neurodynamics	2022	1871-4080	https://www.springer.com/journal/11571/	https://doi.org/10.1007/s11571-021-09769-9	
1373	Evaluation of 3D printed customizable hand orthosis for forearm fractures based on Finite Element Modelling	M Lokesh Kumar, R Dhanush Babu, R Sherwin Robert, Mahesh Veezhinathan	Biomedical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.03.135	
1374	A review of wound dressing materials and its fabrication methods: emphasis on three-dimensional printed dressings	S. Pravin Kumar, YuvasriAsokan, Keerthana Balamurugan, B. Harsha	Biomedical Engineering	Journal of Medical Engineering & Technology	2022	0309-1902	https://www.ncbi.nlm.nih.gov/nlmcatalog/7702125	https://doi.org/10.1080/03091902.2022.2041750	
1375	A hybrid approach for analysis of brain lateralization in autistic children using graph theory techniques and deep belief networks	Vidhusa S., Udhayakumar N, Hualou Liang, Kavitha A	Biomedical Engineering	International Journal of Biomedical Engineering and Technology	2022	1752-6418	https://www.inderscience.com/jhome.php?jcode=ijbet	https://dx.doi.org/10.1504/IJBET.2022.123258	

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1376	Intensity matching through saliency maps for thermal and visible image registration for face detection applications	Palani Thanaraj Krishnan, Parvathavarthini Balasubramanian, Vijay Jeyakumar, Shriraam Mahadevan, Alex Noel Joseph Raj	Biomedical Engineering	The Visual Computer	2022	0178-2789	https://www.springer.com/journal/371	https://doi.org/10.1007/s00371-022-02605-z	
1377	Diabetic Neuropathy Severity Assessment: A Neutrosophic approach	R. Sundareswaran, V. Mahesh, Said Broumi, R. Dhanush Babu, M Vahini	Biomedical Engineering	International Journal of Neutrosophic Science (IJNS)	2022	2692 - 6148	https://sdindex.com/Sourceid/00000317	doi.org/10.54216/IJNS.180424	
1378	Green Synthesis of Copper Nanoparticles Using Withaniasomnifera and Its Antioxidant and Antibacterial Activity	J. Shanmugapriya, C. A. Reshma, V. Srinidhi, K. Harithpriya, K. M. Ramkumar, Dhamodharan Umpathy, Krishnamoorthy Gunasekaran, R. Subashini	Biomedical Engineering	Journal of Nanomaterials	2022	1687-4110	https://www.hindawi.com/journals/jnm/	https://doi.org/10.1155/2022/7967294	
1379	Effect of functional and effective brain connectivity in identifying vowels from articulation imagery procedures	Sandhya Chengaiyan, Kavitha Anandan	Biomedical Engineering	Cognitive Processing	2022	1612-4782	https://link.springer.com/journal/10339	https://link.springer.com/article/10.1007/s10339-022-01103-3	
1380	Simulated Laryngeal High-Speed Videos for the Study of Normal and Dysphonic Vocal Fold Vibration	Philipp Aichinger, S. Pravin Kumar, Hugo Lehoux, Jan G. Švec	Biomedical Engineering	Journal of Speech Language and Hearing Research	2022	1558-9102	https://pubs.asha.org/journal/jslhr	https://pubs.asha.org/doi/10.1044/2022_JSLHR-21-00673?url_ver=Z39.88-2003&rft_id=ori:rid:crossref.org&rft_dat=cr_pub%20%20pubmed	
1381	A survey on connected healthcare beyond COVID in India: clinical perspectives	Kumar S. P, Anandan K, Balathay D, Vishnu Kumar S, Bhattacharjee B, Ravichandran S	Biomedical Engineering	Journal of Medical Engineering & Technology	2022	0309-1902	https://www.tandfonline.com/action/journalInformation?journalCode=ijmt20	https://doi.org/10.1080/03091902.2022.2098397	

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1382	Testing and analysis of nanoparticles-based textrodes for physiological signals	J. Arthika, Vijay Jeyakumar, J. Ajitha, S. Jayasri	Biomedical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings/about/insights	https://doi.org/10.1016/j.matpr.2022.06.116	
1383	Detection of Anaemia using Image Processing Techniques from microscopy blood smear images	R. Nithya, K. Nirmala	Biomedical Engineering	Journal of Physics: Conference Series	2022	1742-6588	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/2318/1/012043	
1384	Transfer learning approaches in deep learning for Indian sign language classification	Abraham Tuhina Sheryl, SP Sachin Raj, A. Yaamini, B. Divya	Biomedical Engineering	Journal of Physics: Conference Series	2022	1742-6588	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/2318/1/012041	
1385	A resistive force correlated electromyogram feature selection method for muscle strength prediction	S. Saranya, S.Poonguzhali	Biomedical Engineering	Biomedical Signal Processing and Control	2022	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control/about/insights	10.1016/j.bspc.2022.104174	
1386	Design of Transfemoral prosthesis for above the knee amputees	Sreya Reddy, Dhanalakshmi M	Biomedical Engineering	Journal of Physics: Conference Series	2022	1742-6588	https://iopscience.iop.org/journal/1742-6596	doi:10.1088/1742-6596/2318/1/012032	

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1387	Hospital Selection Process based on Graph Theory	R. Dhanush Babu,M. Vahini, S. Shakti Varsha,R. Sundareswaran, M. Shanmugapriya and Mahesh Veezhinathan	Biomedical Engineering	Indian Journal of Natural Sciences	2022	0976 – 0997	https://tnsroindia.org.in/journals.html	https://www.researchgate.net/profile/R-Dhanush-Babu/publication/362776009_Hospital_Selection_Process_based_on_Graph_Theory/links/62fe4df6eb7b135a0e43a1fb/Hospital-Selection-Process-based-on-Graph-Theory.pdf	
1388	A review on fabrication of 3D printed biomaterials using optical methodologies for tissue engineering applications	Pauline John, Antony IR, Whenish R, Jinoop AN	Biomedical Engineering	Journal of Engineering in Medicine	2022	2041-3033	https://journals.sagepub.com/home/PIH	doi:10.1177/09544119221122856	
1389	Efficient Cardiac Arrhythmia Detection Using Machine Learning, Algorithms	R AnandhaPraba, L Suganthi, E S Selva Priya, J JeslinLibisha	Biomedical Engineering	Journal of Physics: Conference Series	2022	1742-6588	https://iopscience.iop.org/journal/1742-6596	10.1088/1742-6596/2318/1/012011	
1390	Certain investigations on prediction of dissected aorta using computational fluid dynamic analysis	K Pradeep, S Sriram, Vijay Jeyakumar, S A Priyanka	Biomedical Engineering	AIP Conference Proceedings	2022	0094-243X	https://pubs.aip.org/aip/acp/issue/2519/1	https://doi.org/10.1063/5.0109746	
1391	Design and Development of a 3D Printable Neck Brace - A Finite Element Approach	R Dhanush Babu, Mahesh Veezhinathan, S Siva Adithya, Nandhini Jagadeesan	Biomedical Engineering	Journal of Clinical and Diagnostic Research	2022	0973-709X	https://www.icdr.net/	10.7860/JCDR/2022/57066.16975	
1392	Real-Time Eye Tracking Using Heat Maps	Chetana Krishnan, Vijay Jeyakumar, Alex Noel Joseph Raj	Biomedical Engineering	Malaysian Journal of Computer Science	2022	0127-9084	https://ejournal.um.edu.my/index.php/MJCS/index	https://doi.org/10.22452/mjcs.vol35no4.3	
1393	CNN based Detection and Segmentation of Lung Tumor from 3D CT Image	Nirmala Krishnamoorthi, Sowmiya E C, Vinothkumar C	Biomedical Engineering	Neuroquantology	2022	1303 5150	https://www.neuroquantology.com/	10.14704/NQ.2022.20.7.NQ33490	

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1394	A Comprehensive Review of Self-Healing Polymer, Metal, and Ceramic Matrix Composites and Their Modeling Aspects for Aerospace Applications	Sri Ram Murthy Paladugu, P. S. Rama Sreekanth, Santosh Kumar Sahu, K. Naresh, S. Arun Karthick, N. Venkateshwaran, Monsuru Ramoni, Rhoda Afriyie Mensah, Oisik Das Ragavanantham Shanmugam	Biomedical Engineering	Materials	2022	1996-1944	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma15238521	
1395	Assessment and Evaluation of Diabetic Foot using Biothesiometry and Artificial Neural Networks	R Sundareswaran, Mahesh Veezhinathan, M Shanmugapriya, R Dhanush Babu	Biomedical Engineering	Journal of Clinical and Diagnostic Research	2022	0973-709X	https://www.icdr.net/	10.7860/JCDR/2022/56348.17168	
1396	Composite blades for lower extremity amputees	Srinivasan, Viswanath, Praveen Kumar Govarthan, S. Om Prakash, Dhanalakshmi Munirathinam	Biomedical Engineering	IOP Conference Series: Materials Science and Engineering	2022	1757-8981	https://iopscience.iop.org/journal/1757-899X	10.1088/1757-899X/1258/1/012044	
1397	Generation of Pulse Sequence Using EMG Signals for Application in Transfemoral Prosthesis	R Dhanush Babu, Mahesh Veezhinathan, Dhanalakshmi Munirathnam, V Aishwarya	Biomedical Engineering	IOP Conf. Series: Materials Science and Engineering	2022	1757-8981	https://iopscience.iop.org/journal/1757-899X	10.1088/1757-899X/1272/1/012013	
1398	EEG-based classification of children with learning disabilities using shallow and deep neural networks	Seshadri N G, Agrawal S, Singh BK, Geethanjali B, Mahesh V, Pachori R B	Biomedical Engineering	Biomedical Signal Processing and Control	2023	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control/about/insights	https://doi.org/10.1016/j.bspc.2022.104553	
1399	Biocompatible and Bioactive PVA/Sericin/Chitosan Nanofibrous Wound Dressing Matrix	S. Arun Karthick, K. Manjari, M. Gundhavi Devi	Biomedical Engineering	Applied Surface Science Advances	2023	2666-5239	https://www.sciencedirect.com/journal/applied-surface-science-advances/vol/13/suppl/C	https://doi.org/10.1016/j.apsadv.2022.100362	

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1400	Brain connectivity dynamics during listening to music and potential impact on task performance	Balasubramanian Geethanjali, AdalarasuKanagasabai, Mahesh Veezhinathan, Jagannath Mohan	Biomedical Engineering	Cognitive Neurodynamics	2023	1871-4080	https://www.springer.com/journal/11571	https://doi.org/10.1007/s11571-023-09948-w	
1401	Optimization of preprocessing routines in speech imagery based EEG signals	Anandha S R, Kavitha A, Divya B	Biomedical Engineering	Journal of Mechanics in Medicine and Biology	2023	0219-5194	https://www.worldscientific.com/worldscinet/jmmb	https://doi.org/10.1142/S0219519423400328	
1402	In vitro biological assessment of green synthesized iron oxide nanoparticles using Anastatica hierochuntica (Rose of Jericho)	Vahini M, Rakesh SS, Subashini R, Loganathan S, Prakash DG	Biomedical Engineering	Biomass Conversion and Biorefinery	2023	2190-6815	https://www.springer.com/journal/13399	https://doi.org/10.1007/s13399-023-04018-x	
1403	Quantitative signatures of brain cognition in young children using task-based eeg signals	Divya B, Anandha Sree R, Kavitha A	Biomedical Engineering	Journal of Mechanics in Medicine and Biology	2023	0219-5194	https://www.worldscientific.com/worldscinet/jmmb	https://doi.org/10.1142/S0219519423400328	
1404	Quantitative assessment of cognitive profile and brain asymmetry in the characterization of autism spectrum in children: A task-based EEG study	Balathay D, Narasimhan U, Belo D, Anandan K	Biomedical Engineering	Journal of Engineering in Medicine	2023	0954-4119	https://journals.sagepub.com/home/PIH	10.1177/09544119231170683	
1405	Comparative study of the biocompatibility and corrosion behaviour of pure Mg, Mg Ni/Ti, and Mg 0.4Ce/ZnO2 nanocomposites for orthopaedic implant applications	Meenachi P, Subashini R, Lakshminarayanan AK, Gupta M	Biomedical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://doi.org/10.1088/2053-1591/acd0a4	

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1406	Classification of low-functioning and high-functioning autism using task-based EEG signals	Divya B, Udayakumar N, Yuvaraj R, KavithaA	Biomedical Engineering	Biomedical Signal Processing and Control	2023	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control/about/insights	doi.org/10.1016/j.bspc.2023.105074	
1407	Convolutional neural network for voice disorders classification using kymograms	S. Pravin Kumar, Nanthini Narayanan, Janaki Ramachandran, BhavadharaniThangavel	Biomedical Engineering	Biomedical Signal Processing and Control	2023	1746-8094	https://www.sciencedirect.com/journal/biomedical-signal-processing-and-control/about/insights	https://doi.org/10.1016/j.bspc.2023.105159	
1408	Calotropis procera flower extract for the synthesis of double edged octahedral α -Fe ₂ O ₃ nanoparticles via a greener approach: an insight into its structure property relationship for Escherichia coli	Murugan K, Subashini R,Sathiskumar U, Odukkathil G	Biomedical Engineering	New Journal of Chemistry	2023	1144-0546	https://pubs.rsc.org/en/journals/journalissues/nj#!recentarticles&adv	10.1039/d3nj01044a	
1409	Dual fuel combustion of 1-hexanol with diesel and biodiesel fuels in a diesel engine: An experimental investigation and multi criteria optimization using artificial neural network and TOPSIS algorithm	T. Anandavelu, Sundararajan Rajkumar, Vinoth Thangarasu	Mechanical Engineering	Fuel	2023	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236122041424	Yes
1410	A review of comparison between the traditional catalyst and zeolite catalyst for ammonia-selective catalytic reduction of NO _x ,	M Sunil Kumar, MS Alphin, S Manigandan, S Vignesh, S Vigneshwaran, T Subash	Mechanical Engineering	Fuel	2023	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S001623612300738X	Yes

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1411	A review on zeolite catalyst for deNOx performance in ammonia–selective catalytic reduction	M. Sunil Kumar, M.S. Alphin, P. Senthil Kumar, S. Raja	Mechanical Engineering	Fuel	2023	0016-2361	https://www.sciencedirect.com/journal/fuel		Yes
1412	Mechanical, Vibration and Visco-Elastic Behavior of Abelmoschus Esculentus Fiber Reinforced Epoxy Composite	B RAJESH KUMAR, M S ALPHIN, V SANTHANAM, V PALANIKUMAR	Mechanical Engineering	Materiale Plastice (Mater. Plast.)	2023	0025-5289	https://revmaterialeplastice.ro/	https://doi.org/10.37358/MP.22.4.5626	Yes
1413	Material flow and mechanical properties of friction stir welded AA 5052-H32 and AA6061-T6 alloys with Sc interlayer	Dr. K. Jayakumar and Dr. S. Balamurugan	Mechanical Engineering	Materials Testing	2023	0025-5300	https://www.degruyter.com/journal/key/mt/html	https://doi.org/10.1515/mt-2022-0352	Yes
1414	Unravelling the effect of CO2 laser machining parameters on the surface and shape memory characteristics of CuAlFeMn quaternary shape memory alloy	S. Santosh, S. Srivatsan, R. Vignesh Pandian	Mechanical Engineering	Optics and Laser Technology	2023	0030-3992	https://www.sciencedirect.com/journal/optics-and-laser-technology	https://www.sciencedirect.com/science/article/pii/S0030399223001998	Yes
1415	Investigation of the mechanical behaviour of hybrid fiber reinforced composite with aluminium laminates	Ramesh R, Nalla Mohamed M	Mechanical Engineering	Physica Scripta	2023	0031-8949	https://iopscience.iop.org/journal/1402-4896	https://iopscience.iop.org/article/10.1088/1402-4896/aca69	Yes
1416	A critical review of the correlative effect of process parameters on pyrolysis of plastic wastes	M Vaishnavi, P.M. Vasanth, S. Rajkumar,* , K.P Gopinath and Y. Devarajan	Mechanical Engineering	Journal of Analytical and Applied Pyrolysis	2023	0165-2370	https://www.sciencedirect.com/journal/journal-of-analytical-and-applied-pyrolysis	https://www.sciencedirect.com/science/article/abs/pii/S0165237023000517	Yes

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1417	Optimization of wear studies on laser cladded AZ61 magnesium alloy with nano-titanium dioxide using grey relational analysis	S.Sundaraselvan, N.Senthilkumar, K.Rajkumar, T. Balamurugan	Mechanical Engineering	Surface Review and Letters	2023	0218-625X	https://www.worldscientific.com/worldscinet/srl	https://www.worldscientific.com/doi/10.1142/S0218625X23500191	Yes
1418	Investigation of mechanical, metallurgical and corrosion characteristics of friction stir welded dissimilar AA 5052-H32 and AA 6061-T6 joints	Dr. S. Balamurugan, Dr. K. Jayakumar & Dr. C. Nandakumar	Mechanical Engineering	Journal of the Chinese Institute of Engineers	2023	0253-3839	https://www.tandfonline.com/journals/tcie20	https://doi.org/10.1080/02533839.2023.227875	Yes
1419	Manufacturing and characterisation of magnesium composites reinforced by nanoparticles: a review	Monish P, Hari Krishna KL , Rajkumar K	Mechanical Engineering	Materials Science and Technology	2023	0267-0836	https://www.tandfonline.com/journals/ymst20	https://www.tandfonline.com/doi/abs/10.1080/02670836.2023.2194745?journalCode=ymst20	Yes
1420	Friction deposition additive manufacturing of alloy 718: Effect of post-heat treatment on microstructures and mechanical properties	Cyril Joseph Daniel Santiago, Damodaram Ramachandran, Manogna Karthik Gangaraju, Koteswara Rao Sajja Rama	Mechanical Engineering	The International Journal of Advanced Manufacturing Technology	2023	0268-3768	https://link.springer.com/journal/170	https://doi.org/10.1007/s00170-023-12141-2	Yes
1421	Techno-economic review assessment of hydrogen utilization in processing the natural gas and biofuels	Deepak Narayanan R, Vinithkrishna N, S Rajkumar, J Thangaraja, Sivagaminathan M, Y Devarajan, Edwin Geo	Mechanical Engineering	International Journal of Hydrogen Energy	2023	0360-3199	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319922042409	Yes
1422	A Techno-Economic Assessment of Waste Oil Biodiesel Blends for Automotive Applications in Urban Areas: Case of India	T. Jeyaseelan, T.E. Samad, S. Rajkumar, A. Chatterjee and J. Al-Zaili	Mechanical Engineering	Energy	2023	0360-5442	https://www.sciencedirect.com/journal/energy	https://www.sciencedirect.com/science/article/pii/S0360544223004152	Yes

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1423	Performance studies on a water chiller equipped with natural fiber cooling pad based evaporative condenser	V Naveenprabhu, M Suresh	Mechanical Engineering	Industrial Crops & Products	2023	0926-6690	https://www.sciencedirect.com/journal/industrial-crops-and-products	https://doi.org/10.1016/j.indcrop.2023.116923	Yes
1424	Mechanical testing and characterization of tin–zinc–antimony–lanthanum lead-free solders produced using mechanical alloying and furnace melting techniques	Arthur Jebastine Sunderraj, D. Ananthapadmanaban, Arun Vasantha Geethan	Mechanical Engineering	Soldering and Surface Mount Technology	2023	0954-0911	https://www.emerald.com/insight/publication/issn/0954-0911	https://www.emerald.com/insight/content/doi/10.1108/SSMT-03-2022-0018/full/html	Yes
1425	Structural and mechanical properties of NiTiAg shape memory alloys: ab-initio study	G Sudha Priyanga, S Santosh and Manoj N Mattur	Mechanical Engineering	Modelling and Simulation in Materials Science and Engineering	2023	0965-0393	https://iopscience.iop.org/journal/0965-0393	https://iopscience.iop.org/article/10.1088/1361-651X/acde94/meta	Yes
1426	A user-centric assessment of solar-photovoltaic-home-lighting systems in rural parts of Assam, India	Brajesh Dhiman, Divya Zindani, Deb Kumar Chakrabarti, Gurdeep Singh	Mechanical Engineering	Energy for Sustainable Development	2023	0973-0826	https://www.sciencedirect.com/journal/energy-for-sustainable-development	https://doi.org/10.1016/j.esd.2023.101290	Yes
1427	Performance assessment of annular fins and cellulose cooling pad on heat transfer enhancement of evaporative heat exchangers using volumetric heat and mass transfer coefficients	V. Naveenprabhu, M. Suresh	Mechanical Engineering	Numerical Heat Transfer, Part A: Applications	2023	1040-7782	https://www.tandfonline.com/journals/unht20	https://www.tandfonline.com/doi/abs/10.1080/10407782.2022.2101802	Yes
1428	Fiber laser cutting study on ternary NiTiV shape memory alloy	A. Arun, K. Rajkumar, S. Santosh	Mechanical Engineering	Materials and Manufacturing Processes	2023	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2023.2195920	Yes

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1429	Enhancement of grinding performances using fabricated pore aligned grinding wheels with PCAGRA	Hepsi Beaula M J, K. Jayakumar	Mechanical Engineering	Materials and Manufacturing Processes	2023	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2022.2089890?journalCode=lmmp20	Yes
1430	A review on performance evaluation of liquid nitrogen as coolant in turning Ti-6Al-4V alloy	M. Dhananchezian	Mechanical Engineering	Machining Science and Technology – An International Journal	2023	1091-0344	https://www.tandfonline.com/journals/lmst20	https://www.tandfonline.com/doi/abs/10.1080/10910344.2023.2180749	Yes
1431	Neural intelligence and regression analysis in modeling and optimization of flank wear during turning of Monel K500	Krishna, N.M., Selvaraj, M., Kulandaivel, A., Kumar, S.L	Mechanical Engineering	Journal of Ceramic Processing Research	2023	1229-9162	https://www.kci.go.kr/kciportal/po/search/poCitaView.kci?serelId=001111	https://www.kci.go.kr/kciportal/ci/sereArticleSearch/ciSereArticleSearchBean.artId=ART002891640	Yes
1432	Environment-Induced Degradation of Shape Memory Alloys: Role of Alloying and Nature of Environment	S. Santosh , W. B. Jefrin Harris and T. S. Srivatsan	Mechanical Engineering	materials	2023	1369-7021	https://www.mdpi.com/journal/materials	https://doi.org/10.3390/ma16165660	Yes
1433	Mechanical and corrosion characteristics of micro-arc oxidized magnesium alloy (ZE41) friction stir welds in modified SBF	N Sivashanmugam , KL Harikrishna , S R Koteswara Rao , S J Samuel Justin and P Wilson	Mechanical Engineering	Physica Scripta	2023	1402-4896	https://iopscience.iop.org/journal/1402-4896	https://iopscience.iop.org/article/10.1088/1402-4896/acf350/meta#:~:text=The%20results%20revealed%20that%20MAO,to%20delay%20the%20surface%20degradation	Yes

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1434	Enhancement of machining and surface quality of quaternary alloyed NiTiCuZr shape memory alloy through ultrasonic vibration coupled WEDM	C Balasubramaniyan, K Rajkumar, S Santosh	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2023	1464-4207	https://journals.sagepub.com/home/PIL	https://journals.sagepub.com/doi/abs/10.1177/14644207211058297	Yes
1435	Unravelling the microstructure – indentation creep resistance relationships for friction stir welded modified 9Cr-1Mo steel and LN-type 316 stainless-steel dissimilar joints	Venkata krishna, A., Lakshminarayanan, A.K., Vasantharaja, P., Vasudevan, M.,	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications.	2023	1464-4207	https://journals.sagepub.com/home/PIL	https://journals.sagepub.com/doi/abs/10.1177/14644207221148658	Yes
1436	Effect of crack and vibration of waste tyre rubber hybrid composite for energy absorption applications.	Sermaraj M, Ramanathan K, Alphin MS	Mechanical Engineering	Progress in Rubber, Plastics and Recycling Technology.	2023	1477-7606	https://journals.sagepub.com/home/PRP	https://journals.sagepub.com/doi/abs/10.1177/14777606231152508	Yes
1437	Investigate the effect of ground tyre rubber as a reinforcement filler in natural rubber hybrid composites	P. Kaliyappan, M. Dhananchezian	Mechanical Engineering	Soft Materials	2023	1539-445X	https://www.tandfonline.com/journals/lsfm20	https://www.tandfonline.com/doi/abs/10.1080/1539445X.2023.2169459?journalCode=lsfm20#:~:text=In%20the%20NR%2FCR%20compound,of%20GTR%20over%20control%20sample.	Yes
1438	Experimental and numerical investigations on the influence of phase change materials on heat transfer reduction across the roof of a building	Venkatesh G, Sundararajan Rajkumar, Geetha N.B.	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2023	1556-7230	https://www.tandfonline.com/journals/ueso20	https://doi.org/10.1080/15567036.2023.2246921	Yes

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1439	Performance analysis and optimization of square tubes with different shapes, sizes, and patterns of holes under axial compression loading	Nalla Mohamed.M	Mechanical Engineering	INTERNATIONAL JOURNAL OF CRASHWORTHINESS	2023	1573-8965	https://www.tandfonline.com/journals/tcrs20	https://doi.org/10.1080/13588265.2023.2230644	Yes
1440	Process parameters for optimization in abrasive water jet machining (AWJM) of silicon-filled epoxy glass fibre polymer composites	A. Arun, K. Rajkumar, K. Vishal	Mechanical Engineering	Journal of Inorganic and Organometallic Polymers and Materials	2023	1574-1443	https://www.springer.com/journal/10904	https://link.springer.com/article/10.1007/s10904-023-02593-0	Yes
1441	INFLUENCE OF BUILD AXIS AND ANGLE ON PROPERTIES OF 3D PRINTED PLA	Anand Ronald. B, Mohammed Riaz Khan K N, Kishore G, Lokesh V, Mullaivananathan RK	Mechanical Engineering	Materials and Technology	2023	1580-2949	https://mater-tehnol.si/index.php/MatTech	https://doi.org/10.17222/mit.2023.900	Yes
1442	Stress Corrosion Cracking Susceptibility of 316LN Grade Stainless Steel Weld Joint in Boiling Magnesium Chloride Hexahydrate Environment,	Rajasekaran, R., Lakshminarayanan, A.K., Vasudevan, M., Raja, P.V.	Mechanical Engineering	Metals and Materials International	2023	1598-9623	https://www.springer.com/journal/12540	https://link.springer.com/article/10.1007/s12540-021-01162-9	Yes
1443	Corrosion, mechanical and microstructural properties of aluminum 7075–carbon nanotube nanocomposites for robots in corrosive environments	Arun David, Satheesh Kumar Gopal, Poovazhagan Lakshmanan, and Amith Sukumaran Chenbagam	Mechanical Engineering	International Journal of Minerals , Metallurgy and Materials, Springer	2023	1674-4799	https://www.springer.com/journal/12613	https://link.springer.com/article/10.1007/s12613-022-2592-3	Yes
1444	Development of Alumina-Titania Composite Layers on Stainless Steel through the Detonation Spray Method and Investigation of Salt Spray Corrosion Behavior along with Surface Examination	A. Surya, R. Prakash, P. Senthil Kumar, G. Bharath Balji	Mechanical Engineering	International Journal of Chemical Engineering	2023	1687-8078	https://www.hindawi.com/journals/iice/	https://doi.org/10.1155/2023/1445360	Yes

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1445	Investigating the Microstructure, Tensile Strength, and Acidic Corrosion Behaviour of Liquid Metal Stir Casted AluminiumSilicon Carbide Composite	S. Prathap Singh,D. Ananthapadmanaban,D. Elil Raja , Tushar Sonar , Mikhail Ivanov , P. Prabhuraj, and V. Sivamaran	Mechanical Engineering	Advances in Materials Science and Engineering	2023	1687-8434	https://www.hindawi.com/journals/amse/	https://www.hindawi.com/journals/amse/2023/2131077/	Yes
1446	Optimization of GTAW Process Parameters of Dissimilar Al-Mg Alloys For Enhanced Joint Strength – Taguchi Approach	D. Antony prabu, K. S. Jayakumar, E. Madhavan Pillai, G. Kumaresan	Mechanical Engineering	Arch. Metall. Mater	2023	1733-3490	https://journals.pan.pl/amm	https://journals.pan.pl/dlibra/show-content?id=127397	Yes
1447	Investigations on Integrated funnel, Fan and Diffuser Augmented Unique Wind Turbine to Enhance the Wind Speed	Ramesh Kumar K, Selvaraj M	Mechanical Engineering	Journal of Applied Fluid Mechanics	2023	1735-3572	https://www.jafmonline.net/	https://www.jafmonline.net/article_2166.html	Yes
1448	Novel Deep Learning Model for Predicting Wind Velocity and Power Estimation in Advanced INVELOX Wind Turbines	Ramesh Kumar K, Selvaraj M	Mechanical Engineering	Journal of Applied Fluid Mechanics	2023	1735-3645	https://www.jafmonline.net/	https://www.jafmonline.net/article_2221.html	Yes
1449	Investigations on Integrated funnel, Fan and Diffuser Augmented Unique Wind Turbine to Enhance the Wind Speed	Ramesh Kumar K, Selvaraj M	Mechanical Engineering	Journal of Applied Fluid Mechanics	2023	1735-3645	https://www.jafmonline.net/	https://www.jafmonline.net/article_2166.html	Yes
1450	Recent Developments in Design and Operations of Solar dryer	S Harini , V S Kavya , A S Ramana	Mechanical Engineering	IOP Conf. Series: Earth and Environmental Science	2023	1755-1307	https://iopscience.iop.org/journal/1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/1100/1/012007	Yes

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1451	Assessment of Johnson-Cook material constitutive parameters in finite element simulation of machining Al–SiC metal matrix composite	K Gobivel and KS Vijay Sekar	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2023	1806-3691	https://link.springer.com/journal/40430	https://doi.org/10.1007/s40430-023-04494-2	Yes
1452	Experimental investigation of TBC coated piston with various blends of biodiesel	C. Karthikeyan, KL. Harikrishna, N. Nallusamy	Mechanical Engineering	Environmental progress & sustainable energy	2023	1944-7450	https://aiche.onlinelibrary.wiley.com/journal/19447450	https://doi.org/10.1002/ep.14065	Yes
1453	Parametric Studies on a Two-Stage Evaporative Cooler During Tropical Climates in India	T Usharani, M Suresh	Mechanical Engineering	Journal of Thermal Science and Engineering Applications	2023	1948-5093	https://asmedigitalcollection.asme.org/thermalscienceapplication	https://asmedigitalcollection.asme.org/thermalscienceapplication/article/15/7/071001/1160236/Parametric-Studies-on-a-Two-Stage-Evaporative	Yes
1454	Optimization of pulsed tungsten inert gas welding parameters to join ZM21 and AZ31 magnesium alloy using Taguchi method	S. Prasath, S. Vijayan, D. Elil Raja, Tushar Sonar & Mikhail Ivanov	Mechanical Engineering	International Journal on Interactive Design and Manufacturing	2023	1955-2513	https://www.springer.com/journal/12008	https://link.springer.com/article/10.1007/s12008-023-01416-3	Yes
1455	Harnessing friction stir back extrusion process to fabricate microtubes from as-cast Mg-4Zn-0.7Zr-1.6RE magnesium alloy	Lakshminarayanan,A.K., Ramachandran, S., Bakkiyaraj, M., Rajabharathi, B.	Mechanical Engineering	Surface Topography: Metrology and Properties	2023	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac5ae4	Yes
1456	Examining the surface roughness and kerf quality of micro-slots cut on the surfaces of Ti-B4C nanocomposites by WEDM: a desirability approach	Vijaya Raja Ragavan G, Poovazhagan Lakshmanan, and Mariyappan Mahalingam	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/acadd2	Yes

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1457	Influence of pulsed TIG welding process parameters on the mechanical characteristics of AA5083 with AA6082 weldments	Ramarajan A, K. Jayakumar	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/acb682	Yes
1458	On the mechanical, microstructural, and corrosion properties of pulsed gas tungsten arc and friction stir welded RZ5 rare earth grade magnesium alloy	R Sasi Lakshmikanth and AK Lakshminarayanan	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aca6c7	Yes
1459	Friction stir lap joining techniques effects on microstructure and tensile properties of high-strength automotive steel top hat sections,	V. Abhilash and AK. Lakshminarayanan	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/acb63e	Yes
1460	Examining the surface roughness and kerf quality of micro-slots cut on the surfaces of Ti-B4C nanocomposites by WEDM: a desirability approach	Vijaya Raja Ragavan G, Poovazhagan Lakshmanan, Mariyappan Mahalingam	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/acadd2	Yes
1461	Friction stir lap joining techniques effects on microstructure and tensile properties of high-strength automotive steel top hat sections	V Abhilash and A K Lakshminarayanan	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/acb63e	Yes

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1462	Comparative study of the biocompatibility and corrosion behaviour of pure Mg, Mg Ni/Ti, and Mg 0.4Ce/ZnO ₂ nanocomposites for orthopaedic implant applications	Meenachi, Subashini R, Lakshminarayanan A K and Manoj Gupta	Mechanical Engineering	Materials Research Express	2023	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/acd0a4	Yes
1463	An Overview on Synthesis, Processing and Applications of Nickel Aluminides: From Fundamentals to Current Prospects	Santosh Sampath, Vignesh Pandian Ravi and Srivatsan Sundararajan	Mechanical Engineering	Crystals	2023	2073-4352	https://www.mdpi.com/journal/crystals	https://www.mdpi.com/2073-4352/13/3/435	Yes
1464	High-velocity projectile impact behaviour of friction stir welded AA7075 thick plates	R. Praveen, S.R. Koteswara Rao, G. Selvakumar, R. Damodaram	Mechanical Engineering	Defence Technology	2023	2096-3459	https://www.sciencedirect.com/journal/defence-technology	https://www.sciencedirect.com/science/article/pii/S2214914723000272	Yes
1465	Agro-waste-based polymeric composite laminates for aerospace cabin interior and identification of their optimal configuration	Santosh Kumar, Abir Saha, Divya Zindani	Mechanical Engineering	Biomass Conversion and Biorefinery	2023	2190-6823	https://link.springer.com/journal/13399	https://doi.org/10.1007/s13399-023-04914-2	Yes
1466	A comprehensive review on synergistic and individual effects of erosion–corrosion in ferrous piping materials	Annamalai Sekar , Anand Ronald Bennet	Mechanical Engineering	Corrosion Reviews	2023	2191-0316	https://www.degruyter.com/journal/key/corrrev/html	https://doi.org/10.1515/corrrev-2022-0063	Yes
1467	Fiber Laser Cutting of Cu–Zr Added Quaternary NiTi Shape Memory Alloy: Experimental Investigation and Optimization	C. Balasubramaniyan, K. Rajkumar & S. Santosh	Mechanical Engineering	Arabian Journal for Science and Engineering	2023	2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-022-07256-9	Yes

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1468	Analytical and Experimental Comparison of the Composite Space Truss with Plain and Profiled Decking Sheets Employing Headed-Stud and Channel-Stud Shear Connector	P. Naveenkumar,R. Prakash, P. Sangeetha	Mechanical Engineering	Arabian Journal for Science and Engineering	2023	2193-567X	https://www.springer.com/journal/13369		Yes
1469	Vibrational Study on Effect of Iron Particle Blend Elastomers Layer in Epoxy/Glass Fibre Composite	Selvaraj M	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2023	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-19-3895-5_8	Yes
1470	Regression Model for Prediction of Heat Generation and Peak Temperature During Friction Stir Welding of Steel	Selvaraj M	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2023	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-19-3895-5_14	Yes
1471	Influence of Linear and Stepped Variation in Wall Thickness on the Energy Absorption Efficiency of Square Tubes Under Axial Compression	M.Nalla Mohamed	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2023	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-19-3895-5_23	Yes
1472	Influence of Linear and Stepped Variation in Wall Thickness on the Energy Absorption Efficiency of Square Tubes Under Axial Compression	M.Nalla Mohamed	Mechanical Engineering	Lecture Note in mechanical engineering	2023	2195-4356	https://www.springer.com/series/11236	https://doi.org/10.1007/978-981-19-3895-5_23	Yes
1473	The effect of processing techniques and operating parameters on the erosion wear behaviour of particle reinforced metal matrix and surface composites – A review	S. Annamalai, B. Anand Ronald, D. Ebenezer	Mechanical Engineering	Journal of Bio- and Tribo-Corrosion	2023	2198-4220	https://link.springer.com/journal/40735	https://doi.org/10.1007/s40735-023-00792-3	Yes

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1474	Compression behavior of perforated steel laminated elastomeric bearing	Selvaraj M	Mechanical Engineering	Materials Today	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322062551	Yes
1475	A state-of-the-art review on electric discharge machining of shape memory alloys	W.B. Jefrin Harris, Achudha Vagheesan Dehaleesan , Santosh Sampath, Anirudh Venkataraman Krishnan	Mechanical Engineering	Materials Today Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322063787	Yes
1476	Fabrication, processing and characterization of Cu-based smart alloys	J. Ashwath, M. Pavithran, S. Santosh	Mechanical Engineering	Materials Today Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322063684	Yes
1477	Influence of copper on the deformation behavior of NiTi shape memory alloys in isothermal compression	Santosh Sampath	Mechanical Engineering	Materials Today Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532206254X	Yes
1478	Evaluation of Johnson-Cook constitutive material model parameters for additively manufactured AlSi10Mg alloy test specimens	M.Nalla Mohamed	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322052427	Yes
1479	Improving the crashworthiness of circular tube energy absorber by introducing different Gaussian curvatures on surface	M.Nalla Mohamed	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322052749	Yes
1480	Surface roughness and insert wear in turning Ti-6Al-4 V and Inconel 600 alloys with tungsten carbide inserts under dry conditions	M. Dhananchezian	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322053937	Yes

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1481	A tool wear analysis of an Inconel 600 turned TiAlN coated carbide insert at various cutting speeds	M. Dhananchezian	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322060138	Yes
1482	Optimization of turning parameter on surface roughness, cutting force and temperature through TOPSIS	S. Lakshmanan, M. Pradeep Kumar, M. Dhananchezian	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322060230#:~:text=The%20effect%20of%20cutting%20parameters,(0.102%20mm%2Frev).	Yes
1483	Unraveling the role of micro-arc oxidation process factors on the corrosion resistance of magnesium alloy microtubes,	Lakshminarayanan, A.K., Vishwa, S., Selvam, S.	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532206268X	Yes
1484	Preparation, characterization and dynamic mechanical analysis of CuZnAl shape memory alloys	Nithyanandh, G. , Yogeshwaran, S.K. , Santosh, S.	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322063544	Yes
1485	Traditional machining of Austempered ductile iron (ADI): A review	V. Sharun, B. Anand Ronald	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2022.07.445	Yes
1486	High-velocity projectile impact behaviour of friction stir welded AA7075 thick plates	Praveen R, Koteswara Rao SR, Selvakumar G, Damodaram R	Mechanical Engineering	Defence Technology	2023	2214-9147	https://www.sciencedirect.com/journal/defence-technology		Yes

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1487	Occupational health improvement study on lumbar paraspinal muscles via surface electromyography during several tasks – a review.	D ATHIKESAVAN, M S ALPHIN, SACHIN GAURISHANKAR SARATE, K RAMRAJI, S MOHAMMED ADHIL	Mechanical Engineering	Rom Biotechnol Lett.	2023	2248-3942			Yes
1488	Artificial Intelligence Usage In India Analysed Using Six Hat Management Thinking Tools	D.Ananthapadmanaban	Mechanical Engineering	International Journal of Innovations in Engineering and Technology	2023	2319-1058	https://ijiet.com/	https://ijiet.com/issues/volume-24-issue-2-august-2023/	Yes
1489	Failure analysis of pump piping system using DEMATEL SVN methodology	R. Sundareswaran , S. Vijayan , Sneha S , Srinath Venkatesh , Vishnu Prasad P R , Viswapriya G,Lakshmi Narayan Mishra and Said Broumi	Mechanical Engineering	Neutrosophic Sets and Systems	2023	2331-608X	https://digitalrepository.unm.edu/nss_journal/	https://digitalrepository.unm.edu/nss_journal/vol53/iss1/13/	Yes
1490	Heat transfer enhancement and performance study on latent heat thermal energy storage system using different configurations of spherical PCM balls	A Surya, R Prakash, N Nallusamy	Mechanical Engineering	Journal of Energy Storage	2023	2352-152X	https://www.sciencedirect.com/journal/journal-of-energy-storage	https://doi.org/10.1016/j.est.2023.108643	Yes
1491	Exploring the synergistic potential of higher alcohols and biodiesel in blended and dual fuel combustion modes in diesel engines: A comprehensive review	M. Gowthama Krishnan, S. Rajkumar, J. Thangaraja, Y. Devarajan	Mechanical Engineering	Sustainable Chemistry and Pharmacy	2023	2352-5541	https://www.sciencedirect.com/journal/sustainable-chemistry-and-pharmacy	https://doi.org/10.1016/j.scp.2023.101180	Yes
1492	Unravelling the use of silica recovered from waste foundry sand in sustainable water jet machining of a copper-based ternary shape memory alloy	S Santosh, S Srivatsan	Mechanical Engineering	Materials Today Sustainability	2023	2589-2347	https://www.sciencedirect.com/journal/materials-today-sustainability	https://doi.org/10.1016/j.mtsust.2023.100553	Yes

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1493	Numerical investigations on a triple fluid heat exchanger with helical and sinusoidal coils	M Suresh	Mechanical Engineering	Journal of Energy Systems	2023	2602-2052	https://dergipark.org.tr/en/pub/jes	https://dergipark.org.tr/en/pub/jes/issue/75890/1116707	Yes
1494	Strength enhancement and retention in magnesium subjected to uniaxial compression using centralized partial drill holes	Anirudh Venkatraman Krishnan, Manoj Gupta	Mechanical Engineering	Engineering Research Express	2023	2631-8695	https://iopscience.iop.org/journal/2631-8695	https://iopscience.iop.org/article/10.1088/2631-8695/acd98b	Yes
1495	Effects of dual fuel combustion on performance, emission and energy-exergy characteristics of diesel engine fuelled with diesel-isobutanol and biodiesel-isobutanol	M. Gowthama Krishnan and S. Rajkumar	Mechanical Engineering	Energy, Elsevier	2022	0360-5442	https://www.sciencedirect.com/journal/energy	https://www.sciencedirect.com/science/article/abs/pii/S0360544222009252	Yes
1496	A novel approach in selective assembly with an arbitrary distribution to minimize clearance variation using evolutionary algorithms: A comparative study	M Sivakumar, N Lenin, K Jayakrishna and G Selvakumar M Sivakumar, N Lenin, K Jayakrishna	Mechanical Engineering	Journal of Intelligent Manufacturing	2021	0956-5515	https://www.springer.com/journal/10845	https://link.springer.com/article/10.1007/s10845-020-01720-9	Yes
1497	Kigelia africana fruit biofibre polysaccharide extraction and biofibre development by silane chemical treatment	K. Vishal, K. Rajkumar, M. S. Nitin, P. Sabarinathan	Mechanical Engineering	International Journal of Biological Macromolecules	2022	0141-8130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://www.sciencedirect.com/science/article/abs/pii/S0141813022008443	Yes
1498	Experimental and empirical analysis of a diesel engine fuelled with ternary blends of diesel, waste cooking sunflower oil biodiesel and diethyl ether	Bukke Devaraj Naik, Udayakumar Meivelu, Vinoth Thangarasu, Santhoshkumar Annamalai, Vedharaj Sivasankaralingam	Mechanical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236122008201	Yes

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1499	Effects of start of injection and exhaust gas recirculation on dual fuel combustion of isobutanol with diesel and waste cooking oil biodiesel in a diesel engine at higher loads	M. Gowthama Krishnan, S. Rajkumar	Mechanical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.science-direct.com/science/article/abs/pii/S0016236122019391	Yes
1500	A machine learning framework for evaluating the biodiesel properties for accurate modeling of spray and combustion processes	J Thangaraja, Lars Zigan and S Rajkumar	Mechanical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.science-direct.com/science/article/abs/pii/S001623612203397X	Yes
1501	A review on zeolite catalyst for deNOx performance in ammonia-selective catalytic reduction	M S Alphin, M Sunil Kumar, Raja, Senthil Kumar	Mechanical Engineering	Fuel	2022	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.science-direct.com/science/article/abs/pii/S0016236122036523	Yes
1502	Liquid cooling vs hybrid cooling for fast charging lithium-ion batteries: A comparative numerical study	Amalesh T. and N. Lakshmi Narasimhan	Mechanical Engineering	Applied Thermal Engineering	2022	1359-4311	https://www.sciencedirect.com/journal/applied-thermal-engineering	https://www.science-direct.com/science/article/pii/S1359431122001880	Yes
1503	Titanium versus magnesium plates for unilateral mandibular angle fracture fixation: biomechanical evaluation using 3-dimensional finite element analysis	Somasundaram Prasad; Anirudh Venkatraman Krishnan; C.Y.H. Lim; Manoj Gupta; Raymond Wong	Mechanical Engineering	Journal of Materials Research and Technology	2022	2238-7854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://www.science-direct.com/science/article/pii/S2238785422004185	Yes
1504	Impression creep behavior of different zones in friction stir welded ZE41 magnesium-rare earth alloy	Ebenezer D, S.R. Koteswara Rao, K.L. Harikrishna, G. Madhusudhan Reddy	Mechanical Engineering	Materials Science and Engineering A	2022	0921-5093	https://www.sciencedirect.com/journal/materials-science-and-engineering-a	https://www.science-direct.com/science/article/abs/pii/S0921509322010000	Yes

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1505	Comparison of Internal friction measurements on Ni-Ti reinforced smart composites prepared by Additive Manufacturing	Santosh S, G Nithyanandh, J Ashwath, K Lalith Kishore	Mechanical Engineering	Journal of Alloys and Compounds	2022	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S092583882024185	Yes
1506	Effect of Ni and Mn additions on the damping characteristics of Cu-Al-Fe based high temperature shape memory alloys	Santosh S, Kevin Thomas J, Rajkumar K, Sabareesh A	Mechanical Engineering	Journal of Alloys and Compounds	2022	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S092583882026494#:~:text=The%20addition%20of%20the%20quaternary,Cu%2DAl%2DFe%20alloy.	Yes
1507	Hot deformation characteristics of NiTiV shape memory alloy and modeling using constitutive equations and artificial neural networks	Santosh. S, Sampath. V, Mouliswar .R. RSampath. V and Mouliswar R R	Mechanical Engineering	Journal of Alloys and Compounds	2021	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838821048611	Yes
1508	Experimental investigation on mechanical properties and free vibration characteristics of epoxy-based glass/flax laminates	Selvaraj M, Gnanakumar G, Murugan R	Mechanical Engineering	Polymer Composites	2022	1548-0569	https://4spepublications.onlinelibrary.wiley.com/journal/15480569	https://4spepublications.onlinelibrary.wiley.com/doi/abs/10.1002/pc.26899	Yes
1509	An experimental analysis on the influence of CO2 laser machining parameters on a copper-based shape memory alloy	S.Santosh, J.Kevin Thomas, M.Pavithran, G.Nithyanandh, J.Ashwath J.Kevin Thomas, M.Pavithran, G.Nithyanandh, J.Ashwath	Mechanical Engineering	Optics & Laser Technology	2022	0030-3992	https://www.sciencedirect.com/journal/optics-and-laser-technology	https://www.sciencedirect.com/science/article/abs/pii/S003039922200367X	Yes
1510	A novel decision-making tool for performance evaluation of vegetable oils used as heat transfer fluids in concentrated solar power plants	Divya Zindani, Saikat Ranjan Maity, Sumit BhowmikSaikat Ranjan Maity,	Mechanical Engineering	Environment, Development and Sustainability	2022	1387-585X	https://www.springer.com/journal/10668	https://link.springer.com/article/10.1007/s10668-021-01991-z	Yes

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1511	Cutting velocity influenced machinability of Monel 400 by coated tool	M. Dhananchezian, K. Rajkumar and S. Prithivirajan	Mechanical Engineering	Materials and manufacturing process	2022	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2022.2105883	Yes
1512	Fiber laser microcutting on duplex steel: parameter optimization by TOPSIS	C Gopinath, Poovazhagan Lakshmanan, and Sarangapani PalaniC Gopinath	Mechanical Engineering	MATERIALS AND MANUFACTURING PROCESSES	2021	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.1981939?journalCode=lmmp20	Yes
1513	Enhancement of grinding performances using fabricated pore aligned grinding wheels with PCA-GRA	Hepsi Beaula MJ, K Jayakumar	Mechanical Engineering	Materials and Manufacturing Processes	2022	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2022.2089890?journalCode=lmmp20	Yes
1514	Micro-hexagonal Profile Making on Alloy276 by Fiber Laser: Desirability Approach	Poovazhagan Lakshmanan, Kulothungan S, Sarangapani Palani, and S. Sathiyamurthy	Mechanical Engineering	Materials and Manufacturing Processes	2022	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2022.2072883?journalCode=lmmp20	Yes
1515	Impression creep behavior of different zones in friction stir welded Mg–Zn–Mn wrought alloy	Ebenezer D, S. R. Koteswara Rao, and K. L. Harikrishna	Mechanical Engineering	Journal of materials science (Springer)	2022	0022-2461	https://www.springer.com/journal/10853	https://link.springer.com/article/10.1007/s10853-022-07522-z	Yes
1516	Biochar supported manganese based catalyst for low-temperature selective catalytic reduction of nitric oxide	S. Raja, D. Eshwar, S. Natarajan , M. S. Alphin	Mechanical Engineering	Journal Clean Technologies and Environmental Policy	2022	1618-954X	https://www.springer.com/journal/10098	https://link.springer.com/article/10.1007/s10098-022-02274-5	Yes
1517	Dry sliding wear behavior of Poly Ether Ether Ketone (PEEK) reinforced with graphite and synthetic diamond particles	K.RajkumarK.Vishal and K.Rajkumar	Mechanical Engineering	Diamond and Related Materials	2022	0925-9635	https://www.sciencedirect.com/journal/diamond-and-related-materials	https://www.sciencedirect.com/science/article/abs/pii/S0925963522005866	Yes
1518	Ballistic behaviour of nanosilica and rubber reinforced kevlar/epoxy composite targets	Dr S Suresh Kumar, Nitin M.S	Mechanical Engineering	Journal of Engineering Failure Analysis	2022	1350-6307	https://www.sciencedirect.com/journal/engineering-failure-analysis	https://www.sciencedirect.com/science/article/abs/pii/S1350630722008123	Yes

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1519	Characterization of Raw and Alkali Treated Cellulosic Filler Isolated from Putranjiva roxburghii W. Seed Shell Roadside Vegetative Residues	K.M. Muthukrishnan, G. Selvakumar, P. Narayanasamy and P. Ravindran	Mechanical Engineering	Journal of Natural Fibers	2022	1544-0478	https://www.tandfonline.com/journals/wjnf20	https://www.tandfonline.com/doi/abs/10.1080/15440478.2022.2061670?journalCode=wjnf20	Yes
1520	Influencing behavior study of natural almond shell filler on the tensile, thermal, and free vibrational properties of flax fiber intertwined vinyl ester composites	K. Rajkumar, Ramraji K, Rajesh M	Mechanical Engineering	Journal of Natural Fibers	2022	1544-0478	https://www.tandfonline.com/journals/wjnf20	https://www.tandfonline.com/doi/abs/10.1080/15440478.2022.2080787	Yes
1521	Sustainable solution to low-cost alternative abrasive from electric ceramic insulator waste for use in abrasive water jet machining	K Rajkumar, P. Sabarinathan, V.E. Annamalai, K., K.Vishal	Mechanical Engineering	International Journal of Advanced Manufacturing Technology,	2022	0268-3768	https://www.springer.com/journal/170	https://link.springer.com/article/10.1007/s00170-022-09077-4	Yes
1522	Influence of silicon filler size and concentration on thermal stability and erosion wear resistance of polymer composite	K. Rajkumar, K.M. Nambiraj, K. Ramraji, B. Shahul Hamid Khan; M.Rajesh	Mechanical Engineering	Silicon	2022	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-022-01711-w#:~:text=A%20fine%20silicon%2Dfilled%2010,properties%20than%20the%20unfilled%20composites.	Yes
1523	Mechanical and Wear Characteristics Investigation on 3D Printed Silicon Filled Poly (lactic acid) Biopolymer Composite Fabricated by Fused Deposition Modelling	K.Rajkumar, K.Vishal, P. Sabarinathan	Mechanical Engineering	Silicon	2022	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-022-01712-9	Yes

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1524	Experimental and Theoretical Yield Strength of Silicon Carbide and Hexagonal Boron Nitride Reinforced Mg-Zn Nanocomposites Produced by the Combined Effects of Ultrasonication and Squeeze Casting	K. Parthiban, Poovazhagan Lakshmanan A., Gnanavelbabu	Mechanical Engineering	Silicon (Springer)	2022	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-022-01679-7	Yes
1525	Investigation on Physicomechanical, Tribological and Optimality Condition for Coir Filler-Reinforced Polymeric Composites	Rajdeep Paul, Divya Zindani, Sumit Bhowmik	Mechanical Engineering	Arabian Journal for Science and Engineering	2022	2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-022-07221-6	Yes
1526	Experimental Investigation on Improvement of Machinability of SS 304 Through Multipass Cutting in WEDM	Dr. K. Jayakumar, Dr. T. Suresh, Dr. G. Selvakumar, Dr. S. Ramprakash	Mechanical Engineering	Arabian Journal for Science and Engineering	2022	2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-022-07508-8	Yes
1527	Fiber Laser Cutting of Cu–Zr Added Quaternary NiTi Shape Memory Alloy: Experimental Investigation and Optimization	Balasubramaniyan, C., Rajkumar, K. & Santosh, S.	Mechanical Engineering	Arabian Journal for Science and Engineering	2022	2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-022-07256-9	Yes
1528	Experimental and numerical investigation on phase change material filled reinforced cement concrete roof slab for mitigating the heat transfer	Karthick H, N Nallusamy and S Rajkumar	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2022	1556-7036	https://www.tandfonline.com/journals/ueso20	https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2068700	Yes
1529	Impression Creep Behavior of an Mg–Zn–RE Alloy at Elevated Temperatures	D. Ebenezer & S. R. Koteswara Rao	Mechanical Engineering	Metallurgical and Materials Transactions A	2022	1073-5623	https://www.springer.com/journal/11661	https://link.springer.com/article/10.1007/s11661-021-06551-8	Yes

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1530	Prediction of dry sliding wear behaviour of China clay particles reinforced AA6082 matrix composites using Response Surface Methodology and analysis of the worn surfaces	Renjin J Bright, Selvakumar G and Sumathi. M	Mechanical Engineering	Surface Topography: Metrology and Properties	2022	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac59d4/meta	Yes
1531	Harnessing friction stir back extrusion process to fabricate microtubes from as-cast Mg-4Zn-0.7Zr-1.6RE magnesium alloy	AK Lakshminarayanan, Saranarayanan Ramachandran ,M Bakkiyaraj and B.Rajabharathi	Mechanical Engineering	Surface Topography: Metrology and Properties	2022	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac5ae4	Yes
1532	Surface quality and morphology of NiTiCuZr shape memory alloy machined using thermal-energy processes: An examination of comparative topography	K.Rajkumar, C.Balasubramanian, S.Santosh, K.Rajkumar	Mechanical Engineering	Surface Topography: Metrology and Properties	2022	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac8757/meta	Yes
1533	Investigations on the effect of dielectric medium and WEDM parameters on surface characteristics of Al 7068 (ordnance aluminium) alloy	G Selvakumar, B Sharmila and S. Ram Prakash	Mechanical Engineering	Surface Topography: Metrology and Properties	2022	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac8f5f	Yes
1534	Process optimization and removal of phenol formaldehyde resin coating using mechanical erosion process	P. Sabarinathan, V.E. Annamalai, K. Vishal, M.S. Nitin, V. Dhinakaran-	Mechanical Engineering	Progress in Rubber Plastics and Recycling Technology	2022	1477-7606	https://journals.sagepub.com/home/PRP	https://journals.sagepub.com/doi/abs/10.1177/14777606211066316	Yes
1535	Evaluation of the bio-dynamic response of the hand-arm system and hand-tool designs - A brief review,	Alphin M S	Mechanical Engineering	International Journal of Occupational Safety and Ergonomics	2022	1080-3548	https://www.tandfonline.com/journals/tose20	https://www.tandfonline.com/doi/abs/10.1080/10803548.2022.2060587?journalCode=tose20	Yes

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1536	Effects of simultaneous rotational ultrasonication and vortex-induced casting technique on particle distribution and grain refinement in AA7075/h-BN nanocomposites	Amith S C and Poovazhagan Lakshmanan	Mechanical Engineering	Proc IMechE Part L: J Materials: Design and Applications	2022	1464-4207	https://journals.sagepub.com/home/pil	https://journals.sagepub.com/doi/abs/10.1177/14644207221077161?journalCode=pila	Yes
1537	Optimization of target thickness and investigation on the effect of heat treatment on the ballistic performance of aluminium alloy 7075 targets against hard steel core projectile	R Praveen, S.R. Koteswara Rao, Saurabh S. Kumar, S. Suresh Kumar	Mechanical Engineering	Proc IMechE Part L: J Materials: Design and Applications	2022	1464-4207	https://journals.sagepub.com/home/pil	https://journals.sagepub.com/doi/abs/10.1177/14644207221105365	Yes
1538	High temperature impression creep behavior and microstructures of wrought ZM21 magnesium alloy	D Ebenezer, SR Koteswara Rao, S Vijayan, R Rajeswari	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2021	1464-4207	https://journals.sagepub.com/home/pil	https://journals.sagepub.com/doi/abs/10.1177/14644207211047699?journalCode=pila	Yes
1539	Friction surfaced Alloy 718 Coatings deposits: Effect of process parameters on coating performance	S. Cyril Joseph Daniel, R. Damodaram, G.M. Karthik, B. Lakshmana Rao	Mechanical Engineering	Journal of Materials Engineering and Performance	2022	1059-9495	https://www.springer.com/journal/11665	https://link.springer.com/article/10.1007/s11665-021-06488-4	Yes
1540	Experimental and Numerical Investigation to Assess the Performance of Helical Bach Vertical Axis Wind Turbine at Low Wind Velocity Conditions	Micha Premkumar Seralathan S and V Hariram	Mechanical Engineering	Journal of Solar Energy Engineering, Transactions of the ASME	2022	0199-6231	https://asmedigitalcollection.asme.org/solarenergyengineering	https://asmedigitalcollection.asme.org/solarenergyengineering/article/144/5/051010/1140594/Experimental-and-Numerical-Investigation-to-Assess	Yes

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1541	Influence of tool pin profiles in the strength enhancement of friction stir welded AA5083 and AA5754 alloys	P Naveen Kumar, K. Jayakumar	Mechanical Engineering	Materials Research Express	2022	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ac5956/meta	Yes
1542	Post weld friction stir processing of AA5083-FTIG welds with scandium added fillers	Vijay Sekar KS, Aarthi R	Mechanical Engineering	Materials Research Express	2022	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aca643	Yes
1543	Energy and exergy analysis and multi-objective optimization of a biodiesel fueled direct ignition engine	Raja S., Natarajan S & Alphin MS	Mechanical Engineering	Results in Chemistry	2022	2211-7156	https://www.sciencedirect.com/journal/results-in-chemistry	https://www.sciencedirect.com/science/article/pii/S2211715622000030	Yes
1544	Realization of a Novel Weaving Framework in Looms for Manufacturing of E-Textiles	Abirami Anbalagan; Esther Florence; Vimal Samsingh R	Mechanical Engineering	IEEE Transactions on Components, Packaging and Manufacturing Technology	2022	2156-3950	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=5503870	https://ieeexplore.ieee.org/document/9684385	Yes
1545	Investigation on Microstructure and Tribological Performance of Zirconium Boride Reinforced AZ91D Magnesium Alloy: Effect of Processing Route	K.Rajkumar, S. Ayyanar, A. Gnanavelbabu, K. Rajkumar, K. Vishal	Mechanical Engineering	Part C: J Mechanical Engineering Science	2022	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/09544062221125058	Yes
1546	Identification of Self-lubricative Mode for the Ultrasonic Treated AA6061-B4C-CNT Hybrid Composites	K. Rajkumar, K.T. Sunu Surendran, A. Gnanavelbabu,	Mechanical Engineering	Part J: Journal of Engineering Tribology	2022	1350-6501	https://journals.sagepub.com/home/PIJ	https://journals.sagepub.com/doi/abs/10.1177/13506501221113168	Yes
1547	Impact of nano-SiCP and nano-hBNP on the corrosion performance and fatigue behavior of Mg–Zn hybrid nanocomposites	Poovazhagan Lakshmanan, Parthiban Krishnan, Gnanavelbabu Annamalai	Mechanical Engineering	Materials and corrosion	2022	1521-4176	https://onlinelibrary.wiley.com/journal/15214176	https://onlinelibrary.wiley.com/doi/abs/10.1002/maco.202213523	Yes

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1548	Influence of Fe–Cu-SSZ-13 and hybrid Fe–Cu-SSZ-13 zeolite catalyst in ammonia-selective catalytic reduction (NH ₃ -SCR) of NO _x	Kumar, M.S., Alphin, M.S.	Mechanical Engineering	Reac Kinet Mech Cat (2022).	2022	1878-5190	https://www.springer.com/journal/11144	https://link.springer.com/article/10.1007/s11144-022-02283-x	Yes
1549	Experimental Investigation and Mechanism Analysis: Effect of Concentration and Temperature on the Heat Transfer Characteristics of Novel MWCNT-Mustard Oil Nanofluid	S. Vijayan and V. Vignesh G. Selvakumar and D. Prince Sahaya Sudherson	Mechanical Engineering	Bulletin of the Chemical Society of Ethiopia	2022	1011-3924	https://www.ajol.info/index.php/bcse/index	https://www.ajol.info/index.php/bcse/article/view/228219	Yes
1550	Effect of Vanadium on the Microstructure, Transformation Temperatures, and Corrosion Behavior of NiTi Shape Memory Alloys	S. Santosh, V. Sampath	Mechanical Engineering	Journal of Engineering Materials and Technology	2022	0094-4289	https://asmedigitalcollection.asme.org/materialstechnology	https://asmedigitalcollection.asme.org/materialstechnology/article/145/1/011008/1147345/Effect-of-Vanadium-on-the-Microstructure	Yes
1551	Effect of tool pin profile on the mechanical and microstructural properties of dissimilar friction stir welded AA5083-H111 and AA6061-T6 aluminium alloys	K. Jayakumar, Shine K	Mechanical Engineering	JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS	2022	0253-3839	https://www.tandfonline.com/journals/tcie20	https://www.tandfonline.com/doi/abs/10.1080/02533839.2022.2034054	Yes

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1552	Mechanical and drilling characterization of biodegradable PLA particulate green composites	K. Jayakumar, A. Madhan Kumar	Mechanical Engineering	Journal of the Chinese Institute of Engineers	2022	0253-3839	https://www.tandfonline.com/journals/tcie20	https://www.tandfonline.com/doi/abs/10.1080/02533839.2022.2061602#:~:text=From%20the%20mechanical%20characterization%20studies,performed%20on%20the%20processed%20PMCs.	Yes
1553	Influence of Scandium on AA5052-H32/AA5083-H111 TIG welded joint	PRABU D ANTONY, KS Jayakumar, Vimal Samsingh Ramalingam	Mechanical Engineering	Journal of the Chinese Institute of Engineers	2022	0253-3839	https://www.tandfonline.com/journals/tcie20	https://www.tandfonline.com/doi/abs/10.1080/02533839.2022.2034048?journalCode=tcie20	Yes
1554	Study on the Influence of Zinc Coated Wire Material on 3D Profile Machining of INCONEL 825 alloy using WEDM Process	S Arulselvan, D Ravindran, G Selvakumar and A Arul Marcel Moshi	Mechanical Engineering	Surface Review and Letters	2022	0218-625X	https://www.worldscientific.com/worldscinet/srl	https://www.worldscientific.com/doi/abs/10.1142/S0218625X22501517?journalCode=srl	Yes
1555	Influence of nano-Si3N4(P) hybridization on the mechanical and quasi-static compression behaviour of AA6082-Metakaolin composites	Renjin J. Bright, G. Selvakumar, P. Hariharasakthisudhan, M Sumathi	Mechanical Engineering	Kovove Materialy-Metallic Materials	2022	0023-432X	http://www.kovmat.sav.sk/	http://www.kovmat.sav.sk/article.php?rr=60&cc=3&ss=191	Yes
1556	Development of a co-extruded Al-Ti bimetal composite,	Arunkumar, M. S. Alphin, Z. Edward Kennedy, N. Sriraman,	Mechanical Engineering	Materials and technology	2022	1580-2949	https://mater-tehnol.si/index.php/MatTech/issue/view/9	https://mater-tehnol.si/index.php/MatTech/article/view/312	Yes
1557	Machinability Studies on the Turning of Magnesium Metal Matrix Composites	K.Gobivel and K.S.Vijay Sekar	Mechanical Engineering	Archives of metallurgy and materials	2022	1733-3490	https://journals.pan.pl/amm	https://journals.pan.pl/dlibra/publication/139686/edition/124018/content	Yes

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1558	Application of Conceive, Design, Implement and Operate (CDIO) Strategy for the Development of Engineering Education in Indian Perspective	N Lenin, M. Siva Kumar and G. Selvakumar	Mechanical Engineering	Journal of Education	2021	0022-0574	https://journals.sagepub.com/home/JEX	https://journals.sagepub.com/doi/abs/10.1177/00220574211016446	Yes
1559	Investigation on vibrational characteristics on vinyl ester /glass fibre composite with intermediate polyurethane layer	Selvaraj M	Mechanical Engineering	AIP Conference Proceedings	2022	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2460/1/070005/2824894/Investigation-on-vibrational-characteristics-on?redirectedFrom=fulltext	Yes
1560	Analysis of supply chain management in BOP markets	S. Vijayan P. Maheswari, R. Vinodhini	Mechanical Engineering	AIP Conference Proceedings	2022	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2460/1/030007/2825161/Analysis-of-supply-chain-management-in-BOP-markets?redirectedFrom=fulltext	Yes
1561	Multi objective optimization of welding parameters using Taguchi based grey relation analysis in activated TIG (ATIG) welding on SAF2507 super duplex stainless steel	CB Sekar, S Rajendra Boopathy, S Vijayan, SR Koteswara Rao	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/030007/780147/Multi-objective-optimization-of-welding-parameters?redirectedFrom=fulltext	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
1562	Recent Developments in Design and Operations of Solar dryer	S. Harini, V S Kavya, A S Ramana	Mechanical Engineering	IOP Conf. Series: Earth and Environmental Science	2022	1755-1307	https://iopscience.iop.org/journal/1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/1100/1/012007	Yes
1563	Experimental Studies on Surface Roughness and Temperature Rise During End Milling of AL 7075	Dr. K. Jayakumar, P. J. Abdul rahman, L. Manikandan, N. Aravinth & A. Karthikeyan	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2022	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-19-3895-5_34	Yes
1564	Performance of different wire electrode materials on kerf width in WEDM of aluminum hybrid composite	KL. Harikrishna, Batta Sai Chandu Yadav, A Muniappan, K. Rajkumar	Mechanical Engineering	Materials Today - Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322029790	Yes
1565	Mechanical and dynamic mechanical analysis of calcium carbonate filler interleaved with basalt polymeric laminates	K. RAJKUMAR, K. Ramraji, KL. Harikrishna, P. Sarmaji Kumar	Mechanical Engineering	Materials Today - Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322029170	Yes
1566	Evaluation of rupture life and Larson Miller parameter using Monkman-Grant relationship from impression creep data of magnesium alloy ZM21	Ebenezer D, S.R.Koteswara Rao, G. Selvakumar, S. Ram Prakash	Mechanical Engineering	Materials Today Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019459	Yes
1567	Microscopical and corrosion studies on Al6061 – 10% Al2O3 functionally graded metal matrix composites	S.Prathap Singh D.Ananthapadmanaban, K.Arun Vasantha Geethan, P.Ravichandran	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019174	Yes
1568	Aggregation multiplicative rule for optimal parametric identification of electric discharge machined AA6061/Al2O3/10p composite	Gurumukh Das, GurdeepSingh, DivyaZindaniGurumukh Das,	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322004886	Yes

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1569	An insight to improve crushing energy absorption capacity of cylindrical tubes using corrugation under axial compression loading	M.Nalla Mohamed	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322020958	Yes
1570	Effect of stitching on improving the tensile strength of sisal fabric/epoxy composites for internal bone plate applications	M.Nalla Mohamed and G.VR.Sakthivel	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322021770	Yes
1571	Analysis of bend angle variation in aluminium - copper friction welding in the presence and absence of nickel interlayer	D.Vijayan D.Ananthapadmanaban, E.Ravikumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322020673	Yes
1572	Numerical evaluation of ballistic limit velocity and experimental ballistic response of 25 mm thick aluminium 7075 alloy targets	R. Praveen, S.R. Koteswara Rao, Saurabh S. Kumar, T. Rajesh Babu	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019356	Yes
1573	Effect of wire materials on performance during WEDM of SS304	K. Jayakumar, T. Suresh	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019654	Yes
1574	Analyzing the hardness and wear properties of SiC and hBN reinforced aluminum hybrid nanocomposites	Poovazhagan LakshmananParthiban Krishnan, Sarangapani Palani, Arun Arumugam, S. Kulothungan	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019393	Yes
1575	Examining the abrasive wear properties of LM22 aluminum alloy reinforced with SiC and B4C nanoparticles	Poovazhagan Lakshmanan Ravanneswaran G.R., Sanjai S. , Kumanan G.	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532201954X	Yes

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1576	Influence of cutting parameters on end milling of magnesium alloy AZ31B 62, 2022, pp 933-937	K.S. Vijay Sekar, K. Gobivel	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532202168X	Yes
1577	Cutting forces and tool wear studies on machining of Hastelloy X	K.S. Vijay Sekar, K. Gobivel G. Ram Goutham, P. Ponsuganth Elangovan, N. Naresh Babu	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532202154X	Yes
1578	Investigation on the effect of TiN and Al ₂ O ₃ coated tools in the Machining of Ti-6Al-4 V alloy	K.S.Vijay Sekar, K. Gobivel	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322021563	Yes
1579	Regression model for obtaining peak temperature and heat generation during friction stir welding of stainless steel	Selvaraj M	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019757	Yes
1580	Effect of magnetorheological elastomer thickness and magnetic flux on vibrational characteristics	Selvaraj M	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019800	Yes
1581	FSW on AA5083 H-111 and AA5754 H-111 dissimilar plates with scandium intermetallic layer	Dr. K. Jayakumar, P. Naveen Kumar, S. Senthur Vaishnavan	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532206196X	Yes
1582	Effect of ER5183 filler rod on the metallurgical and mechanical properties of TIG-welded AA5083 and AA5754 joints	Dr. K. Jayakumar, S. Senthur Vaishnavan, P. Naveen Kumar, T. Suresh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322060229	Yes

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1583	Effect of tool pin shapes on microstructure and mechanical behaviour of friction stir welding of dissimilar aluminium alloys	Dr. K. Jayakumar, S. Balamurugan, B. Anbarasan, M. Rajesh	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785322056929	Yes
1584	Fabrication and characterization of Basalt/ATH/Epoxy hybrid composites	Dr. K. Jayakumar, Karthick. R Kandasamy R, S. Balamurugan, K. Jayakumar, Ilangkumaran M, Murugesan J	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785322052907	Yes
1585	Analysis of engine cylinder block with fins by varying different materials	Dr. K. Jayakumar, M. Subbiah, S. Balamurugan, Karthick R.	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S221478532205235X	Yes
1586	Effect of End Milling Parameters on MRR and Hardness Variation of AA7075	Dr. K. Jayakumar, P.J. Abdul Rahman	Mechanical Engineering	Materials Today: Proceedings	2023	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785322060126	Yes
1587	Stress distribution in knee Implant: A FEA study	S Jackson Irudhayam, D Antony Prabu, KS Jayakumar, V Hariram, T Sankaralingam	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785322022593	Yes
1588	Mechanical behavior and characterization of Al7075 reinforced with Al ₂ O ₃ and TiC Hybrid metal matrix composite	A Radha, D Antony Prabu, KS Jayakumar, T Sankaralingam, B Selvam, S Balaharsha	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785322021903	Yes
1589	Development of SS 304L composite coatings on mild steel substrate using friction surfacing and wear characterization	V Rajoria, G Nain, S Vijayan, CH Prasad, R Damodaram, GM Karthik	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785322020156	Yes

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1590	A state-of-the-art review on electric discharge machining of shape memory alloys	W.B. Jefrin Harris, Achudha Vagheesan Dehaleesan, Santosh Sampath, Anirudh Venkataraman Krishnan,	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322063787	Yes
1591	Assessment of factors influencing the transfer efficiency in electrostatic spray coating process	Poovazhagan Lakshmanan S. Kulothungan, Parthiban Krishnan, Sarangapani Palani, Arun Arumugam	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322024269	Yes
1592	Friction stir processing of Al/B4C nanocomposites prepared by Stir-Ultrasonication casting method	Poovazhagan Lakshmanan Parthiban Krishnan, Sarangapani Palani, Arun Arumugam, S Kulothungan	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019368	Yes
1593	A study on electrical discharge machining of Mg/B4C nanocomposite synthesized by stir ultrasonication technique for analyzing the effect of tool wear rate	L. Poovazhagan L. Arunkumar . Kumanan , M. Appoorthiadigal , S.C. Amith	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322024221	Yes
1594	Experimental study on laser surface texturing and wear characterization of titanium alloy	Poovazhagan Lakshmanan A. Arun, K. Parthiban , G. Kumanan , L. Arunkumar	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322019708	Yes
1595	Optimizing the process parameters of novel rotary ultrasonic hybrid casting process for synthesis of Al-Zn-Mg-Cu matrix nanocomposites	Poovazhagan Lakshmanan S.C. Amith, S. Cyril Joseph Daniel, M. Prem Ananth	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322018417	Yes
1596	Examining the superplastic behavior of (Al-Si-Mg)/SiC metal matrix nanocomposites	Poovazhagan Lakshmanan E. Sakthivel	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322021964	Yes

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1597	Investigation of the effect of water absorption on thermomechanical and viscoelastic properties of flax-hemp-reinforced hybrid composite	Abir Saha, Santosh Kumar, Divya Zindani	Mechanical Engineering	Polymer Composites	2021	1548-0569	https://4spepublications.onlinelibrary.wiley.com/journal/15480569	https://4spepublications.onlinelibrary.wiley.com/doi/abs/10.1002/pc.26164	Yes
1598	Ballistic performance of synergistically toughened Kevlar/epoxy composite targets reinforced with multiwalled carbon nanotubes/graphene nanofillers	Nitin MS, Suresh Kumar S.	Mechanical Engineering	Polymer Composites	2021	1548-0569	https://4spepublications.onlinelibrary.wiley.com/journal/15480569	https://4spepublications.onlinelibrary.wiley.com/doi/abs/10.1002/pc.26409	Yes
1599	On-Body RF Sensor Toward Tremor Detection in Parkinson's Disease	Sakthi Abirami ; S.Esther Florence ; R.Vimal Samsingh	Mechanical Engineering	IEEE/ASME Transactions on Mechatronics	2021	1083-4435	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=3516	https://ieeexplore.ieee.org/document/9296371	Yes
1600	In vitro degradation, haemolysis and cytotoxicity study of Mg-0.4Ce/ZnO ₂ nanocomposites,	Meenachi Prabakaran Subashini Rajakannu, Lakshminarayanan K Adhimoolam, Manoj Gupta	Mechanical Engineering	IET Nanobiotechnology	2021	1751-875X	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/nbt2.12032	Yes
1601	Python implementation of fuzzy logic for artificial intelligence modelling and analysis of important parameters in drilling of hybrid fiber composite	Vimal Samsingh , Achyuth Ramachandran , Anirudh Selvam and Karthick Subramanian	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2021	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1012/1/012037/meta	Yes
1602	Finite element analysis of the slot milling of carbon fiber reinforced polymer composites	C Prakash and K S Vijay Sekar	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2021	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1128/1/012050	Yes
1603	Experimental Investigations on the Drilling of Titanium Metal Matrix Composite	Arun Rajesh, Bala Kumar S S, Ashok R & Vijay Sekar K S	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2021	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/1128/1/012029	Yes

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1604	Influence of Plasma Electrolytic Oxidation coating on Corrosion Characteristics of Friction Stir Welded ZE41 Rare earth Magnesium Alloy	N. Sivashanmugam, KL. Harikrishna, S. R. Koteswara Rao, N. Rameshbabu, P. Manojkumar	Mechanical Engineering	Surface Topography - Metrology and Properties	2021	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac4343	Yes
1605	Investigations on the influence of particle reinforcement and wire materials on the surface quality and machining characteristics of AA6061-TiB2 alloy in WEDM	K. Ramraji, K Rajkumar, G. Selvakumar and S. Ram Prakash	Mechanical Engineering	Surface Topography: Metrology and Properties	2021	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac1f7c/meta	Yes
1606	Micro groove cutting on the surfaces of Cu-B4C nanocomposites by fiber laser	Arun Arumugam, Poovazhagan Lakshmanan and Sarangapani Palani	Mechanical Engineering	Surface Topography: Metrology and Properties (IOP Publisher)	2021	2051-672X	https://iopscience.iop.org/journal/2051-672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac1c7f	Yes
1607	Machinability Studies on the Turning of Magnesium Metal Matrix Composites	Gobivel K and Vijay Sekar KS	Mechanical Engineering	Archives of Metallurgy and Materials, Polish academy of sciences	2022	1733-3490	https://journals.pan.pl/amm	https://journals.pan.pl/dlibra/publication/139686/edition/124018/content	Yes
1608	Probing the stress corrosion cracking resistance of laser beam welded AISI 316LN austenitic stainless steel	R Rajasekaran and AK Lakshminarayanan	Mechanical Engineering	J Mechanical Engineering Science	2021	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/0954406220965635	Yes
1609	Parametric investigation on surface roughness and hole quality of Ti metal hybrid fibers cored laminate (MFL) during abrasive water jet drilling	M.Rajesh, K. Rajkumar, K.Ramraji	Mechanical Engineering	Proc IMechE Part C: J Mechanical Engineering Science	2021	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/09544062211046902	Yes

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1610	Decisive impact of Filler-free joining processes on the Microstructural evolution, tensile and impact properties of 9Cr-1Mo-V-Nb to 316 L(N) dissimilar joints	A Venkatakrishna, AK Lakshminarayanan , P Vasantharaja and M Vasudevan	Mechanical Engineering	Proc IMechE Part C: J Mechanical Engineering Science	2021	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/09544062211029307	Yes
1611	Numerical and experimental investigations on the effect of target thickness and solution treatment on the ballistic behaviour of AA7075 thick plates	R Praveen, S R Koteswara Rao, R Damodaram, S Suresh Kumar	Mechanical Engineering	Proceeding Institute of Mechanical Engineering Part C: Journal of Mechanical Engineering Science	2021	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/09544062211038981?journalCode=picb	Yes
1612	Influence of barite particulate filler on the mechanical behaviour of carbon fiber reinforced LY556 epoxy matrix composites	S R Benin, G Selvakumar, M Sumathi and Renjin J Bright	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2021	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/full/10.1177/09544062211017951	Yes
1613	Influence of ZrB ₂ /hBN particles on the wear behaviour of AA7075 composites fabricated through stir followed by squeeze cast technique	P.Loganathan, A. Gnanavelbabu, K. Rajkumar	Mechanical Engineering	Proc IMechE Part J: Journal of Engineering Tribology,	2020	1350-6501	https://journals.sagepub.com/home/PIJ	https://journals.sagepub.com/doi/10.1177/1350650120929501	Yes
1614	High temperature impression creep behavior and microstructures of wrought ZM21 magnesium alloy	D Ebenezer, SR Koteswara Rao, S Vijayan, R Rajeswari	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications	2021	1464-4207	https://journals.sagepub.com/home/PIL	https://journals.sagepub.com/doi/abs/10.1177/14644207211047699?journalCode=pila	Yes

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1615	Enhancement of machining and surface quality of quaternary alloyed NiTiCuZr shape memory alloy through ultrasonic vibration coupled WEDM	C Balasubramaniyan , K Rajkumar and S Santosh	Mechanical Engineering	Proc IMechE Part L: J Materials: Design and Applications	2021	1464-4207	https://journals.sagepub.com/home/PIL	https://journals.sagepub.com/doi/abs/10.1177/14644207211058297	Yes
1616	Effects of recovered brown alumina filler loading on mechanical, hygrothermal and thermal properties of glass fiber reinforced epoxy polymer composite	P. Sabarinathan, V.E. Annamalai, K. Rajkumar, K. Vishal	Mechanical Engineering	Polymers and Polymer Composites	2021	0967-3911	https://journals.sagepub.com/home/PPC	https://journals.sagepub.com/doi/full/10.1177/09673911211046780	Yes
1617	Process optimization and removal of phenol formaldehyde resin coating using mechanical erosion process	P. Sabarinathan, V.E. Annamalai, K. Vishal, M.S. Nitin, V. Dhinakaran	Mechanical Engineering	Progress in Rubber, Plastics and Recycling Technology	2022	1477-7606	https://journals.sagepub.com/home/PRP	https://journals.sagepub.com/doi/abs/10.1177/14777606211066316	Yes
1618	Thermal cycles and their effects during friction stir welding of AA7075 thicker plates with and without in-process cooling	2. T Srinivasa Rao, M Selvaraj, SR Koteswara Rao, T Ramakrishna	Mechanical Engineering	Materials science & Engineering Technology	2021	1521-4052	https://onlinelibrary.wiley.com/journal/15214052	https://onlinelibrary.wiley.com/doi/abs/10.1002/mawe.202000169	Yes
1619	Product development, simulation and experimental testing on achieving artificial mobility using Jansen's linkage,	Alphin M S and Monish Manoj	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/050005/780353/Product-development-simulation-and-experimental?redirectedFrom=fulltext	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
1620	Experimental study on surface grinding of Titanium 3Al-2.5V using SiC wheel	K. Jayakumar, Santhana Krishnan K, Santhosh Saran J, K. Sanjeet Choudhary	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/040003/780394/Experimental-study-on-surface-grinding-of-Titanium?redirectedFrom=fulltext	Yes
1621	Corrosion behaviour of friction stir welded rare earth magnesium alloy ZE41 under salt spray test	N. Sivashanmugam, K. L. Harikrishna, S. R. Koteswara Rao	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://doi.org/10.1063/5.0068221	Yes
1622	Performance assessment of a solar PV based thermoelectric cooling system	M. Suresh, A. Kavinaya	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/050009/780140/Performance-assessment-of-a-solar-PV-based?redirectedFrom=PDF	Yes
1623	Effect of nanofillers on vibrational behavior of epoxy impregnated glass fibre/neoprene hybrid composite	M. Selvaraj; M. M. Metro	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/020009/780408/Effect-of-nanofillers-on-vibrational-behavior-of?redirectedFrom=PDF	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
1624	Experimental analysis for obtaining curved and flat surface casting product by employing sand casting method	N. Manojkrishna; M. Selvaraj	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/040007/780391/Experimental-analysis-for-obtaining-curved-and?redirectedFrom=PDF	Yes
1625	Comparison the turning performance of Ti-6Al-4V, Monel 400 and Inconel 600 alloy with carbide insert	M. Dhananchezian	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/040001/780292/Comparison-of-the-turning-performance-of-Ti-6Al-4V?redirectedFrom=PDF	Yes
1626	Prediction of optimal process parameters for precision parts of phosphor bronze in high speed milling	N. Sivashanmugam, K. L. Harikrishna, G. Kalusuraman	Mechanical Engineering	AIP Conference Proceedings	2021	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2395/1/040009/780319/Prediction-of-optimal-process-parameters-for?redirectedFrom=fulltext	Yes
1627	Comparative Machining characteristics studies on SS 304 using coated and uncoated brass wire through Wire EDM	T. Suresh, Dr. K. Jayakumar, Dr. G. Selvakumar, S. Ram Prakash	Mechanical Engineering	La Metallurgia Italiana/Metallurgia Italiana	2021	0026-0843	https://www.aimnet.it/eng/rivista.php	http://www.aimnet.it/la_metallurgia_italiana/2021/maggio/suresh.pdf	Yes

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1628	Effect of friction time on tensile strength and metallurgical properties of friction welded dissimilar aluminum alloy joints	M. Bakkiyaraj, A. K. Lakshminarayanan, S. Yuvaraj and P. K. Nagarajan	Mechanical Engineering	Materials Testing	2021	2195-8572	https://www.degruyter.com/journal/key/mt/html	https://www.degruyter.com/document/doi/10.1515/mt-2021-0049/html?lang=en	Yes
1629	Numerical and experimental ballistic performance of welded magnesium (AZ31B) plates	Suresh Kumar S, Dharani Kumar S.	Mechanical Engineering	Emerging Materials Research	2020	2046-0147	https://www.icevirtuallibrary.com/toc/jemmr/current	https://www.icevirtuallibrary.com/doi/abs/10.1680/jemmr.19.00159	Yes
1630	Impact of cutting parameters on machining of Ti-6Al-4V alloy: An Experimental and FEM approach	Gobivel K, Vijay Sekar KS, Prabhakaran G	Mechanical Engineering	International Journal for Simulation and Multidisciplinary Design Optimization	2021	1779-6288	https://www.ijsmdo.org/articles/smdo/abs/2021/01/smdo210035/smdo210035.html	https://www.ijsmdo.org/articles/smdo/full.html/2021/01/smdo210035/smdo210035.html	Yes
1631	Biomechanical Response of the Human Foot Model Exposed to Vibrations: A Finite Element Analysis	M. S. Alphin, J. Paul Chandra Kumar, and B. Jain A. R. Tony,	Mechanical Engineering	J. Biomater. Tissue Eng.	2021	2157-9083	https://www.ingentaconnect.com/content/asp/jbte	https://www.ingentaconnect.com/content/asp/jbte/2021/0000011/00000011/article00002;jsessionid=334hmipnleci0.x-ic-live-03	Yes
1632	Study on the Mechanical properties of INCONEL 625 Alloy in the Cast and Extruded conditions,	D. Ananthapadmanaban, J. Praveen, T.R. Vijayaram, M.P. Natarajan and M. Ramarao.	Mechanical Engineering	Int. J. Vehicle Structures & Systems	2022	0975-3060	https://www.i-scholar.in/index.php/IJVSS	https://www.proquest.com/openview/6b1e37b5b708a7b08101501585763805/1?pq-origsite=gscholar&cbl=60382	Yes
1633	Quenching of EN-8 Medium Carbon Steel in Salt Bath of Different Concentrations	T.R. Vijayaram, M.P. Natarajan, M. Ramarao, D. Ananthapadmanaban and A. Gopinath	Mechanical Engineering	Int. J. Vehicle Structures & Systems,	2022	0975-3060	https://www.i-scholar.in/index.php/IJVSS	https://www.i-scholar.in/index.php/IJVSS	Yes

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1634	Nanometer-Scale Mechanical Properties of MWCNT-Mustard Oil Nanofluid as a Potential Base Stoke	V. Vignesh, S. Vijayan and G. Selvakumar	Mechanical Engineering	Journal of Chilean Chemical Society	2021	0717-9707	https://www.icchems.com/index.php/JCCHEMS	https://www.icchems.com/index.php/JCCHEMS/article/view/1586	Yes
1635	Python inspired Artificial Neural Networks Modeling in Drilling of Glass-Hemp-Flax Fiber Composites	R Vimal Sam Singh, Achyuth Ramachandran, Anirudh Selvam, Karthick Subramanian	Mechanical Engineering	FME Transactions	2021	1451-2092	https://www.mas.bg.ac.rs/istrazivanje/fme/start	https://www.mas.bg.ac.rs/media/istrazivanje/fme/vol49/2/17_r.achyuth_et_al.pdf	Yes
1636	Optimization of Process Control Parameters for WEDM of Al-LM25/Fly Ash/B4C Hybrid Composites Using Evolutionary Algorithms: A Comparative Study	Lenin N, Sivakumar M, Selvakumar G, Rajamani D, Sivalingam V, Gupta M K, Mikolajczyk T and Pimenov D Y	Mechanical Engineering	Metals	2021	2075-4701	https://www.mdpi.com/journal/metals	https://www.mdpi.com/2075-4701/11/7/1105	Yes
1637	Experimental investigations and finite element analysis of milling of Inconel 718 alloy	Akhil C Kuriakose, R. Balakrishnan, Harsh Vardhan, K.S. Vijay Sekar	Mechanical Engineering	International Journal for Simulation and Multidisciplinary Design Optimization - IJSMDO	2021	1779-627X	https://www.researchgate.net/journal/International-Journal-for-Simulation-and-Multidisciplinary-Design-Optimization-1779-6288	https://www.researchgate.net/publication/354727274_Experimental_investigations_and_finite_element_analysis_of_milling_of_Inconel_718_alloy	Yes
1638	Failure investigation on high velocity impact deformation of boron carbide (B4C) reinforced fiber metal laminates of titanium/glass fiber reinforced polymer	Suresh Kumar S, Shankar PA, Kumar K Lalith Kumar	Mechanical Engineering	Defence Technology	2021	2214-9147	https://www.sciencedirect.com/journal/defence-technology	https://www.sciencedirect.com/science/article/pii/S2214914721000684	Yes

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1639	Integration of artificial neural network, multi-objective genetic algorithm and phenomenological combustion modelling for effective operation of biodiesel blends in an automotive engine	S Rajkumar, Arnab Das, J Thangaraja	Mechanical Engineering	Energy, Elsevier	2021	0360-5442	https://www.sciencedirect.com/journal/energy	https://www.sciencedirect.com/science/article/abs/pii/S036054422102137X	Yes
1640	Stress corrosion cracking failure of friction stir welded nuclear grade austenitic stainless steel,	R. Rajasekaran, A.K. Lakshminarayanan, R. Damodaram, V. Balasubramanian	Mechanical Engineering	Engineering Failure Analysis	2021	1350-6307	https://www.sciencedirect.com/journal/engineering-failure-analysis	https://www.sciencedirect.com/science/article/pii/S1350630720315363	Yes
1641	Performance and emission analysis on the effect of exhaust gas recirculation in a tractor diesel engine using pine oil and soapnut oil methyl ester	V. Venkatesan, N. Nallusamy and P. Nagapandiselvi,	Mechanical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S001623612033074X	Yes
1642	TiO2-carbon nanotubes composite supported MnOx-CuO catalyst for low-temperature NH3-SCR of NO: Investigation of SO2 and H2O tolerance	S. Raja, M.S. Alphin, L. Sivachandiran, Pratchi Singh, Devaiah Damma, Panagiotis G. Smirniotis	Mechanical Engineering	Fuel	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236121017634	Yes
1643	Experimental and modeling analysis of multiple-injection strategies with B20 operation in a CRDI engine.	Nivin Chacko, Sundararajan Rajkumar, Jeyaseelan Thangaraja	Mechanical Engineering	FUEL, Elsevier	2021	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/abs/pii/S0016236121003094	Yes
1644	Hot deformation characteristics of NiTiV shape memory alloy and modeling using constitutive equations and artificial neural networks	Santosh. S, Sampath. V, Mouliswar .R. R	Mechanical Engineering	Journal of Alloys and Compounds	2021	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838821048611	Yes

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1645	Decisive influence of critical process parameters on the microstructure and tensile properties of friction stir back extruded magnesium alloy tubes	A.K. Lakshminarayanan, S. Ramachandran, B. Rajabharathi , W. Mirihanage	Mechanical Engineering	Journal of Manufacturing Processes	2021	1526-6125	https://www.sciencedirect.com/journal/journal-of-manufacturing-processes	https://www.sciencedirect.com/science/article/pii/S1526612521008112	Yes
1646	Influence of CeO ₂ reinforcement on microstructure, mechanical and wear behaviour of AA2219 squeeze cast composites	A. Karthik , S.A. Srinivasan , R. Karunanithi , S.P. Kumaresh Babu , Vikram Kumar S. Jain	Mechanical Engineering	Journal of Materials Research and Technology	2021	2238-7854	https://www.sciencedirect.com/journal/journal-of-materials-research-and-technology	https://www.sciencedirect.com/science/article/pii/S2238785421006116	Yes
1647	Beneficial effect of CeO ₂ on the corrosion behaviour of AA2219 squeeze cast composites – An experimental investigation	A. Karthik, R. Karunanithi, S.A. Srinivasan, S.P. Kumaresh babu, R. Narayanan	Mechanical Engineering	Materials Letters	2021	0167-577X	https://www.sciencedirect.com/journal/materials-letters	https://www.sciencedirect.com/science/article/abs/pii/S0167577X21006339	Yes
1648	Microstructure and mechanical properties of AZ91D/Al ₂ O ₃ bimodal composite fabricated through stir-ultrasonic-squeeze casting process.	K.T. Sunu Surendran, A. Gnanavelbabu, K. Rajkumar,	Mechanical Engineering	Materials Today: Proceedings,	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320398874	Yes
1649	Effect of TiB ₂ particles on high temperature wear and friction behaviour of AA7075 composites fabricated through squeeze cast technique.	P. Loganathan, A. Gnanavelbabu, K. Rajkumar,	Mechanical Engineering	Materials Today: Proceedings,	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320401476	Yes
1650	Investigation on mechanical and wear behaviour of AA2024/hBN composites synthesized via powder metallurgy routine.	P. Loganathan, A. Gnanavelbabu, K. Rajkumar,	Mechanical Engineering	Materials Today: Proceedings,	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320402202	Yes

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1651	Wear behavior of Ni-P and Al ₂ O ₃ electroless nano coating on aluminium alloy	Arun Arumugam , Poovazhagan Lakshmanan, Sarangapani Palani, K. Parthiban	Mechanical Engineering	Material Today Proceedings: Elsevier	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785321005162	Yes
1652	Integration of internet of things and drones and its future applications	S.Anush Lakshman and D.Ebenezer	Mechanical Engineering	Materials today proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785321036154	Yes
1653	Mechanical characterization and comparison of glass fibre and glass fibre reinforced with aluminium alloy (GFRAA) for automotive application	Raghav Arvind T, Roshann Ram Dayal D, KL. HariKrishna, Survesh S.	Mechanical Engineering	Materials Today Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785321011226	Yes
1654	Experimental investigations of material removal rate on Mg/SiCp-flyash hybrid metal matrix composites by electrical discharge machining	Poovazhagan Lakshmanan, G. Kumanan , L. Arunkumar , S.C. Amith	Mechanical Engineering	Materials Today Proceedings: Elsevier	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785321001784	Yes
1655	Electroless deposition of SiC Nano Coating on Aluminium alloy and evaluation of wear resistance and electroless characteristics	K. Parthiban , Poovazhagan Lakshmanan, Sarangapani Palani , Arun Arumugam	Mechanical Engineering	Materials Today Proceedings: Elsevier	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785321005332	Yes
1656	Mechanical Properties of magnesium hybrid composite reinforced with Al ₂ O ₃ and MoS ₂ particles through PM route	M. Thomas Victor, G. Selvakumar, S.Surendarnath, and P.Ravindran	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.science-direct.com/science/article/abs/pii/S2214785320361162	Yes

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1657	Decision making approach for assessing the suitable hybrid renewable energy based microgrid system for rural electrification in India	Sweta Singh, Neeraj Kanwar, Divya Zindani, Vinay Kumar Jadoun	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321030935	Yes
1658	Optimization of ultrasonic machining (USM) parameters on micro hole drilling of graphene oxide/pineapple leaf filler reinforced epoxy hybrid composite using evaluation based on distance from average solution (EDAS) method	Angkan Bania, Divya Zindani, Saikat Ranjan Maity	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321039936	Yes
1659	Analyzing the dimensional deviation in wire cut electric discharge machining of nickel aluminium bronze using molybdenum wire electrode	Poovazhagan Lakshmanan , Arun Arumugam , Sarangapani Palani , S. Kulothungan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321003138	Yes
1660	Influence of process parameters on the machinability of nickel aluminum bronze alloy by electrochemical micromachining process – A desirability analysis approach	Sarangapani Palani , Poovazhagan Lakshmanan , G. Kumanan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321003163	Yes
1661	Experimental investigations of suitability of electrolyte solutions for anodic dissolution of nickel aluminum bronze	Sarangapani Palani , Poovazhagan Lakshmanan , Arun Arumugam , S. Kulothungan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321001371	Yes

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1662	Influence of variation in cutting velocity on temperature, surface finish, chip form and insert after dry turning Inconel 600 with TiAlN carbide insert	M. Dhananchezian	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321022793	Yes
1663	Experimental investigation on dry turned Monel 400 alloy surface parameters with uncoated and coated tool	M. Dhananchezian	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321022938	Yes
1664	Experimental investigation of machining conditions on Surface Roughness in WEDM of Aluminum hybrid composite by RSM	Nelaturu SaiPreetham, A.Muniappan, K.S.Jayakumar, T.Maridurai	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/pii/S2214785321051877	Yes
1665	Determination of Vibration Analysis in single and double cracked Cantilever Numerical Beam	Mohanraj M, Pandiyarajan R, K.S. Jayakumar, Antony Prabu, S. Sabarish, T. Sankaralingam	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321060570	Yes
1666	Material Characterization of GFRP by Ultrasonics	Arun Prakash C, Gautam R, Naveed Ahamed H, Pranav S	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322021514	Yes
1667	Implementation of precision manufacturing control for processing of sheet metal	Vishnu A Sujeesh, Arun Prakash C, Raja Natarajan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322024774	Yes
1668	Microstructure and mechanical behavior of magnesium rare earth alloy nanocomposite fabricated by hybrid casting method	S.C. Amith, Poovazhagan Lakshmanan, M. Anand Kumar, Gowtham Kumarasamy	Mechanical Engineering	Materials Today: Proceedings Elsevier	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532100300X	Yes

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1669	A critical review of recent advancements in continuous flow reactors and prominent integrated microreactors for biodiesel production	Gopi R, Vinoth Thangarasu, Angkayarkan Vinayakaselvi M, Anand Ramanathan	Mechanical Engineering	Renewable and Sustainable Energy Reviews	2021	1364-0321	https://www.sciencedirect.com/journal/renewable-and-sustainable-energy-reviews	https://www.sciencedirect.com/science/article/abs/pii/S13640321011369	Yes
1670	Friction surfacing: A tool for surface crack repair	R. Damodaram, Pranav Rai, Cyril Joseph Daniel, Ranjit Bhauri, Devinder Yadav	Mechanical Engineering	Surface & Coating Technology	2021	0257-8972	https://www.sciencedirect.com/journal/surface-and-coatings-technology	https://www.sciencedirect.com/science/article/abs/pii/S0257897221006563	Yes
1671	Effect of heat treatment conditions on ballistic behaviour of various zones of friction stir welded magnesium alloy joints.	Suresh Kumar S, Dharani Kumar S.	Mechanical Engineering	Transactions of Nonferrous Metals Society of China.	2021	1003-6326	https://www.sciencedirect.com/journal/transactions-of-nonferrous-metals-society-of-china	https://www.sciencedirect.com/science/article/pii/S100363262065484X	Yes
1672	Wear and tribofilm characterization of bamboo CNT (b-CNT)-peek composite with incremental blending of submicron synthetic diamond particles	K.Vishal, K. Rajkumar, V.E. Annamalai	Mechanical Engineering	Wear	2021	0043-1648	https://www.sciencedirect.com/journal/wear	https://www.sciencedirect.com/science/article/pii/S0043164820310152	Yes
1673	Application of Imaging Techniques to Determine the Post-Yield Behaviour of the Heterogeneous Microstructure of Friction Stir Welds	S. Ramachandran, A. K. Lakshminarayanan, P. A. S. Reed, J. M. Dulieu-Barton	Mechanical Engineering	Experimental Mechanics	2021	0014-4851	https://www.springer.com/journal/11340	https://link.springer.com/article/10.1007/s11340-021-00722-9	Yes
1674	Application of Imaging Techniques to Determine the Post-Yield Behaviour of the Heterogeneous Microstructure of Friction Stir Welds	S. Ramachandran · A. K. Lakshminarayanan · P. A. S. Reed · J. M. Dulieu-Barton	Mechanical Engineering	Experimental Mechanics	2021	0014-4851	https://www.springer.com/journal/11340	https://link.springer.com/article/10.1007/s11340-021-00722-9	Yes

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1675	Impression Creep Behavior of an Mg–Zn–RE Alloy at Elevated Temperatures	D. Ebenezer & S. R. Koteswara Rao	Mechanical Engineering	Metallurgical and Materials Transactions A	2022	1073-5623	https://www.springer.com/journal/11661	https://link.springer.com/article/10.1007/s11661-021-06551-8	Yes
1676	Studies on High Temperature Wear and Friction Behaviour of AA6061/B4C/hBN Hybrid Composites	S. Ayyanar, A. Gnanavelbabu, K. Rajkumar, P. Loganathan,	Mechanical Engineering	Metals and Materials International	2021	1598-9623	https://www.springer.com/journal/12540	https://link.springer.com/article/10.1007/s12540-020-00710-z	Yes
1677	A Novel Approach on Reusing Silicon Wafer Kerf Particle as Potential Filler Material in Polymer Composite	K. M. Nambiraj & K. Rajkumar & P. Sabarinathan	Mechanical Engineering	Silicon	2021	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-021-00951-6	Yes
1678	Effect of Recovered Silicon Filler Inclusion on Mechanical and Tribological Properties of Polytetrafluoroethylene (PTFE) Composite	K. Vishal, K. Rajkumar & P. Sabarinathan	Mechanical Engineering	Silicon	2021	1876-990X	https://www.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-021-01250-w	Yes
1679	Influence of Friction Stir Welding Parameters on Dissimilar Joints AA6061-T6 and AA5052-H32	S. Balamurugan, Dr. K. Jayakumar and Dr. K. Subbaiah	Mechanical Engineering	Arabian Journal for Science and Engineering	2021	2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05773-z	Yes
1680	Process Parameters Effect Investigations on Viscosity of Water-ethylene Glycol-based α -alumina Nanofluids: An Ultrasonic Experimental and Statistical Approach	R. Prakash, L. Chilambarasan and K. Rajkumar	Mechanical Engineering	Arabian Journal for Science and Engineering	2021	2193-567X	https://www.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-021-05790-6	Yes
1681	Laser Surface Texturing on Nickel-Aluminium-Bronze Alloy for Improving the Hydrophobicity	V Ezhilmaran, R Damodaram	Mechanical Engineering	Lasers in Manufacturing and Materials Processing	2021	2196-7229	https://www.springer.com/journal/40516	https://link.springer.com/article/10.1007/s40516-020-00133-z	Yes

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1682	Validating the potential of centralized holes to enhance the compressive response of Mg-, Al-, Fe-Based commercial alloys	Vijayaraghavan Azhagiyamanavalan, Anirudh Venkatraman Krishnan, C. Y. H. Lim, Manoj Gupta	Mechanical Engineering	MRS Communications	2021	2159-6867	https://www.springer.com/journal/43579	https://link.springer.com/article/10.1557/s43579-021-00122-z	Yes
1683	Friction and Wear Study of Laser Surface Textured Ti-6Al-4V Against Cast Iron and Stainless Steel Using Pin-on-Disc Tribometer	N. Sankara Manikandan, M. Prem Ananth, L. Poovazhagan, B. Sudarsan, and A. Vishnuvarthan	Mechanical Engineering	Lecture notes in mechanical engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_71	Yes
1684	Investigation on Mechanical Behaviour of Kenaf Fabric/Bio-Epoxy/Egg-Shell Powder Reinforced Composites for Medical Applications	M. Nalla Mohamed and G. VR. Sakthivel	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2021	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-16-4222-7_65	Yes
1685	Effect of Wall Thickness Variation on the Energy Absorption Efficiency of Cylindrical Tubes Under Axial Loading	M. Nalla Mohamed	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2021	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-16-4222-7_66	Yes
1686	Characterizing the Tensile Deformation Behavior of Friction Stir Welded Dissimilar Joints Using Acoustic Emission Technique	A. Venkatakrishna, A. K. Lakshminarayanan, K. Radhika, and R. Rajasekaran	Mechanical Engineering	Lecture notes in mechanical engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_68	Yes
1687	Study of Infrared Thermography on Tensile Behavior of Laser Beam Welded 316LN Austenitic Stainless Steel	R. Rajasekaran, A. K. Lakshminarayanan, A. Venkatakrishna, and K. Radhika	Mechanical Engineering	Lecture notes in mechanical engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_69	Yes
1688	Investigation on the Effect of Patterned Holes on Energy Absorption Characteristics of Aluminium Square Tubes	M. Nalla Mohamed and R. Sivaprasad	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2021	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-16-4222-7_68	Yes

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1689	Experimental Investigation on Adhesive Bonded Fold Tubes Under Quasi-Static Loading	M. Nalla Mohamed and R. Sivaprasad	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2021	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-16-4222-7_73	Yes
1690	Numerical Crashworthiness Investigation of Multi-Section Tubes	M. Nalla Mohamed and R. Sivaprasad	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2021	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-16-4222-7_74	Yes
1691	Design, Analysis and Fabrication of Semi-automatic Trash Masher	S. C. Sakthi Vigneshwaran and C Arun Prakash	Mechanical Engineering	Lecture Notes in mechanical engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-8704-7_37	Yes
1692	Experimental ballistic performance of friction stir processed aluminum (AA6061-B4C) surface composite.	U. Magarajan and S. Suresh Kumar	Mechanical Engineering	Mechanics Based Design of Structures and Machines	2021	1539-7734	https://www.tandfonline.com/journals/lmbd20	https://www.tandfonline.com/doi/abs/10.1080/15397734.2021.1913419?journalCode=lmbd20	Yes
1693	Abrasive water jet machining on Ti metalinterleaved basalt-flax fiber laminate	M. Rajesh , K. Rajkumar & V. E Annamalai	Mechanical Engineering	Materials and Manufacturing Processes	2021	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1832692?journalCode=lmmp20	Yes
1694	Wire-EDM machinability investigation on quaternary Ni44Ti50Cu4Zr2 shape memory alloy	C. Balasubramaniyan, K. Rajkumar & Santosh S	Mechanical Engineering	Materials and Manufacturing Processes	2021	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.1905833?journalCode=lmmp20	Yes
1695	Spark plasma processing of semi-conductive titanium carbide dispersed alumina composites	S. Ram Prakash, G. Selvakumar and K Rajkumar	Mechanical Engineering	Materials and Manufacturing Processes	2021	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.1944196?journalCode=lmmp20	Yes
1696	Tungsten inert gas welding of two aluminum alloys using filler rods containing scandium: the role of process parameters.	S. Senthur Vaishnavan and Dr. K. Jayakumar,	Mechanical Engineering	Materials and Manufacturing Processes	2021	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.1948055	Yes

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1697	Fiber laser microcutting on duplex steel: parameter optimization by TOPSIS	C Gopinath, Poovazhagan Lakshmanan, and Sarangapani Palani	Mechanical Engineering	MATERIALS AND MANUFACTURING PROCESSES	2021	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2021.1981939?journalCode=lmmp20	Yes
1698	Performance analysis of TIG welded dissimilar aluminium alloy with scandium added ER5356 filler rods	S. Senthur Vaishnavan and K. Jayakumar	Mechanical Engineering	Journal of The Chinese Institute of Engineers	2021	0253-3839	https://www.tandfonline.com/journals/tcie20	https://www.tandfonline.com/doi/abs/10.1080/02533839.2021.1940298?journalCode=tcie20	Yes
1699	Influence of scandium on aa5052-h32/aa5083-h111 tig welded joint	Antony prabu D, Jayakumar K.S, Vimal Singh. R	Mechanical Engineering	Journal of the Chinese Institute of Engineers	2021	0253-3839	https://www.tandfonline.com/journals/tcie20	https://www.tandfonline.com/doi/abs/10.1080/02533839.2022.2034048?journalCode=tcie20	Yes
1700	Mechanical, Microstructure and Wear properties of Al 6113 Fly Ash reinforced Composites: Comparison of as-cast and Heat-treated Conditions	Vinayaka N, Avinash L, Manjunath Patel GC, Chithirai Pon Selvan, Vikram Kumar S Jain, S. A. Srinivasan & Harsha hm	Mechanical Engineering	Advances in Materials and Processing Technologies	2021	2374-068X	https://www.tandfonline.com/journals/tmpt20	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2021.1927649?src=&journalCode=tmpt20	Yes
1701	Parametric analysis of thermal behavior of the building with phase change materials for passive cooling	SURULIVEL RAJAN T, GEETHA N.B and S. RAJKUMAR	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021	1556-7036	https://www.tandfonline.com/journals/ueso20	https://www.tandfonline.com/doi/abs/10.1080/15567036.2021.1910752?journalCode=ueso20	Yes
1702	Experimental Investigations for Thermal Energy Management by Encapsulation of Nano - Enhanced Bio Phase Change Material in Buildings	Ashok V, Geetha N.B., Rajkumar S & Pauline T	Mechanical Engineering	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, Taylor and Francis.	2021	1556-7036	https://www.tandfonline.com/journals/ueso20	https://www.tandfonline.com/doi/full/10.1080/15567036.2021.1967517	Yes

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1703	Effect of bio-inspired surface pattern (Pangolin's scales) and grooved mechanisms on the high velocity ballistic performance of aluminum 6061-T6 targets	Suresh Kumar S, Pranaav Sankar, Rakesh Kumar J. & Vignesh Kumar S.	Mechanical Engineering	Mechanics of Advanced Materials and Structures	2021	1537-6494	https://www.tandfonline.com/journals/umcm20	https://www.tandfonline.com/doi/abs/10.1080/15376494.2021.1920072	Yes
1704	Design and Analysis of Pick And Place Robot For Colour Based Sorting Applications	Pranav Shankar, Vimalaewar Babureddy, S. C. Sakthi Vigneshwaran, and C. Arun Prakash	Mechanical Engineering	AIP Conference Proceedings	2020	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2247/1/020025/1000994/Design-and-analysis-of-pick-and-place-robot-for	Yes
1705	Experimental Characterization of Dimensional and Surface Alternation of Straight and Angular Cutting on Self Lubricating Composite: A Wire EDM - Approach	A. Gnanavelbabu, K. Rajkumar	Mechanical Engineering	Arabian Journal for Science and Engineering	2020	2193-567X	https://link.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-020-04596-2	Yes
1706	Production of Micro-holes on Duplex Stainless Steel 2205 by Electrochemical Micromachining – A Grey RSM Approach	Gopinath.C, Poovazhagan Lakshmanan, Amith S.C	Mechanical Engineering	Arabian journal for science and engineering (Springer)	2020	2193-567X	https://link.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-020-05277-w	Yes
1707	Electrochemical Micromachining of Hastelloy C276 by Different Electrolyte Solutions	Gowtham Kumarasamy, Poovazhagan Lakshmanan, Geethapriyan Thangamani	Mechanical Engineering	Arabian Journal for Science and Engineering, Springer	2020	2193-567X	https://link.springer.com/journal/13369	https://link.springer.com/article/10.1007/s13369-020-05032-1	Yes
1708	Evaluation of the mechanical and electrical properties of spark plasma sintered titanium carbide reinforced alumina ceramic composite	G. Selvakumar, S. Ram Prakash, and K. Rajkumar.	Mechanical Engineering	Archives of Metallurgy and Materials	2020	2300-1909	https://journals.pan.pl/amm/136392	https://journals.pan.pl/dlibra/publication/136387/edition/119260/content	Yes

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1709	An application of Taguchi method for fabrication factors optimisation of banyan aerial root fibre reinforced polymer composite	Milon Selvam Dennison Rajasekaran R	Mechanical Engineering	Australian Journal of Mechanical Engineering	2020	1448-4846	https://www.tandfonline.com/journals/tmec20	https://www.tandfonline.com/doi/abs/10.1080/14484846.2020.1832728	Yes
1710	Taguchi optimization of minimum quantity lubrication turning of AISI-4320 steel using biochar nanofluid	K. Jagatheesan, K. Babu	Mechanical Engineering	Biomass Conversion and Biorefinery	2020	2190-6815	https://link.springer.com/journal/13399	https://link.springer.com/article/10.1007/s13399-020-01111-3	Yes
1711	Promotional effects of modified TiO ₂ and Carbon supported V ₂ O ₅ and MnO _x based Catalysts for selective catalytic reduction of NO _x : A Review	S. Raja, M.S. Alphin, L. Sivachandiran	Mechanical Engineering	Catalysis Science & Technology	2020	2044-4761	https://pubs.rsc.org/en/journals/journalissues/cy	https://pubs.rsc.org/en/content/articlelanding/2020/cy/d0cy01348j/unauth	Yes
1712	Process optimization for recovery of fiber backing from coated abrasive discs	Sabarinathan P, Annamalai VE, Balakrishnan R and Akhil C Kuriakose.	Mechanical Engineering	Chemical Engineering Communication,	2020	0098-6445	https://www.tandfonline.com/journals/gcec20	https://www.tandfonline.com/doi/abs/10.1080/00986445.2020.1758677	Yes
1713	Analytical Study on The Behaviour of Composite Space Truss Structures with Openings in A Concrete Slab	P. NAVEEN KUMAR, R. PRAKASH, Palanivelu SANGEETHA	Mechanical Engineering	CIVIL AND ENVIRONMENTAL ENGINEERING REPORTS	2020	2450-8594	https://www.ceer.com.pl/	https://www.ceer.com.pl/Analytical-Study-on-the-Behaviour-of-Composite-Space-Truss-Structures-with-Openings,167684,0,2.html	Yes
1714	Experimental investigation of minimum quantity lubrication effects in turning process with nano Fluids using AISI 4320	K. JAGATHEESAN, K. BABU	Mechanical Engineering	Digest Journal of Nanomaterials and Biostructures	2020	1842-3582	https://chalcogen.ro/index.php/journals/digest-journal-of-nanomaterials-and-biostructures	https://chalcogen.ro/809_JagatheesanK.pdf	Yes

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1715	Waste-to-Energy Approach for Utilizing Non-edible Soapnut Oil Methyl Ester as a Fuel in a Twin-Cylinder Agricultural Tractor Diesel Engine	V. Venkatesan N. Nallusamy P. Nagapandiselvi	Mechanical Engineering	Energy & Fuels, ACS Publications	2020	0887-0624	https://pubs.acs.org/journal/enfuem	https://pubs.acs.org/doi/abs/10.1021/acs.energyfuels.9b04184	Yes
1716	Stress Corrosion Cracking failure of friction stir welded nuclear grade austenitic stainless steel	R Rajasekaran, AK Lakshminarayanan, R Damodaram, V. Balasubramanian	Mechanical Engineering	Engineering Failure Analysis	2020	1350-6307	https://www.sciencedirect.com/journal/engineering-failure-analysis	https://www.sciencedirect.com/science/article/abs/pii/S1350630720315363	Yes
1717	Pine oil-soapnut oil methyl ester blends: A hybrid biofuel approach to completely eliminate the use of diesel in a twin cylinder off-road tractor diesel engine	V. Venkatesan, N. Nallusamy	Mechanical Engineering	Fuel	2020	2352-4847	https://www.sciencedirect.com/journal/fuel/vol/262/suppl/C	https://www.sciencedirect.com/science/article/abs/pii/S001623611931854X	Yes
1718	Mechanically Reconfigurable Frequency Selective Surface for RF Shielding in Indoor Wireless Environment	Sakthi Abirami B ; Esther Florence Sundarsingh ; Vimal Samsingh	Mechanical Engineering	IEEE Transactions on Electromagnetic Compatibility	2020	0018-9375	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=15	https://ieeexplore.ieee.org/abstract/document/9069480	Yes
1719	In-Vitro Degradation, Haemolysis and Cytotoxicity Study of Mg-0.4Ce/ZnO ₂ Nanocomposite	P. Meenachi, R. Subashini, A.K.Lakshminarayanan, M. Gupta	Mechanical Engineering	IET nanobiotechnology	2020	1751-8741	https://ietresearch.onlinelibrary.wiley.com/journal/1751875x	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/nbt2.12032	Yes
1720	Application of Artificial Immune System for Simultaneous Minimization of Multiple Objectives in Single Row Facility Layout Problems	N Lenin, M Sivakumar, K Jayakrishna and G Selvakumar	Mechanical Engineering	Int. J. of Industrial and Systems Engineering	2020	1748-5037	https://www.inderscienceonline.com/journal/ijise	https://www.inderscienceonline.com/doi/abs/10.1504/IJISE.2020.109119	Yes

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1721	Waste heat recovery through cascaded thermal energy storage system from a diesel engine exhaust gas	Cyril Joseph Daniel, Radhika Koganti Anish Mariadhas	Mechanical Engineering	International Journal of Ambient Energy	2020	0143-0750	https://www.tandfonline.com/journals/taen20	https://www.tandfonline.com/doi/abs/10.1080/01430750.2020.1768896	Yes
1722	Characterization on chemical and mechanical properties of silane treated fish tail palm fibres	P. Sabarinathan, K. Rajkumar, V.E. Annamalai, K. Vishal	Mechanical Engineering	International Journal of Biological Macromolecules	2020	0141-8130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules/articles-in-press	https://www.sciencedirect.com/science/article/pii/S0141813020345189	Yes
1723	Finishing performance of Die-sinking EDM with ultrasonic vibration and powder addition through pulse train studies	R Rajeswari, M S Shunmugam	Mechanical Engineering	International Journal of Machining science and Technology	2020	1091-0344	https://www.tandfonline.com/journals/lmst20	https://www.tandfonline.com/doi/abs/10.1080/10910344.2019.1636276	Yes
1724	Influence of target dynamics and number of impacts on ballistic performance of 6061-T6 and 7075-T6 aluminum alloy targets	Suresh Kumar Sundaram, Bharath A. G. Aravind B.	Mechanical Engineering	International Journal of Mechanics Based Design of Structures and Machines	2020	1539-7734	https://www.tandfonline.com/journals/lmbd20	https://www.tandfonline.com/doi/abs/10.1080/15397734.2020.1738245	Yes
1725	Experimental Ballistic Performance Determination of Friction Stir Welded Magnesium (AZ31B) Targets	S. Dharani Kumar, S. Suresh Kumar	Mechanical Engineering	International Journal of Mechanics Based Design of Structures and Machines	2020	1539-7734	https://www.tandfonline.com/journals/lmbd20	https://www.tandfonline.com/doi/full/10.1080/15397734.2020.1766491	Yes
1726	Investigation on Corner Accuracy in Wire Cut EDM of AISI D3 tool steel	G. Selvakumar, V. Balasubramanian and N Lenin	Mechanical Engineering	International Journal of Rapid Manufacturing	2020	1757-8817	https://www.inderscienceonline.com/doi/epdf/10.1504/IJRAPIDM.2020.104426	https://www.inderscienceonline.com/doi/abs/10.1504/IJRAPIDM.2020.104426	Yes

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1727	Application of principles of Artificial Intelligence in Mechanical Engineering	Anush Lakshman S and Ebenezer D	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/912/3/032075/meta	Yes
1728	Studies on the performance of 150 W solar photovoltaic module with evaporative cooling	M. Suresh and R. Shanmadhi	Mechanical Engineering	IOP Conference series: Material Science and Engineering	2020	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/912/4/042016/meta	Yes
1729	Heat and mass transfer studies in a finned tube heat exchanger employed with evaporative cooling technique	M. Suresh, S. Viveknath, B. Karthikayan, V. Krishnan and K. Sowmya	Mechanical Engineering	IOP Conference series: Material Science and Engineering	2020	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/912/4/042017/meta	Yes
1730	Experimental Investigation And Mechanism Analysis: Effect of Concentration and Temperature on The Viscosity of Novel Mwcnt-Mustard Oil Nanofluid	V. VIGNESH, S. VIJAYAN, G. SELVAKUMAR	Mechanical Engineering	J. Chil. Chem. Soc.,	2020	0717-9707	https://www.scielo.org/scielo.php?script=sci_serial&pid=0717-9707&lng=es&nr	https://www.scielo.org/scielo.php?pid=S0717-97072020000404948&script=sci_arttext&lng=en	Yes
1731	Sustainable application of grinding wheel waste as abrasive for abrasive water jet machining process	Sabarinathan P, Annamalai VE, Rajkumar K.,	Mechanical Engineering	Journal of cleaner production	2020	0959-6526	https://www.sciencedirect.com/journal/journal-of-cleaner-production	https://www.sciencedirect.com/science/article/abs/pii/S0959652620312725	Yes
1732	On the use of grains recovered from spent vitrified wheels in resinoid applications	Sabarinathan P, Annamalai VE, Kennedy AX	Mechanical Engineering	Journal of Material Cycles and Waste Management	2020	1438-4957	https://www.springer.com/journal/10163	https://link.springer.com/article/10.1007/s10163-019-00927-0	Yes
1733	Probing the Stress Corrosion Cracking Resistance of Laser Beam Welded AISI 316LN Austenitic Stainless Steel	R Rajasekaran, AK Lakshminarayanan	Mechanical Engineering	Journal of Mechanical Engineering Science	2020	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/0954406220965635	Yes

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1734	Systematic effects of Fe doping on the activity of V2O5/ TiO2-carbon nanotube catalyst for NH3-SCR of NOx	S. Raja & M. S. Alphin	Mechanical Engineering	Journal of Nanoparticle Research	2020	1388-0764	https://www.springer.com/journal/11051	https://link.springer.com/article/10.1007/s11051-020-04919-2	Yes
1735	Utilization of Taguchi Technique to enhance the Interlaminar shear strength of Wood dust filled Woven Jute Fiber Reinforced Polyester Composites in cryogenic environments	Velmurugan G and Babu K	Mechanical Engineering	Journal of Natural Fibres	2020	1544-0478	https://www.tandfonline.com/journals/wjnf20	https://www.tandfonline.com/doi/abs/10.1080/15440478.2020.1789021	Yes
1736	Simulation of L-4 lumbar spine model of motorist exposed to vibration from speed hump	B. Jain A R Tony, M.S. Alphin, G. Sri Krishnan	Mechanical Engineering	Journal of Orthopaedics 22 (2020) 390–396	2020	0972-978X	https://www.sciencedirect.com/journal/journal-of-orthopaedics	https://www.sciencedirect.com/science/article/abs/pii/S0972978X20302671	Yes
1737	Introducing new designs of minichannel cold plates for the cooling of Lithium-ion batteries	Amalesh T. and Lakshmi Narasimhan N.	Mechanical Engineering	Journal of Power Sources	2020	0378-7753	https://www.sciencedirect.com/journal/journal-of-power-sources	https://www.sciencedirect.com/science/article/abs/pii/S037877532031079X	Yes
1738	Analysis of Upper body Ergonomics parameters on commuter motorbike users	Jain ART, M. S. Alphin, Sri Krishna	Mechanical Engineering	Journal of Transport and Health, Elsevier	2020	2214-1405	https://www.sciencedirect.com/journal/journal-of-transport-and-health	https://www.sciencedirect.com/science/article/abs/pii/S2214140520300323	Yes
1739	Multi Response Optimization of Friction Stir Welding Process Parameters on Dissimilar Magnesium Alloys AZ 31 and ZM 21 using Taguchi-Based Grey Relation Analysis	S.Prasath, S.Vijayan and D.Elil raja	Mechanical Engineering	la metallurgia italiana	2020	0026-0843	https://www.aimnet.it/eng/rivista.php	http://www.aimnet.it/la_metallurgia_italiana/2020/lug-ago/prasath.pdf	Yes

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1740	Effect of GTA Welding Parameters on Bead Geometry of SAF2507 Super Duplex Stainless Steel	C.B.Sekar, S.Rajendra Boopathy , S.Vijayan , S.R. Koteswara Rao	Mechanical Engineering	la metallurgia italiana	2020	0026-0843	https://www.aimnet.it/eng/rivista.php	http://www.aimnet.it/la_metallurgia_italiana/2020/settembre/sekar.pdf	Yes
1741	Optimization of process parameters for EDM of Inconel alloy 625.	K. Jayakumar	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_77	Yes
1742	Quality assessment studies on AA7075 plate in rolling process	K. Jayakumar	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_55	Yes
1743	Comparative study of ball nose and flat end milling processes on A356 alloy/SiCp metal matrix composite	K. Jayakumar	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_43	Yes
1744	Desirability Approach Machining Study on Aluminum Composite Through Wire-Cut Electric Discharge Technique, Lecture Notes in Mechanical Engineering	K. Rajkumar , C. Balasubramanian, K. Ramraji , A. Gnanavelbabu , and P. Sabarinathan,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_3	Yes
1745	A Comparative Study on Abrasive Water Jet Machining Characteristics of Entry and Exit Layers of Glass and Basalt Woven Polymer Composites, Lecture Notes in Mechanical Engineering	K. Ramraji , K. Rajkumar , M. Rajesh, and A. Gnanavelbabu	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_4	Yes

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1746	Electrolyte and Machining Parameters Optimization of Wire Electrochemical Cutting of Aluminum/Titanium Diboride Composite	K. Rajkumar , M. Rajesh, K. Ramraji , P. Sabarinathan, and A. Gnanavelbabu,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_5	Yes
1747	Optimization of CO2 Laser Cutting Parameters for AA6061/B4C/hBN Hybrid Composites using Taguchi-based Response Surface Methodology	A. Gnanavelbabu, V. Arunachalam, K. T. Sunu Surendran, K. Rajkumar, and E. Anandhababu	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_11	Yes
1748	Optimization of Process Parameter in Abrasive Water Jet Machining of Blue-Fired Grain-Reinforced Glass Fiber Polymer Composite	Sabarinathan , V. E. Annamalai, and K. Rajkumar,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_20	Yes
1749	Tribological Properties of PEEK Reinforced with Synthetic Diamond Composite	K. Rajkumar , K. Vishal, and P. Sabarinathan	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_33	Yes
1750	A Feasibility Study on Microwave Joining of GFRP Composite Pipes with Interlayer Coupling Agents	K. Rajkumar, M. Dhananchezian, and S. Aravindan,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_38	Yes
1751	Study of Hexagonal Boron Nitride Particulate as Vibration Behaviour Modifier of Alternate Stacked Glass–Natural Fibre Polymer Composite Laminate	K. Rajkumar and M. Selvaraj,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_40	Yes

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1752	Study of Statistical Distribution and Morphology of Particles in a Polymer Matrix by Foldscope Imaging Technique,	P. Kaythry, A. Madhan, K. Rajkumar ,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_41	Yes
1753	Dynamic Mechanical Analysis of Flax Fiber Stacked Polyurethane Blend Epoxy Composites	K. Rajkumar , K. Ramraji , M. Rajesh , and Rajiv kumar,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_42	Yes
1754	Turning Process Characteristics of Aluminium Matrix HybridComposite Using Grey Relational Surface Methodology,	A. Gnanavelbabu, V. Arunachalam, K. T. Sunu Surendran, R. Saranraj, and K. Rajkumar,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_46	Yes
1755	Optimization of Laser Trepanning Parameters for Mild Steel by Taguchi Response Surface Methodology (T-RSM).,	A. Gnanavelbabu, V. Arunachalam, K. T. Sunu Surendran, V. Dharaniya, and K. Rajkumar,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_78	Yes
1756	In-pipe robot mechanisms – State of the art review	Arun. D, G. Satheesh Kumar	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_59	Yes
1757	Literature survey on Four Legged Robots	G. Satheesh Kumar, S Aravind, Subramanian R, Shashank K B, Ronak R M, Steve M R, Aditya B, Sriram M, Shri Hari K J, Nikhil J R	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_58	Yes
1758	Design and Analysis of a Novel Hybrid Car Bumper Using Non-Newtonian Fluid and High-Density Polyethylene	K. Praveen Jerish, J. Rakesh Kumar, R. Ramakrishnan, and K. S. Vijay Sekar	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_80	Yes

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1759	Investigations on the Cutting Quality of Interleaved Flax Fiber with Fly Ash-Reinforced Hybrid Polymer Composite	K. Ramraji, K. Rajkumar, M. Rajesh, and K. M. Nambiraj	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2662-3161	https://www.springer.com/series/16157	https://link.springer.com/chapter/10.1007/978-981-15-7827-4_42	Yes
1760	Evaluation of Surface Integrity of Multi-stacked Glass Interplyed with Flax Laminate by Abrasive Waterjet Machining	M. Rajesh, K. Rajkumar, K. M. Nambiraj, and K. Ramraji	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2662-3161	https://www.springer.com/series/16157	https://link.springer.com/chapter/10.1007/978-981-15-7827-4_58	Yes
1761	Effect of Solid Lubricant in Dry Machining on Al-B4C Composite	K. M. Nambiraj, K. Rajkumar, M. Rajesh, and A. Gnanavelbabu	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2662-3161	https://www.springer.com/series/16157	https://link.springer.com/chapter/10.1007/978-981-15-7827-4_60	Yes
1762	Comparison of energy absorption characteristics of the plain fold and spot welded fold tubes under three point bending	Nalla Mohamed.M, Sivaprasad.R	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_22	Yes
1763	An efficient energy absorber based on welded fold tubes for automotive applications, Lecture notes in mechanical engineering, Springer, 251-259	Nalla Mohamed.M, Sivaprasad.R	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_23	Yes
1764	Wire-Cut Electric Discharge Machining on Nickel–Aluminium–Bronze Using Brass Wire Electrode	Earnest Beni, Poovazhagan Lakshmanan, and S. C. Amith	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_7	Yes
1765	Friction and Wear Study of Laser Surface Textured Ti-6Al-4V Against Cast Iron and Stainless Steel Using Pin-on-Disc Tribometer	N. Sankara Manikandan, M. Prem Ananth, L. Poovazhagan, B. Sudarsan, and A. Vishnuvarthan	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_71	Yes

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1766	Static Deformation Analysis with and Without of Piezo-electric Material Attachment in Hydraulic Suspension System	Alphin M S, Shah, Nishanth P; Tony, B Jain AR	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_83	Yes
1767	Influence of Vibro-isolator Attachment for a Jackhammer to Reduce Vibration Discomfort	Alphin M S, B Jain AR;; Venkatesh, Visha	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_85	Yes
1768	Power Generation from Hydraulic Shock Absorber Using Piezoelectric Material	Alphin M S, Tony, B Jain AR;; Yeshwan	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_82	Yes
1769	Effect of input velocity on the output of vertical axis wind turbine	Sankgeeth VS, Shami Jose JS, Arun Prakash C, Anand Ronald B	Mechanical Engineering	Lecture notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_93	Yes
1770	Comparative Study of Friction Stir Welding and Underwater Friction Stir Welding on Magnesium ZE41 Alloy	S. Cyril Joseph Daniel & A.K. Lakshminarayanan	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_67	Yes
1771	Machining of ZE41 Magnesium Alloy in WEDM Using Taguchi Approach	G. Selvakumar, S. Ram Prakash and E. Caleb Kovilpillai	Mechanical Engineering	Lecture Notes in Mechanical Engineering,	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_66	Yes
1772	Study of Vibration and Tensile Characteristics of Multilayer Composites	D. Vishal, M. Selvaraj, and S. Vijayan	Mechanical Engineering	Lecture Notes in Mechanical Engineering,	2020	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4488-0_84	Yes
1773	Development of Prototype Variable Geometry In-Pipe Robot for Reconfigurable Applications	S. Pon Vignesh Pappu, M. Ajin, and Satheesh Kumar Gopal	Mechanical Engineering	Lecture Notes on Multidisciplinary Industrial Engineering	2020	2522-5022	https://www.springer.com/series/15734	https://link.springer.com/chapter/10.1007/978-981-32-9487-5_55	Yes

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1774	Investigation of monolayer coated WC inserts on turning Ti-alloy	Lakshmanan S, Pradeep Kumar M, Dhananchezian M and Yuvaraj N	Mechanical Engineering	Materials and Manufacturing Processes	2020	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1711930	Yes
1775	Experimental investigations of electrochemical micromachining of nickel aluminum bronze alloy	Sarangapani Palani , Poovazhagan Lakshmanan , and Rajkumar Kaliyamurthy	Mechanical Engineering	Materials and manufacturing processes	2020	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1813888?journalCode=lmmp20	Yes
1776	Abrasive water jet machining on Ti metal-interleaved basalt-flax fiber laminate.	M. Rajesh, K. Rajkumar, and V.E Annamalai	Mechanical Engineering	Materials and manufacturing processes	2020	1042-6914	https://www.tandfonline.com/journals/lmmp20	https://www.tandfonline.com/doi/abs/10.1080/10426914.2020.1832692	Yes
1777	Statistical analysis of mechanical properties of wood dust filled Jute fiber based hybrid composites under cryogenic atmosphere using Grey-Taguchi method	Velmurugan G and Babu K	Mechanical Engineering	Materials Research Express	2020	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab9ce9/meta	Yes
1778	Comparative study of solid lubricant type on the microstructure and mechanical behaviour of AA7075-zirconium boride aerospace composites.	P. Loganathan, A. Gnanavelbabu, K. Rajkumar, Ayyanar Subbiah, A	Mechanical Engineering	Materials Science and Engineering	2020	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/764/1/012001/meta	Yes
1779	Optimization of machining parameters in CNC turning of AA6061/B4C/CNT hybrid composites by Grey fuzzy method	A. Gnanavelbabu, V Arunachalam, K.T Sunu Surendran, K. Rajkumar,	Mechanical Engineering	Materials Science and Engineering	2020	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/764/1/012010	Yes
1780	Use of Friction Extrusion to Fabricate Magnesium Alloy Wires with Rare Earths from Machined Chips	A.K. Lakshminarayanan and K.S. Jayakumar	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.119	Yes

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1781	Turning Experiments on Al/B4C Metal Matrix Nanocomposites	Poovazhagan Lakshmanan	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.16	Yes
1782	Optimizing Ultrasonic Power on Fabricating Aluminum Nanocomposites Reinforced With Boron Carbide Nanoparticles	Poovazhagan Lakshmanan, Vijayananth.S, Sivaganesan.S	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.28	Yes
1783	Ultrasonication Assisted Fabrication of Aluminum and Magnesium Matrix Nanocomposites - A Review	K.Parthiban, L.Poovazhagan	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.63	Yes
1784	Review on accumulative roll bonding (ARB) techniques for improving the mechanical properties of multi-layered materials	Arun.A and Dr.L.Poovazhagan	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.84	Yes
1785	Influence of Friction Stir Welding Variants on Crashworthiness of Friction Stir Welded Aluminium Top Hat Sections	A. K. Lakshminarayanan, Cyril Joseph Daniel	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.97	Yes
1786	On the Local Constitutive Behavior of Friction Stir Welded AISI 304 Stainless Steel Joints	V. Karthik Srinivas, A.K. Lakshminarayanan	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.107	Yes
1787	Analysis of Tensile Deformation Behavior in Friction Stir Welded P91-316LN Dissimilar Joints Using Infrared Thermography	A. Venkatakrishna, A.K. Lakshminarayanan and M. Menaka	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.114	Yes

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1788	Use of Friction Extrusion to Fabricate Magnesium Alloy Wires with Rare Earths from Machined Chips	A.K. Lakshminarayanan and K.S. Jayakumar	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.119	Yes
1789	Fabrication and Numerical Analysis of Friction Stir Back Extruded Lightweight Magnesium Alloy Heat Pipes	Srivasupradha Ramesh, A.K. Lakshminarayanan, Yogesha Raghavan, Yashaswin Harathi	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.129	Yes
1790	On the Microstructure and Erosion Corrosion Behavior of Laser Processed Nickel Aluminium Bronze	A.K. Lakshminarayanan, S.R. Kotteswara Rao, K. Sridhar and A. Vignesh	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.157	Yes
1791	Mechanical Properties of AA 5754 Hybrid Metal Matrix Composite Fabricated through Rheo-Squeeze Casting	K. Sekar, K. Jayakumar	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.10	Yes
1792	Machining of TiB2-SiC Ceramic Composites through WEDM Process	K. Jayakumar	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.22	Yes
1793	Experimental Studies on the Effect of Drilling Parameters on Monel Alloy	K. Jayakumar, K. Akash Koundinya, T. Jayakumar, M. Harshal, G. Gopinath	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.137	Yes
1794	Experimental Investigations on Orthogonal Turning of Inconel 718 with TiAlN Coated Tool	K. Gobivel, K. S. Vijay Sekar, G. Prabhakaran, R. Sugini Elankavi	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.142	Yes
1795	Role of Overlap Ratio on the Microstructure of Friction Stir Multiseam Cladded Copper-Stainless Steel Lap Joints	A.K.Lakshminarayanan, KL. Harikrishna	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.102	Yes

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1796	Influence of Rare Earth Elements in Magnesium Alloy - A Mini Review	N. Sivashanmugam, KL. Harikrishna	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.162	Yes
1797	Microstructural Characteristics and Mechanical Behaviour of AA7075/TiB2 Composite	P. Loganathan, A. Gnanavelbabu, K. Rajkumar and S. Ayyanar	Mechanical Engineering	Materials Science Forum	2020	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.40	Yes
1798	Metallurgical Evaluation and Failure Analysis of Cracking in Wheel Rim SPFH590 Steel	V. Janarthanan, G. Selvakumar, S.Vijayan and M. Sumathi	Mechanical Engineering	Materials Testing	2020	2195-8572	https://www.degruyter.com/journal/key/mt/html	https://www.degruyter.com/document/doi/10.3139/120.111459/html	Yes
1799	Cryogenic turning of Hastelloy C-22	M. Dhananchezian and K.Rajkumar,	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320322239	Yes
1800	Comparative Study of Cutting Insert Wear and Roughness Parameter (Ra) while turning Nimonic 90 and Hastelloy C-276 by Coated Carbide Inserts	M. Dhananchezian and K.Rajkumar,	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320305897	Yes
1801	Analysis of Triangular WEDM Cut Corner Inaccuracy of Aluminium Composite Mold Material	K. Rajkumar,C. Balasubramaniyan, M. Dhananchezian and K. Ramraji,	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320305320	Yes
1802	Key Experimental Investigations of cutting dimensionality by Abrasive Water Jet Machining on Basalt Fiber /Fly ash Reinforced Polymer Composite	K. Ramraji, K. Rajkumar, M. Dhananchezian and P. Sabarinathan	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320305332	Yes

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1803	Accumulative roll bonding behavior of Al8011/SiC metal matrix nanocomposites	Poovazhagan Lakshmanan, S.C.Amith, Kumanan Ganesan	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320315704	Yes
1804	Investigations of tribological behavior of Al-Mg-Si/SiC nanocomposites by ultrasonic assisted casting method	Poovazhagan Lakshmanan, S.C.Amith	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320315777	Yes
1805	Study on preparation of Al – SiC metal matrix composites using powder metallurgy technique and its mechanical properties	K. Bravilin Jiju, G. Selvakumar and S. Ram Prakash	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320325803	Yes
1806	Experimental Investigation on the Mechanical and Stealth Behavior of CNT based Polymer Composites	Navneeth Venkatesan , Pranaav Sankar S , Saran Prasanth R R , Vimal Samsingh R	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S221478532034606X	Yes
1807	Utilization of waste tyre rubber and carbon black to develop a Neoprene rubber hybrid composite	P. Kaliyappan, M.Dhananchezian, K Rajkumar	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785319339938	Yes
1808	Validation of tensile strength of notched hybrid polymer composite using Whitney-Nusimer point stress model	K.Rajkumar, K.Ramraji, M.Manojkumar, A.Gnanavelbabu	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320303345	Yes
1809	Crack shape evolution and stress intensity factors for opposite surface cracks in aircraft shaft under tension and combined loading	S. Suresh Kumar , Arjun Shyam Sundar & R. Deepak	Mechanical Engineering	Mechanics Based Design of Structures and Machines An International Journal	2020	1539-7734	https://www.tandfonline.com/journals/lmbd20	https://www.tandfonline.com/doi/full/10.1080/15397734.2020.1854784	Yes

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1810	Experimental Investigation of Wire-EDM Machining of Low Conductive Al-SiC-TiC Metal Matrix Composite	Goutham Murari V.P. , Selvakumar G. and Chandrasekhara Sastry C.	Mechanical Engineering	Metals	2020	2075-4701	https://www.mdpi.com/journal/metals	https://www.mdpi.com/2075-4701/10/9/1188	Yes
1811	Performance enhancement studies on evaporative cooling using volumetric heat and mass transfer coefficients	V. Naveenprabhu and M. Suresh	Mechanical Engineering	Numerical Heat Transfer, Part-A: Applications	2020	1040-7782	https://www.tandfonline.com/journals/unht20	https://www.tandfonline.com/doi/abs/10.1080/10407782.2020.1793556	Yes
1812	Static and dynamic behavior of micrometric agro prunus amygdalus particulate distributed inter polymer layer-kenaf composite	Sabarinathan P, K. Rajkumar, V.E. Annamalai and K. Vishal	Mechanical Engineering	Polymer Composites,	2020	0272-8397	https://4spepublications.onlinelibrary.wiley.com/journal/15480569	https://4spepublications.onlinelibrary.wiley.com/doi/abs/10.1002/pc.25621	Yes
1813	Cooling of a lithium ion battery using phase change material with air/dielectric fluid media: A numerical study	T Amalesh, N Lakshmi Narasimhan	Mechanical Engineering	Proc. I MechE-Part-A, Journal of Power and Energy	2020	0954-4062	https://journals.sagepub.com/home/PIA	https://journals.sagepub.com/doi/abs/10.1177/0957650919859109	Yes
1814	An insight into the stress corrosion cracking resistance of friction stir processed and micro arc oxidation coated ZE41 grade magnesium alloy	K. Radhika, A. K. Lakshminarayanan	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of mechanical engineering science	2020	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/0954406220920315	Yes
1815	Mechanical and free vibration properties of skin and core designed basalt woven intertwined with flax layered polymeric laminates	K.Ramraji, K Rajkumar, P Sabarinathan	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2020	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/0954406220922257	Yes

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1816	Effect of ceramic particles reinforcement on the ballistic resistance of friction stir processed thick AA6061 surface composite targets	U Magarajan, S Suresh Kumar	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2020	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/abs/10.1177/0954406220954465	Yes
1817	Low temperature Selective catalytic reduction of NOx by NH3 over Cu modified V2O5/TiO2-carbon nanotube catalyst	Dr. M S Alphin & Raja S	Mechanical Engineering	Reaction Kinetics, Mechanisms and Catalysis : International journal	2020	1878-5190	https://link.springer.com/journal/11144	https://link.springer.com/article/10.1007/s11144-020-01735-6	Yes
1818	Removal of Aluminosilicate Bond and Process Optimization on Recovery of Sol Gel Alumina Abrasive Grain from Abrasive Industry Waste	Sabarinathan P, Annamalai VE	Mechanical Engineering	Silicon	2020	1876-990X	https://link.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00466-6	Yes
1819	Low Velocity Impact, Fatigue and Visco-elastic Behaviour of Carbon/E-glass Intra-ply fibre-Reinforced Nano-silica Toughened Epoxy Composite	A. Johnny Varghese & B. Anand Ronald	Mechanical Engineering	Silicon	2020	1876-990X	https://link.springer.com/journal/12633	https://link.springer.com/article/10.1007/s12633-020-00566-3	Yes
1820	Mode-I, Mode-II, and Mode-III Stress Intensity Factor Estimation of Regular- and Irregular-Shaped Surface Cracks in Circular Pipes	S. Suresh Kumar and V. Naren Balaji	Mechanical Engineering	the Journal of Failure Analysis and Prevention	2020	1547-7029	https://link.springer.com/journal/11668	https://link.springer.com/article/10.1007/s11668-020-00888-9	Yes

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1821	An insight into the microstructural heterogeneities formation between the weld subregions of Laser Welded Copper to Stainless steel joints	Saranarayanan R, A. K. Lakshminarayanan	Mechanical Engineering	Transaction of non ferrous metal society of China, Elsevier	2020	1003-6326	https://www.sciencedirect.com/journal/transactions-of-nonferrous-metals-society-of-china	https://www.sciencedirect.com/science/article/abs/pii/S1003632620652499	Yes
1822	Wear and tribofilm characterization of bamboo CNT (B-CNT)-peek composite with incremental blending of submicron synthetic diamond particles	K.Vishal, K. Rajkumar, and V.E Annamalai	Mechanical Engineering	Wear	2020	0043-1648	https://www.sciencedirect.com/journal/wear	https://www.sciencedirect.com/science/article/pii/S0043164820310152	Yes
1823	Design, Analysis and Fabrication of Semi-Automatic Trash Masher	Sakthi Vigneshwaran S C, Arun Prakash C	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-8704-7_37	Yes
1824	Tribological Properties of B4C Nano Particulates Reinforced Copper Matrix Nanocomposites	Poovazhagan Lakshmanan, Sathianandan Dharmaselvan, Shankar Paramasivam, Lalith Kumar Kirubanandan, Vignesh R	Mechanical Engineering	Materials Today: Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785319309770	Yes
1825	Enhancement of properties of pure lead via underwater friction stir processing for thermoelectric and battery applications	C. Sekkappan, V. Valsaraj, A. K. Lakshminarayanan	Mechanical Engineering	Kovove Materialy	2019	0023-432X	http://www.kovmat.sav.sk/	http://www.kovmat.sav.sk/article.php?rr=57&cc=6&ss=415	Yes
1826	Tribological Analysis by Concentration Effect of Boron Carbide and Graphite on the Aluminum Composites	K.Rajkumar, S.Varun, G.Prasanna, C.Sreyas, A. Gnanavelbabu	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.969.163	Yes

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1827	Effects of oxygenated additives and Al ₂ O ₃ -TiO ₂ thermal\barrier piston coating on diesel engine fueled with non-edible biodiesel	R. Prakash, B. Jayakishan, and R. Avinash	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020003/785818/Effects-of-oxygenated-additives-and-Al₂O₃-TiO₂?redirectedFrom=PDF	Yes
1828	Numerical simulation of indigenous wheelchair for ease of mobility	R. Karthik, Gautam S. Nair, K. L. Hari Krishna, A. Kaushik, and T. Arun	Mechanical Engineering	AIP Conference proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020047/785761/Numerical-simulation-of-indigenous-wheelchair-for?redirectedFrom=fulltext	Yes
1829	Numerical investigations on enhancement of bi-evaporator compression refrigeration system using ejector as expansion device	M. Suresh, B. Rahul, Sharan Srinivasan and Vinaya Krishna	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020028/785792/Numerical-investigations-on-enhancement-of-bi?redirectedFrom=fulltext	Yes
1830	Effect of biodiesel fuel reformulation on emission characteristics–A review	S. Rajkumar, S. Shriram, and N. Rohith	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020055/785685/Effect-of-biodiesel-fuel-reformulation-on-emission?redirectedFrom=PDF	Yes

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1831	Numerical studies on the effect of orientation of a heated trapezoidal bluff body	Ashwin Shriram Raja, Adithya Vignesh, and S. Soma Sundaram	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020004/785737/Numerical-studies-on-the-effect-of-orientation-of?redirectedFrom=PDF	Yes
1832	Experimental Studies on the Effect of Drilling Parameters on Monel Alloy	K. Jayakumar, K. Akash Koundinya, T. Jayakumar, M. Harshal, G. Gopinath	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.137	Yes
1833	Element-capacity difference algorithm for optimal bin packing	Deep Shah, A. Aakash;R. Vimal Samsingh	Mechanical Engineering	Int. Journal of Services and Operations Management	2019	1744-2370	https://www.inderscienceonline.com/journal/ijsom	https://www.inderscienceonline.com/doi/abs/10.1504/IJSOM.2019.102029	Yes
1834	Investigation of friction models in the machining of Inconel 625 Super Alloy using FEM	K S Manoranjan, V Harish Narayanan, T Manoj Kumar, R Ashwin and K S Vijay Sekar	Mechanical Engineering	IOP Conf. Series: Materials Science and Engineering	2019	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/577/1/012098	Yes
1835	A review of implementation of Artificial Intelligence systems for weld defect classification	Vishal.V, R.Ramya , P.Vinay Srinivas, R.Vimal Samsingh	Mechanical Engineering	Materials Today: Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785319309769	Yes
1836	Effect of Input Velocity on the Output of Vertical Axis Wind Turbine (VAWT)	Sankgeeth VS , Shami Jose , Arun Prakash C and Anand Ronald B	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-15-4745-4_93	Yes
1837	On the Local Constitutive Behavior of Friction Stir Welded AISI 304 Stainless Steel Joints	V. Karthik Srinivas, A.K. Lakshminarayanan	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.107	Yes

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1838	Fabrication and Numerical Analysis of Friction Stir Back Extruded Lightweight Magnesium Alloy Heat Pipes	Srivasupradha Ramesh, A.K. Lakshminarayanan, Yogesha Raghavan, Yashaswin Harathi	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.129	Yes
1839	Investigation of AlCrN-Coated Inserts on Cryogenic Turning of Ti-6Al-4V Alloy	Lakshmanan S, Pradeep Kumar M, Dhananchezian M and Yuvaraj N	Mechanical Engineering	Metals	2019	2075-4701	https://www.mdpi.com/journal/metals	https://www.mdpi.com/2075-4701/9/12/1338	Yes
1840	Design and Analysis of Fluid Flow and Heat Transfer in a Crossflow Radiator as Changing the Fin and Tube Material	C.Gopinath, L.Poovazhagan	Mechanical Engineering	International Journal of Recent Technology and Engineering	2019	2277-3878,	https://www.ijrte.org/	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3511928	Yes
1841	Ultrasonication Assisted Fabrication of Aluminum and Magnesium Matrix Nanocomposites - A Review	K.Parthiban, L.Poovazhagan	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.63	Yes
1842	Review on accumulative roll bonding (ARB) techniques for improving the mechanical properties of multi-layered materials	Arun.A and Dr.L.Poovazhagan	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.84	Yes
1843	Understanding the Effect of Tool Rotational Speed on Microstructure and Mechanical Properties of Friction Stir Processed ZE41 Grade Magnesium Alloy	Radhika Koganti, AK Lakshminarayanan, T Ramprabhu,	Mechanical Engineering	Lecture Notes in Mechanical Engineering	2019	2195-4356	https://www.springer.com/series/11236	https://link.springer.com/chapter/10.1007/978-981-13-1780-4_41	Yes
1844	Analysis of Tensile Deformation Behavior in Friction Stir Welded P91-316LN Dissimilar Joints Using Infrared Thermography	A. Venkatakrishna, A.K. Lakshminarayanan and M. Menaka	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.114	Yes

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1845	Performance study of a solar greenhouse dryer	U. Yokeshwaraperumal, A. S. Ramana, C. Arun Prakash, and V. Kannan	Mechanical Engineering	AIP Conference Proceedings	2019	1551-7616	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020027/785798/Performance-study-of-a-solar-greenhouse-dryer?redirectedFrom=fulltext	Yes
1846	Study on Surface characteristics of friction stir processes AZ91 with titanium carbide micro particles	S.Vijayan, J.P.Lalith Gnanavel, G.Selva Kumar and S.R.K.Rao	Mechanical Engineering	Indian Journal of Engineering and Material Sciences	2019	0971-4588	https://nopr.niscpr.res.in/handle/123456789/36	https://nopr.niscpr.res.in/handle/123456789/51678	Yes
1847	A combined full-field imaging and metallography approach to assess the local properties of gas tungsten arc welded copper–stainless steel joints	R. Saranarayanan, A.K. Lakshminarayanan, B. Venkatraman	Mechanical Engineering	Archives of Civil and Mechanical Engineering	2019	1644-9665	https://www.sciencedirect.com/journal/archives-of-civil-and-mechanical-engineering	https://www.sciencedirect.com/science/article/abs/pii/S1644966518301006	Yes
1848	Development of Prototype Variable Geometry In-Pipe Robot for Reconfigurable Applications	S. Pon Vignesh Pappu, M. Ajin, and Satheesh Kumar Gopal	Mechanical Engineering	Lecture Notes on Multidisciplinary Industrial Engineering	2019	2522-5022	https://www.springer.com/series/15734	https://link.springer.com/chapter/10.1007/978-981-32-9487-5_55	Yes
1849	Experimental Investigation on Heat Transfer Enhancement of Latent Heat Storage System Containing Spherical Capsules with Internal Hollow and Solid fins	N. Nallusamy, Rahul Roy, A. Surya	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020001/785527/Experimental-investigation-on-heat-transfer?redirectedFrom=fulltext	Yes

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1850	Microstructural characteristics of Chitosan deposited AZ91 magnesium alloy	Barani B, Lakshminarayanan AK and Subashini R	Mechanical Engineering	Materials Today: Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785319309605#:~:text=Hence%20in%20order%20to%20reduce,bioactivity%20of%20AZ91%20magnesium%20alloy.	Yes
1851	Influence of Friction Stir Welding Variants on Crashworthiness of Friction Stir Welded Aluminium Top Hat Sections	A. K. Lakshminarayanan, Cyril Joseph Daniel	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.97	Yes
1852	On the Microstructure and Erosion Corrosion Behavior of Laser Processed Nickel Aluminium Bronze	A.K. Lakshminarayana, S.R. Kotteswara Rao, K. Sridhar and A. Vignesh	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.157	Yes
1853	Pine oil-soapnut oil methyl ester blends: A hybrid biofuel approach to completely eliminate the use of diesel in a twin cylinder off-road tractor diesel engine	V. Venkatesan N. Nallusamy	Mechanical Engineering	Fuel	2019	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S001623611931854X	Yes
1854	Comprehensive review on heat transfer characteristics of microchannel heat sinks	J. Jabin, N. Nallusamy, V. Vigneshwaran	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020007/785646/Comprehensive-review-on-heat-transfer?redirectedFrom=fulltext	Yes

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1855	Study of performance and emission characteristics of twin cylinder off road diesel engine using soapnut oil methyl ester and diesel blends	V. Venkatesan, N. Nallusamy	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020002/785786/Study-of-performance-and-emission-characteristics?redirectedFrom=PDF	Yes
1856	Review on relation of heat pipes with nanotechnology for heat transfer enhancement	V. Vigneshwaran, N. Nallusamy, J. Jabin	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020056/785658/Review-on-relation-of-heat-pipes-with?redirectedFrom=PDF	Yes
1857	Use of Friction Extrusion to Fabricate Magnesium Alloy Wires with Rare Earths from Machined Chips	A.K. Lakshminarayanan and K.S. Jayakumar	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.119	Yes
1858	Finishing Performance of Die-sinking EDM with Ultrasonic Vibration and Powder Addition Through Pulse Train Studies	R Rajeswari and M S Shunmugam	Mechanical Engineering	International Journal of Machining Science and Technology	2019	1091-0344	https://www.tandfonline.com/journals/Imst20	https://www.tandfonline.com/doi/abs/10.1080/10910344.2019.1636276	Yes
1859	Influence of Plasma Electrolytic Oxidation on Corrosion Characteristics of Friction Stir Welded ZM21 Magnesium Alloy	KL Hari Krishna S R Koteswara Rao Sreekanth Dondapati N Rameshbabu	Mechanical Engineering	Protection of Metals and physical chemistry of Surfaces	2019	2070-2051	https://link.springer.com/journal/11124	https://link.springer.com/article/10.1134/S2070205119040099#:~:text=It%20has%20been%20concluded%20that,welds%20of%20ZM21%20magnesium%20alloy.	Yes

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1860	Effects of multi-pass cutting during wire electrical discharging	G Selvakumar, V Balasubramanian, S Vijayan and N Lenin	Mechanical Engineering	Materials Testing	2019	2195-8572	https://www.degruyter.com/journal/key/mt/html	https://www.degruyter.com/document/doi/10.3139/120.111400/html?lang=en#:~:text=processing%20hardened%20alloys-,The%20machining%20of%20a%20hardened%20alloy%20commonly%20reveals%20poor%20surface,followed%20by%20two%20trim%20cuts.	Yes
1861	Development, Mechanical Characterization and Analysis of Dry Sliding Wear Behavior of AA6082 - Metakaolin Metal Matrix Composites	Renjin J Bright, Selvakumar G, Sumathi M and Lenin N	Mechanical Engineering	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab52aa	Yes
1862	Assessment of latent heat thermal storage systems operating with multiple phase change materials	Lakshmi Narasimhan N	Mechanical Engineering	Journal of Energy Storage	2019	2352-152X	https://www.sciencedirect.com/journal/journal-of-energy-storage	https://www.sciencedirect.com/science/article/abs/pii/S2352152X18307850	Yes
1863	Effect of biodiesel, biodiesel binary blends, hydrogenated biodiesel and injection parameters on NOx and soot emissions in a turbocharged diesel engine	S. Rajkumar and J. Thangaraja	Mechanical Engineering	Fuel	2019	0016-2361	https://www.sciencedirect.com/journal/fuel	https://www.sciencedirect.com/science/article/pii/S0016236118320350#:~:text=In%20hydrogenation%20process%2C%20the%20transesterified,t%20hus%20lowers%20the%20NOx%20emission.	Yes

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1864	A literature review of fuel effects on performance and emission characteristics of low-temperature combustion strategies	Pachiannan T, Zhong W, Rajkumar S, Hea Z, Leng X, Wang Q.	Mechanical Engineering	Applied Energy	2019	0306-2619	https://www.sciencedirect.com/journal/applied-energy	https://www.sciencedirect.com/science/article/pii/S0306261919310542	Yes
1865	Analysis and Characterization of Friction Behaviour on AA7075/ZrB2 Composite Under Dry Sliding Condition	P. Loganathan, A. Gnanavelbabu, K. Rajkumar	Mechanical Engineering	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/aaf1fe	Yes
1866	Comparative evaluation of powder mixed and ultrasonic assisted rough die-sinking EDM based on pulse characteristics	R Rajeswari and M S Shunmugam	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture	2019	0954-4054	https://journals.sagepub.com/home/PIB	https://journals.sagepub.com/doi/10.1177/0954405419840569	Yes
1867	A Compact Microwave Device for Fracture Diagnosis of the Human Tibia	Vimal .R ; Malathi Kanagasabhai; Esther florence .S	Mechanical Engineering	IEEE - Transactions on Componenets , Packagaing and Manufacturing Technology	2019	2156-3950	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=5503870	https://ieeexplore.ieee.org/document/8620220	Yes
1868	Microstructure and Mechanical Properties of Tungsten Inert Gas Welded Joints of Cast Al-Mg-sc alloy	K.Subbaiah	Mechanical Engineering	Materials Today Proceedings	2019	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785319309319	Yes

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1869	Performance and emission characteristics of diesel engine fueled with diesel, bio diesel and additives	B. Janakiraman, M. Gajendiran, N. Nallusamy	Mechanical Engineering	AIP Conference Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020023/785567/Performance-and-emission-characteristics-of-diesel?redirectedFrom=fulltext	Yes
1870	Development of 3D object's geometrical properties based architecture for physical symbol grounding	K. S. Jayakumar, and R. Vimalsamsingh	Mechanical Engineering	AIP Proceedings	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020008/785892/Development-of-3D-object-s-geometrical-properties?redirectedFrom=PDF	Yes
1871	SEM and EDAX Evaluation of Al-Fe alloy	Arthur Jebastian Sunderraj, Arun Vasantha Geethan, D. Ananthapadmanaban	Mechanical Engineering	International Journal of Engineering and Advanced Technology	2019	2249-8958	https://www.ijeat.org/	https://www.ijeat.org/portfolio-item/a9881109119/	Yes
1872	Effect of Powder Mix and Ultrasonic Assistance on Pulse Train-Based Specific Energy in EDM of D3 Steel	R Rajeswari and M S Shunmugam	Mechanical Engineering	Lecture Notes on Multidisciplinary Industrial Engineering, Springer	2019	2522-5022	https://www.springer.com/series/15734	https://link.springer.com/chapter/10.1007/978-981-32-9471-4_19	Yes
1873	Mechanical Properties of AA 5754 Hybrid Metal Matrix Composite Fabricated through Rheo-Squeeze Casting	K. Sekar, K. Jayakumar	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.10#:~:text=%25%20Al2O3%20hybrid,5754%20reinforced%20with%201%20wt.	Yes

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1874	Machining of TiB ₂ -SiC Ceramic Composites through WEDM Process	K. Jayakumar	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.22#:~:text=WEDM%20studies%20revealed%20that%20at,%25%20reinforcement%20respectively.	Yes
1875	WEDM Studies on TiB ₂ -15% SiC Ceramic Composite Processed Through SPS Process	K. Jayakumar	Mechanical Engineering	Lecture Notes on Multidisciplinary Industrial Engineering, Springer Nature Singapore	2019	2522-5022	https://www.springer.com/series/15734	https://link.springer.com/chapter/10.1007/978-981-32-9471-4_60	Yes
1876	Turning Experiments on Al/B ₄ C Metal Matrix Nanocomposites	Poovazhagan Lakshmanan	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.16#:~:text=During%20turning%20of%20Al%2FB,roughness%20tester%20and%20wattmeter%20respectively.	Yes
1877	Optimizing Ultrasonic Power on Fabricating Aluminum Nanocomposites Reinforced With Boron Carbide Nanoparticles	Poovazhagan Lakshmanan, Vijayananth.S, Sivaganesan.S	Mechanical Engineering	Material Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.28	Yes
1878	Experimental Investigations on Orthogonal Turning of Inconel 718 with TiAlN Coated Tool	K. Gobivel, K. S. Vijay Sekar, G. Prabhakaran, R. Sugin Elankavi	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.142	Yes
1879	Role of Overlap Ratio on the Microstructure of Friction Stir Multiseam Cladded Copper-Stainless Steel Lap Joints	A.K.Lakshminarayanan, KL. Harikrishna	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.102	Yes

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1880	Influence of Rare Earth Elements in Magnesium Alloy - A Mini Review	N. Sivashanmugam, KL. Hari Krishna	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.162#:~:text=Alloying%20magnesium%20with%20rare%20earth,damping%20capacity%20and%20good%20castability.	Yes
1881	Correlation between Mechanical properties and microstructure of Fe-Ti-Zn alloys fabricated by powder metallurgy	Arhtur Jebastian, Arun Vasantha Geethan, D. Ananthapadmanaban, S. Vijayananth	Mechanical Engineering	Lecture Notes on Multidisciplinary Industrial Engineering Springer Nature Singapore	2019	2522-5022	https://www.springer.com/series/15734	https://link.springer.com/chapter/10.1007/978-981-32-9425-7_28	Yes
1882	Microstructural Characteristics and Mechanical Behaviour of AA7075/TiB2 Composite	P. Loganathan, A. Gnanavelbabu, K. Rajkumar and S. Ayyanar	Mechanical Engineering	Materials Science Forum	2019	1662-9752	https://www.scientific.net/MSF	https://www.scientific.net/MSF.979.40#:~:text=Addition%20of%20TiB2%20particles,composite%20increased%20with%20increasing%20wt.	Yes
1883	Effect of Steel Shot Size on the Properties of Magnetic Moulded Metal Matrix Composites	Arun Prakash C, Anand Ronald B	Mechanical Engineering	Journal of the Balkan Tribological Association	2019	1310-4772	https://scibul.com/en/journal/1310-4772	https://openurl.ebsco.com/EPDB%3Agcd%3A1%3A6123857/detailv2?sid=ebsco%3Aplink%3Ascholar&id=ebsco%3Agcd%3A137256756&crl=c	Yes

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1884	Development of High-Fidelity Imaging Procedures to Establish the Local Material Behavior in Friction Stir Welded Stainless Steel Joints	S. Ramachandran, A. K. Lakshminarayanan, P. A. S. Reed and J. M. Dulieu-Barton	Mechanical Engineering	Metals	2019	2075-4701	https://www.mdpi.com/journal/metals	https://www.mdpi.com/2075-4701/9/5/592	Yes
1885	Influence of handle shape and size to reduce the hand-arm vibration discomfort	Tony B Jain A.R, Alphin, M.S and Velmurugan, D	Mechanical Engineering	Work - A Journal of Prevention Assessment & Rehabilitation	2019	1051-9815	https://content.iopress.com/journals/work/Pre-press/Pre-press	http://dx.doi.org/10.3233/WOR-192948	Yes
1886	Finite element analysis to assess the biomechanical behavior of a finger model gripping handles with different diameters	Jain A.R. Tony and M. S. Alphin	Mechanical Engineering	Biomedical Human Kinetics	2019	2080-2234	https://sciendo.com/journal/BHK	https://sciendo.com/article/10.2478/bhk-2019-0009	Yes
1887	Role of welding processes on microstructure and mechanical properties of nuclear grade stainless steel joints,	R Rajasekaran, AK Lakshminarayanan , M Vasudevan and P Vasantharaja	Mechanical Engineering	Proc IMechE Part L: J Materials: Design and Application	2019	1464-4207	https://journals.sagepub.com/home/PIL	https://journals.sagepub.com/doi/abs/10.1177/1464420719849448?journalCode=pila	Yes
1888	Tailoring of tensile and dynamic thermomechanical properties of interleaved chemical treated fine almond shell particulate flax fibre stacked vinyl ester polymeric composites	K.Ramraji, K Rajkumar, P Sabarinathan	Mechanical Engineering	Proc IMechE Part L: Journal of Materials: Design and Applications	2019	1464-4207	https://journals.sagepub.com/home/PIL	https://journals.sagepub.com/doi/abs/10.1177/1464420719849616	Yes

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1889	A study on recovery of alumina grains from spent vitrified grinding wheel	P Sabarinathan, VE Annamalai, S Suresh Kumar, A Xavier Kennedy	Mechanical Engineering	Journal of Material Cycles and Waste Management	2019	1438-4957	https://link.springer.com/journal/10163	https://link.springer.com/article/10.1007/s10163-018-0776-8#:~:text=Chemical%20digestion%20is%20an%20optimal,sulphuric%20acid)%20%5B22%5D.	Yes
1890	Evaluation of thermal stability and damping behavior of electrical insulator waste reinforced thermoset polymer composite	P Sabarinathan, VE Annamalai, K Rajkumar	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	2019	0954-4062	https://journals.sagepub.com/home/PIC	https://journals.sagepub.com/doi/10.1177/0954406218823229	Yes
1891	NOx emission characteristics of biodiesel fuelled compression ignition engines and its control strategies – A review	M. Gowthama Krishnan, and S. Rajkumar	Mechanical Engineering	AIP Conference Proceedings	2019	1551-7616	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020005/785865/NOx-emission-characteristics-of-biodiesel-fuelled?redirectedFrom=fulltext	Yes
1892	CFD Simulation for the Design of Combustor in Turbocharger Test Rig	M. Nalla Mohamed and R. Sivaprasad	Mechanical Engineering	AIP conference proceeding	2019	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2161/1/020006/785594/CFD-simulation-for-the-design-of-combustor-in?redirectedFrom=PDF	Yes

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1893	Design of Compliant Mechanism Microgripper Utilizing the Hoekens Straight Line Mechanism.	V. Gopal, M.S Alphin, and R. Bharanidaran	Mechanical Engineering	Journal of Testing and Evaluation	2019	0090-3973	https://www.astm.org/products-services/standards-and-publications/journal-of-testing-and-evaluation.html	https://doi.org/10.1520/JTE20190091	Yes
1894	Co-thermal liquefaction of Prosopis juliflora biomass with paint sludge for liquid hydrocarbons production	B Jayakishan, G Nagarajan, J Arun	Mechanical Engineering	Bioresource technology	2019	0960-8524	https://www.sciencedirect.com/journal/bioresource-technology	https://www.sciencedirect.com/science/article/abs/pii/S0960852419304663	Yes
1895	Microstructure and fracturing behavior of AA7075–T651 aluminum alloy cooled during friction stir welding	T. Srinivasa Rao, S. R. Koteswara Rao, G. Madhusudhan Reddy	Mechanical Engineering	Metal Science and Heat Treatment.	2019	0026-0673	https://link.springer.com/journal/11041	https://link.springer.com/article/10.1007/s11041-019-00433-y#:~:text=Typical%20microstructure%20of%20the%20friction,gains%20in%20the%20WN%20zone.	Yes
1896	Investigation on the Electrical Conductivity of Aqueous Glycol based ZnO Nanofluids	L.Chilambarasan, R. Prakash, J. P. Shanu and P. Murugasen	Mechanical Engineering	Journal of Applied Fluid Mechanics	2019	1735-3572	https://www.jafmonline.net/journal/about	https://www.jafmonline.net/article_800.html	Yes
1897	Mixed mode Stress Intensity Factor estimation of inclined cracks in an unnotched round bar	S.Suresh Kumar, M.E. Aniruthan	Mechanical Engineering	Journal of Failure Analysis and Prevention	2019	1547-7029	https://link.springer.com/journal/11668	https://link.springer.com/article/10.1007/s11668-019-00613-1	Yes
1898	Assessment of structural cracks in buildings using single-valued neutrosophic DEMATEL model	R. Sundareswaran, P. Sangeetha, M. Shanmugapriya, M. Thaga Shriff, M. Benasir, A. Shri Thrisha, R. Sathyaprakash,	Civil Engineering and Mathematics	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1sKQKG_N9fbyJrHEYwA2zK_1rbjDmg/view?usp=drive_link	Yes

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1899	Behaviour of Geo composite as a packing material in the back of weepholes	Sivapriya S. V	Civil Engineering	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1IJR_SWu7-6gb4wiLAU0WpYitkg69Owo5/view?usp=drive_link	Yes
1900	An Appraisal on the Parameters Influencing Lime Stabilization of Soils	James, J., Sivakumar, V.L	Civil Engineering	Journal of Materials and Engineering Structures	2022	2170-127X	Journal of Materials and Engineering Structures « JMES » (ummtto.dz)	https://drive.google.com/file/d/1MT05nNfwkJIR_qUIZPDXGWRReGMBML4qX/view?usp=drive_link	Yes
1901	An experimental study on interconnected shear connector in steel-concrete composite structure	Sabapathy, Y.K, Sangeetha P, Jayakarhik J, Babu S, Mohammed Duraid Falih, Shreeram P	Civil Engineering	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1MnYETkGM_UtQVlwojwHkRYTr4PAokvb1/view?usp=drive_link	Yes
1902	Modulus of laterally loaded pile in cohesionless slope crest with varying condition	Sivapriya S.V and Ganeshkumar S	Civil Engineering	Civil and Environmental Engineering Reports	2022	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1QyF1EEWPqPIRwsfK0I7eoY2nJ-KJhjDR/view?usp=drive_link	Yes
1903	A short review on feedstock characteristics in methane production from municipal solid waste	Arunthathi S, Balaji D and Sivapriya S.V	Civil Engineering and Chemical Engineering	Architecture Civil Engineering Environment	2022	2720-6947	Architecture, Civil Engineering, Environment (sciendo.com)	https://drive.google.com/file/d/1namq_9ShBxELtXehMu2hrNc_vnXHxCZie/view?usp=drive_link	Yes
1904	Effect of batten plates on the unlippped channel CFS built-up column under axial compression	P. Sangeetha, M. Vaishnavi, A. Modhagapriyan, T. Rajarajan	Civil Engineering	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/19ISHeDeJINynodycfCJ-v_EhtKpvtRQd/view?usp=drive_link	Yes

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1905	Feasibility Studies on the Removal of Rose Bengal Dye Through Electrolytic Degradation	Aswin Sriram, G., Anish Nair	Civil Engineering	Indian Journal of Environmental Protection	2022	0253-7141	Indian Journal of Environmental Protection - E-IJEP	https://drive.google.com/file/d/1_gPXD5FyzsmLeEfr0cbNcklPz6VcEkXO/view?usp=drive_link	Yes
1906	Study on the performance of GFRP strengthened fiber reinforced lightweight foam concrete	R. Vijayalakshmi	Civil Engineering	Building Materials and Structures	2022	2335-0229	Building Materials and Structures Casopis za istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1otJfS8LeOxtCKjdoIvo3VzOzrY_rECEN/view?usp=drive_link	Yes
1907	Stress-Strain Characteristics and Mineralogy of an Expansive Soil Stabilized Using Lime and Phosphogypsum	James, J., Sivapriya, S.V, Eyo, E	Civil Engineering	Applied Sciences	2023	2076-3417	Applied Sciences An Open Access Journal from MDPI	https://drive.google.com/file/d/1iLVhUpp4BJm1ru0W076rEjY57hv_S9XE/view?usp=drive_link	Yes
1908	Effects of using palm flower biochar in mechanical and water purification properties of pervious concrete	M. Abhinaya, R. Parthiban, N. Sivakumar	Civil Engineering and Chemical Engineering	Biomass Conversion and Biorefinery	2022	2190 - 6815	Biomass Conversion and Biorefinery Home (springer.com)	https://drive.google.com/file/d/1kg1rEm3bThCTHXmsn9Cg4fM0QDw2td5_/view?usp=drive_link	Yes
1909	Experimental & analytical behaviour and performance of structural joints retrofitted with woven wire mesh concreting under reversed cyclic loading	Pauline T., Sangeetha P., Janardhanan G. & Ashok V	Civil Engineering	European Journal of Environmental and Civil Engineering	2022	2116-7214	European Journal of Environmental and Civil Engineering Taylor & Francis Online (tandfonline.com)	https://drive.google.com/file/d/1GcMDMXY_TiPivMD20yztss1NqNznIFx/view?usp=drive_link	Yes

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1910	Comparative study on the performance of caryota urens fiber reinforced concrete of different grades along with Digital image processing techniques	Vijayalakshmi, R., Mohammed, Sameer., Geetha, R	Civil Engineering	Revista Iteckne	2022	1692-1798	ITECKNE: Innovation and Research in Engineering - Dialnet (unirioja.es)	https://drive.google.com/file/d/1Pf8sqQ2d7eShkD4gVAo0SFGhO8nY2uHB/view?usp=drive_link	Yes
1911	Influence of biomass ash and coconut shell in scrap steel fiber reinforced concrete	Vijayalakshmi, R., Yogesh, B., Prashant, S., Nitish Kanna, K., and Thosi, G	Civil Engineering	Building Materials and Structures	2022	2335-0229	Building Materials and Structures Casopis za istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1rIKz6z-rZ3xE0sPqLOWyqmoSj3VkuqGT/view?usp=drive_link	Yes
1912	Assessment of air quality index and pollutants in Chennai city, India: Pre-Covid and during- Covid period	Sangeetha P	Civil Engineering	Proceedings of the International Academy of Ecology and Environmental Sciences	2022	2220-8860	Proceedings of the International Academy of Ecology and Environmental Sciences (ISSN 2220-8860) (iaees.org)	https://drive.google.com/file/d/1QPCRpt2s-6lixhoeQSVPB0ZkXyHofal7/view?usp=drive_link	Yes
1913	A hybrid approach of ANN and improved PSO for estimating soaked CBR of subgrade soils of heavy-haul railway corridor	Abidhan Bardhan, Abdel Kareem Alzo'ubi, Sangeetha Palanivelu, PouriaHamidian, Anasua GuhaRay, Gaurav Kumar, Markos Z. Tsoukalas and Panagiotis G. Asteris	Civil Engineering	International Journal of Pavement Engineering	2023	1477-268X	International Journal of Pavement Engineering: Vol 24, No 1 (Current issue) (tandfonline.com)	https://drive.google.com/file/d/1Dl3WrFEM8UvDXo8lbS9N8wad8blAoud3/view?usp=drive_link	Yes
1914	Comparative study on the effect of rhombus and rectangular openings of shear wall on the behavior of tall buildings	A. Syamsir; A. R. Malekzadah; S. Naganathan; Z. Itam; N. M. Nor; M. Chairir; R. Imani	Civil Engineering	AIP Conference proceedings	2023	1551-7616	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1i7DaaZ3N BxxAqXUSQbVYNFC2 BJCWdz/view?usp=drive_link	Yes

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1915	State of the Art Review on Prescriptive & Performance Based Approaches for Concrete Durability	Sajid Ali, Sivakumar, N., Mahalingam, B.,	Civil Engineering	International Journal Of Sustainable Construction Engineering And Technology	2021	2180-3242	International Journal of Sustainable Construction Engineering and Technology (uthm.edu.my)	https://drive.google.com/file/d/1pkBM8seXtuWlWBi_PQVy8NQFIBJKzGqk/view?usp=drive_link	Yes
1916	Recent studies on the properties of pervious concrete; A sustainable solution for pavements and water treatment	Vijayalakshmi, R	Civil Engineering	Civil and Environmental Engineering Reports	2021	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1SPxSg48KN2lDEBnMAXBF1emmoCrvVQ_q/view?usp=drive_link	Yes
1917	Wetting and Drying Resistance of Lime-Stabilized Expansive Soils Modified with Nano-Alumina	James, J., Sivapriya, S.V., Ali, S.; Madhu, T.R., Singh, B	Civil Engineering	Electronic Journal of the Faculty of Civil Engineering Osijek-e-GFOS	2021	1847-8948	e-gfos.gfos.hr/egfos	https://drive.google.com/file/d/1H0H0TYqCJNNfApqllrpxyb5nAtneUtFF/view?usp=drive_link	Yes
1918	Structural Performance of Experimentally Investigated CFRP-Strengthened Cold-formed Steel Built-Up Columns	Nahushananda Chakravarthy, Sivakumar Naganathan, Sreedhar Kalavagunta, Kamal Nasharuddin Bin Mustapha	Civil Engineering	Iranian Journal of Science and Technology, Transactions of Civil Engineering	2021	2228 - 6160	Iranian Journal of Science and Technology, Transactions of Civil Engineering Home (springer.com)	https://drive.google.com/file/d/1VVkesu8u7XbJmr1yuniL4fThJpDhKdVx/view?usp=drive_link	Yes
1919	Influential nodes in planar trusses and meshes using centrality measures	P.Sangeetha ,R.Sundareswaran ,M.Shanmugapriya ,S.Srinidhi&K.Sowmya	Civil Engineering	Materials Today: Proceedings	2021	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1mwHjoLqTVJ-s2mN-zLY-TQ0VdGlvotUC/view?usp=drive_link	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
1920	Lime activated flyash-phosphogypsum blend as a low-cost alternative binder	James, J., Arthi, C., Balaji, G., Chandralekha, N., Naveen Kumar, R. H. M.	Civil Engineering	International Journal of Environmental Science and Technology	2021	1735-1472	International Journal of Environmental Science and Technology Home (springer.com)	https://drive.google.com/file/d/1Qi6v3e8lhctgMam56zvVmENScTFz6GU/view?usp=drive_link	Yes
1921	Pipe bridge design optimization through a comparative study of truss and girder arrangements	S. V. Sivapriya, S. Sadhana, N. Prathibha and S. Saranya	Civil Engineering	Revista Facultad de Ingenieria, Universidad de Antioquia	2021	2422-2844	Revista Facultad de Ingenieria, Universidad de Antioquia (udea.edu.co)	https://drive.google.com/file/d/1cG0NNOJbx-vdxaBOd6yTHw8ZDyI09C3g/view?usp=drive_link	Yes
1922	Fresh and Mechanical property of Caryota Urens Fiber reinforced flowable concrete	Sathia, R., Vijayalakshmi, R	Civil Engineering	Journal of Materials Research and Technology	2021	2238-7854	Journal of Materials Research and Technology ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1yzT_HZ5hKD8NpKoWyQDQ2SfIAfjwnfu7/view?usp=drive_link	Yes
1923	Experimental Investigation on the Cold – Formed Steel – Concrete Composite Beam Under Flexure	Sangeetha, P, Dinesh Kuma, P, Sai Sahith, I & Ajaykumar, A	Civil Engineering	Journal of Materials and Engineering Structures	2021	2170-127X	Journal of Materials and Engineering Structures « JMES » (ummto.dz)	https://drive.google.com/file/d/1QgWnP9iKutyBaKgwwqF_x5h7WjwgVU4/view?usp=drive_link	Yes
1924	Experimental and Analytical Study on the Impact Behaviour of Steel-Concrete Composite Slab	Sangeetha, P, Ramanagopal S, Manjula, R & Hema Naga Sri Pushpa Swetha T	Civil Engineering	Electronic Journal of the Faculty of Civil Engineering Osijek-e-GFOS	2021	1847-8948	e-gfos.gfos.hr/egfos	https://drive.google.com/file/d/1R4cNDBvOGKG-xHXPraiMnpMQ-MVWspWZ/view?usp=drive_link	Yes
1925	Assessing the retaining wall movement through finite element analysis for sustainable materials as a backfill material	Sivapriya S.V, Harish Kumar.M and Hariraj M.J	Civil Engineering	AIP Conference proceedings	2021	1551-7616	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1ei2GWmR7Mbo3YV8ZZqCnPsh50QHXRUS/view?usp=drive_link	Yes

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1926	Mechanical and Abrasion Resistance Properties of Concrete Containing Recycled Abrasive Waste as Partial Replacement of Fine Aggregate	P. Sabarinathan, V. E. Annamalai and P. Sangeetha	Civil Engineering and Mechanical Engineering	Arabian Journal for Science and Engineering	2021	2193-567X	Arabian Journal for Science and Engineering Home (springer.com)	https://drive.google.com/file/d/1OCC0h6Mm9k0-WnzNA_bFsXnUW47i_5oA/view?usp=drive link	Yes
1927	Vehicular Relaxation and Amphan Cyclone: Is it a double threat to India towards combat of Covid - 19	Aswin Sriram & Gnapathiraman Swaminathan	Civil Engineering	Indian Journal of Environmental Protection	2021	0253-7141	Indian Journal of Environmental Protection - E-IJEP	https://drive.google.com/file/d/1Uy6FdZlYjvaw0lo6G9-uu8xi7fnlGJMs/view?usp=drive link	Yes
1928	Study on Properties of Translucent Concrete and Mortar for Natural Lighting Inside Buildings	Sabapathy Y.K, Vishnu Aravind G, Sathya Shree T R & Shaleni Elam Thendral A	Civil Engineering	Indian Journal of Natural Science	2022	0976 – 0997	Tamilnadu Scientific Research Organization (TNSRO) i (tnsroindia.org.in)	https://drive.google.com/file/d/1sRDEvt2INrtHla1j0QSuOK0TuAl8evRg/view?usp=drive link	Yes
1929	Strength enhancement of cold-formed steel tubular column using GFRP strip subjected to axial compression	Sangeetha Palanivelu, Dhinakaran Moorthy, Gobinaath Subramani, Jeevan Raj Dhayanithi	Civil Engineering	Building Materials and Structures	2021	2335-0229	Building Materials and Structures Casopis za istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1KNAu31bS-K4vUXeyxkK8O5t-9tQToaT/view?usp=drive link	Yes
1930	Strength and Durability of Cement Stabilized Expansive Soil Amended with Sugarcane Press Mud	Jijo James, Akilan Gunaselvi Selvam, Krishna Khumaar Annamalai, Vishal Mari Muthu, Vishnu Varadhan Srinivasan, Sooraj Kolamurugan	Civil Engineering	Civil and Environmental Engineering Reports	2022	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1dHqUD81tpRRWOpAJREyZOxvCPH0hjP7U/view?usp=drive link	Yes

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1931	Effect of natural fish tail palm fiber on the workability and mechanical properties of fiber reinforced concrete	Vijayalakshmi, R., Keerthika Ramesh, Modhagapriyan, A., and Vaishnavi M	Civil Engineering	Building Materials and Structures	2022	2335-0229	Building Materials and Structures Casopis za istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/18FTIivubR7SgoiptGfZZDXwi0xQ0T_u/view?usp=drive_link	Yes
1932	Water absorbing polymer balls as internal water curing agent in concrete to support hydration reaction	Vijayalakshmi, R., Ramesh, K., Duraipandi, M., Jayseh, U. and Kupusamy, S.	Civil Engineering	Revista de la Construcción. Journal of Construction	2022	0718-915X	Revista de la Construcción. Journal of Construction	https://drive.google.com/file/d/1ceeRPI0AiVgDMsvBDgkuFuTEmm2wWGOS/view?usp=drive_link	Yes
1933	Assessing the compaction characteristics of modified soil with Incinerated municipal solid waste	S. Arunthathi, S.V. Sivapriya & D. Balaji	Civil Engineering	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1iPu6XVx-4bFhVhdgAqvEmUKR3qllCC_6/view?usp=drive_link	Yes
1934	Cashew nut shell ash as a supplementary additive in lime stabilized expansive soil composites	James, J., R. Roshna, S. Santhiya	Civil Engineering	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1BzE_4GTiiOSsMI3luC0WBi38dbPn_0sD/view?usp=drive_link	Yes

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1935	The Strength and Thermal Properties of Concrete containing Water Absorptive Aggregate from Well-Graded Bottom Ash (BA) as Partial Sand Replacement	Mohammed Jalal Abdullah, Salmia Beddu, Teh Sabariah Binti Abd Manan, Agusril Syamsir, Sivakumar Naganathan, Nur Liyana Mohd Kamal, Daud Mohamad, Zarina Itam, Hooi Min Yee, Md Fauzan Kamal Mohd Yapandi, Fadzli Mohamed Nazri, Nasir Shafiq, Mohamed Hasnain Isa, Amirrudin Ahmad, Nadiah Wan Rasdi	Civil Engineering	Construction and Building Materials	2022	0950-0618	Construction and Building Materials Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1Hezj6b9KwxfGH5YZ9lNpAzuklCeAmgez/view?usp=drive_link	Yes
1936	Numerical Studies on CFRP Strengthened Cold formed Steel built-up Columns	Nahushananda Chakravarthy H G, Jahnvi S J, Sivakumar Naganathan	Civil Engineering	International Journal of Sustainable Construction Engineering and Technology (uthm.edu.my)	2022	2180-3242	International Journal of Sustainable Construction Engineering and Technology (uthm.edu.my)	https://drive.google.com/file/d/16Bx34H7wb3h9VDNI4ui5dPAwEsZbRkx2/view?usp=drive_link	Yes
1937	Mechanical properties of concrete with seashell waste as partial replacement of cement and aggregate	M. Shanmugapriya, K. Santhosh Saravanan, P. Prabhakaran & V. Shashankar	Civil Engineering	Materials Today: Proceedings	2022	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1nRoqzWVcPUanSMoP23iD_Ld2NDTXWMeG/view?usp=drive_link	Yes
1938	Field testing of suction pile pullout capacity in softmarine clay in nearshore waters	Vijaya Ravichandran, A. S. Kiran, S. V. Sivapriya, S. Muthukrishna Babu, E. Chandrasekaran, R. Ramesh, A. Vadivelan, V. Doss Prakash, M. V. Ramanamurthy, M. A. Atamanad. G. Ramadass	Civil Engineering	OCEANS - Chennai 2022	2022	21732356	IEEE Xplore - Conference Table of Contents	https://drive.google.com/file/d/1b8vs8ulL_YbDn3tw9p_1kRJrfmmD9oGC/view?usp=drive_link	Yes

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1939	study on the workability, mechanical properties of fish tail palm fiber reinforced concrete -emphasis on fibre content and fibre length	Vijayalakshmi,R., Vaishnavi, M., and Geetha. R	Civil Engineering	European Journal of Environmental and Civil Engineering	2022	2116-7214	European Journal of Environmental and Civil Engineering Taylor & Francis Online (tandfonline.com)	https://drive.google.com/file/d/1sgVsMCFByG11xXhgk62XBnhnm1UhXxqr/view?usp=drive_link	Yes
1940	Study the effect of intermediate and closer stiffener on the behaviour of the cold - formed steel lipped channel section under axial compression	P. Sangeetha, M. Shanmugapriya , R. Manjula , Aparna P. Vijay & K. Sooraj,	Civil Engineering	Journal of Materials and Engineering Structures	2022	2170-127X	Journal of Materials and Engineering Structures « JMES » (ummta.dz)	https://drive.google.com/file/d/18_WdH403_SYRE2ipY0rn976wldnrwFgR/view?usp=drive_link	Yes
1941	Durability performance of a lime stabilized expansive soil with egg shell ash as a subsidiary admixture	Sivapriya S.V., Jijo James, Yuvaraj Karunanithi, Sushritha Gunipati	Civil Engineering	Building Materials and Structures	2022	2335-0229	Building Materials and Structures Casopis za istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1Z8pl - WaBkG2ljfK ql1LbYzQkQBM8_6/view?usp=drive_link	Yes
1942	Assessment of Productivity in Ready Mixed Concrete Batching Plant	Venkatesh M. P., Saravananatarajan P.S., Mahalingam B., Azal Ali Baig. M., Makendran. C	Civil Engineering	Solid State Technology	2020	0038-111X	Solid State Technology	https://drive.google.com/file/d/1blr5oH2a-Gqocgamb18_rqdcYiQ3GWhR/view?usp=drive_link	Yes

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1943	Valorisation of egg shell ash as a potential replacement for lime in stabilization of expansive soils	James, J., Jothipriya, K., Karthika, P., Kokila, S., Vidyasagar, V	Civil Engineering	Building Materials and Structures	2020	2335-0229	Building Materials and Structures Casopis za istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1aUnDMJljOco9XO6_3ljhd-5tffA89HQ3/view?usp=drive_link	Yes
1944	Investigation on hydrogen production from liquefied paper industry biomass using sonication homogenizer	Prasanna.k., Mahalingam.B., M.Kaarthik, Nasim Hasan, Gourav Kalra	Civil Engineering	European Journal of Molecular & Clinical Medicine	2020	2515-8260	EJMCM	https://drive.google.com/file/d/1_fkiZU5BSm9bstdkgH_7YJiWoAh_7lm/view?usp=drive_link	Yes
1945	Analytical Study on the Behaviour of Composite Space Truss Structures with Openings in a Concrete Slab	P.Naveen Kumar, R.Prakash & P.Sangeetha	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/142zPTMwXnOolbJFlmZoW_PlXHpiJeHbL/view?usp=drive_link	Yes
1946	GFRP wrapped concrete column compressive strength prediction through neural network	P.Sangeetha & M.Shanmugapriya	Civil Engineering	SN Applied Sciences	2020	2523-3971	SN Applied Sciences Home (springer.com)	https://drive.google.com/file/d/1Xo7V4lOXaq0k5uqaWKQ38ZbYhJLX1H9/view?usp=drive_link	Yes
1947	A Note on Climate Change and Extreme Water Event	N Sivakumar, Mahalingam.B, P.Sreehari, Srinath, PriyadharshniVarma.U & M, Niranjana Logeswaran	Civil Engineering	Solid State Technology	2020	0038-111X	Solid State Technology	https://drive.google.com/file/d/1HbYt4vpbwTvSEtpKVORWbEjwmnc7dUpY/view?usp=drive_link	Yes
1948	Uni axial compression behaviour of light weight expanded clay aggregate concrete cylinder confined by perforated steel tube and GFRP wrapping	Sathia, R., Vijayalakshmi, R., Ramanagopal, S., Vikram, PG., Yuvarani, R.,& Yuvalatha R	Civil Engineering	Revista de la Construcción. Journal of Construction	2020	0718-915X	Revista de la Construcción. Journal of Construction	https://drive.google.com/file/d/1P0tjpoJYa-qji-zUyWiu3NPYxSniOy2M/view?usp=drive_link	Yes

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1949	Flexural Strength of Steel-Concrete Composite Beams under Two-point loading	Sangeetha P, S.Ramanagopal, A.Jai Vigneshwar, K.Vaishnavi & A.Srinidhi	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8594	Civil and Environmental Engineering Reports (sciencedirect.com)	https://drive.google.com/file/d/1TEiBUykNMTgLVltKibtfB15xhQWDING8/view?usp=drive_link	Yes
1950	Prediction of Mechanical Strength of Polypropylene Fiber Reinforced Concrete using Artificial Neural Network	Sangeetha P & M.Shanmugapriya	Civil Engineering and Mathematics	Building Materials and Structures	2020	2335-0229	Building Materials and Structures Casopis za izrazivanje u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1_AZO8sYMBd_cCs7WYYCNR5gLL8-uHjos/view?usp=drive_link	Yes
1951	Artificial neural network applications in fiber reinforced concrete	Sangeetha P & M.Shanmugapriya	Civil Engineering and Mathematics	AIP Conference proceedings	2020	1551-7616	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1UJUWIM9DkoySvJxJHVL0LK-TGH-M3yPu/view?usp=drive_link	Yes
1952	A Study of the Concrete Production Process -A graph theoretic approach	P Sangeetha, M Shanmugapriya, R Sundareswaran, K Sowmya & S Srinidhi	Civil Engineering and Mathematics	AIP Conference proceedings	2020	1551-7616	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1RKrFg4fbQ1DqAZI3hkn8w-37yHYbaSB0/view?usp=drive_link	Yes
1953	Neural Network Modeling of Convection Heat Transfer Coefficient for the Caisson Nanofluid	M.Shanmugapriya & P.Sangeetha	Civil Engineering and Mathematics	TWMS Journal of Applied and Engineering Mathematics	2021	2146-1147	Home (isikun.edu.tr)	https://drive.google.com/file/d/1QXLkKxO36sCAvnknVxxTBg72kZPmjGS1/view?usp=drive_link	Yes
1954	Wetting-Drying Resistance of a Lime Stabilized Soil Amended with Steel Slag and Reinforced with Fibres	James, J., Kirubhakaran, A., Balamurukan, R., Jawahar, V., Soorya, S. S.,	Civil Engineering	Revista Iteckne	2021	1692-1798	ITECKNE: Innovation and Research in Engineering - Dialnet (unirioja.es)	https://drive.google.com/file/d/15BicU2VQ41WUFS3r67NrtX6QjhOJmlag/view?usp=drive_link	Yes

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1955	Modeling and prediction of fatigue life of brass and EN24 steel using soft computing tool	P.Sangeetha & M.Shanmugapriya	Civil Engineering	Materials Today: Proceedings	2021	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1Ydo4-Og9R7BGuxvOSAO-tGmQMGYgUQEi/view?usp=drive_link	Yes
1956	Experimental study on properties of mechanical resistance of polyamide in clay soil	Sivapriya S.V, Gokul Krishnan J, Bijivemula Sruthi Reddy, Roshan R, Syed Mohammed	Civil Engineering	Revista Iteckne	2021	1692-1798	ITECKNE: Innovation and Research in Engineering - Dialnet (unirioja.es)	https://drive.google.com/file/d/17SRc7gm2o-v4_rv1d-NDPMO8_i9ely8d/view?usp=drive_link	Yes
1957	Efficient crack detection and quantification in concrete structures using IoT	Ajay Nair, Hemalatha R., P. Sangeetha, Harish Kumar K., Dinesh Kumar P, Inakota Sai Sahith & S. Radha	Civil Engineering and Electronics and Communication Engineering	Australian Journal of Electrical and Electronics Engineering	2021	1448 - 837X	Australian Journal of Electrical and Electronics Engineering: Vol 20, No 2 (Current issue) (tandfonline.com)	https://drive.google.com/file/d/1XiujkfgLmD5zVTOyknoOk4dCpRJlKE-/view?usp=drive_link	Yes
1958	Behaviour of cold-formed steel hollow beam with perforation under flexural loading	P. Sangeetha, S.M.Revathi, V.Sudhakar, D.Swarnavarshini & S.Sweatha	Civil Engineering	Materials Today: Proceedings	2021	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1p3jFrhHbI5IP6HjdNg3SwkNUKVHqnrIA/view?usp=drive_link	Yes
1959	Evaluation of entropy generation with thermal radiation on MHD Carreau fluid stream past a wedge	M.Shanmugapriya, P.Sangeetha & BapijiPullepu	Civil Engineering	Materials Today: Proceedings	2021	2214-7853	Materials Today: Proceedings Journal ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1eOx0aNuK4WAIGhURmdM5frXxA13bQ2EX/view?usp=drive_link	Yes

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1960	Potential of Portland Pozzolana Cement in the Stabilization of an Expansive Soil Subjected to Alternate Cycles of Wetting and Drying	James, J., Natesan, A., Manohar, A., & Subramanian, V	Civil Engineering	Building Materials and Structures	2021	2335-0229	Building Materials and Structures Casopis za Istrazivanja u oblasti materijala i konstrukcija (dimk.rs)	https://drive.google.com/file/d/1nY0A5c8PCNoZusoAcNqEkGtiG5FSwcZ/view?usp=drive_link	Yes
1961	Soil-Structure Interaction of Pile in a Sloping Ground under Different Loading Conditions	S. V. Sivapriya, S. R. Gandhi	Civil Engineering	Geotechnical and Geological Engineering	2019	0960-3182	Geotechnical and Geological Engineering Home (springer.com)	https://drive.google.com/file/d/13j6XDsqFIIEoGdiq1nWPYu4ysKZ5Jwau/view?usp=drive_link	Yes
1962	Study on the Behaviour of the Cold Formed Steel Box Struts under Axial Compression	P. Sangeetha, S. Ramanagopal, A. Jai Vigneshwar, A. Shrinidhi, K. Vaishnavi	Civil Engineering	AIP Conference proceedings	2019	1551-7616	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1S6XB_a7zOtuVw9nnR_D2Q2Q-NG9oblHb/view?usp=drive_link	Yes
1963	Experimental and Analytical Study on the Behaviour of the Steel-Concrete Composite Beam	P. Sangeetha, M. Shamugapriya, R. Manjula, U. Amrutha	Civil Engineering	AIP Conference proceedings	2019	1551-7617	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1zmGyiqUUp18Qw1jmOBdc52O6M5FAuckB/view?usp=drive_link	Yes
1964	Numerical Study on Static Behaviour of a Stone Column under Uniformly Distributed Load	S. V. Sivapriya, Jijo James	Civil Engineering	AIP Conference proceedings	2019	1551-7618	AIP Conference Proceedings AIP Publishing	https://drive.google.com/file/d/1_K8cV9eq-sCnHbL9Uu2g6oa4pBdqxFH7/view?usp=drive_link	Yes

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1965	Behaviour of Cold Formed Steel Built-Up Channel Columns Strengthened using CFRP	Sivakumar N, H.G. Nahushananda Chakravarthy, Noor Amalina Anuar, Sreedhar Kalavagunta, Kamal Nasharuddin Bin Mustapha	Civil Engineering	International Journal of Steel Structures	2020	1598-2351	International Journal of Steel Structures Home (springer.com)	https://drive.google.com/file/d/110I7RxiVO6_HJ-oeQgGUAxAPX45ovMc0/view?usp=drive_link	Yes
1966	Flexural Behaviour of a Cold-Formed Steel-Concrete Composite Beam with Channel Type Shear Connector - An Experimental and Analytical Study	P. Sangeetha	Civil Engineering	Civil and Environmental Engineering Reports	2019	2450-8594	Civil and Environmental Engineering Reports (sciencedirect.com)	https://drive.google.com/file/d/1YWPtF-5Eh-DfmiMzXobbU93w6LJmMRvE/view?usp=drive_link	Yes
1967	Effect of Lightweight Waste-Based Aggregate on Lightweight Concrete	Sivakumar N, Salmia Beddu, Zakaria Che Muda, Daud Mohamad, Agusril, Fadzli Mohamed Nazri, S N Sadon, M Hanafi	Civil Engineering	International Journal of Recent Technology and Engineering	2019	2277-3878	Home - International Journal of Recent Technology and Engineering (IJRTE)	https://drive.google.com/file/d/1XlijhH2Hj5rQUjxF5VHODvm6ZToc_57e/view?usp=drive_link	Yes
1968	Effect of Keel Plate on the Performance of FPSO Suitable for Arctic Ice Environment	R. Vijayalakshmi, R. Sathia	Civil Engineering	Ships and Offshore Structures	2019	1744-5302	Ships and Offshore Structures Taylor & Francis Online (tandfonline.com)	https://drive.google.com/file/d/1ExCeq-ObCUr1uzhDg5u_7NQL8EWfqTP_/view?usp=drive_link	Yes
1969	Experimental Study on Strength Properties of Aluminum Fibre Reinforced Concrete	Y. K. Sabapathy, S. Sabarish, C.N.A Nithish, , S. M. Ramasamy, Gokul Krishna	Civil Engineering	Journal of King Saud University - Engineering Sciences	2019	0018-3639	Journal of King Saud University - Engineering Sciences ScienceDirect.com by Elsevier	https://drive.google.com/file/d/1O5Eckv4YSYWAfp37GsqFFDei8Ah8yR-/view?usp=drive_link	Yes

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1970	A Comparative Laboratory Investigation into the Roll of Geo Synthetics in the Initial Swell Control of an Expansive Soil	Jijo James, Sivapriya S V, Hemavathi S, Sathya P, Jayashree A, Murali P	Civil Engineering	Civil and Environmental Engineering Reports	2019	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1oQV48NRu18ONif1uTm8xNSHIY9IM9Ut/view?usp=drive_link	Yes
1971	Roughness prediction models based on variable distress parameters using neural network and MLRA for PMGSY roads	Makendran C, Vignesh Kumar M, B Mahalingam	Civil Engineering	International Journal of Advanced Science and Technology	2020	2005-4238	International Journal of Advanced Science and Technology (sersc.org)	https://drive.google.com/file/d/1c67UoYOFJL0nP804k-BwQ6C8suJISgeB/view?usp=drive_link	Yes
1972	Comparative study of nanoparticles with saline water for effective PV/T and buried UPVC water distribution	R Nirmala, Rajkumar R, and S Manigandan	Civil Engineering	Desalination and Water Treatment	2020	1944-3994	...: DESWATER ...	https://drive.google.com/file/d/1shqo3qFwtY5P06OubyY73zlxiMUHgSn/view?usp=drive_link	Yes
1973	Construction of multistoreyed buildings in india with environmental perspective	Rajkumar R, Kavya L, Vishvaa R S, and Kamaleswari T	Civil Engineering	TEST Engineering & Management	2020	0193-4120	TEST Engineering & Management (testmagzine.biz)	https://drive.google.com/file/d/19NnpVqoYRTIsBIH_BiNaxknQL-iy7HoK/view?usp=drive_link	Yes
1974	Performance of concrete partially replaced with seashells and coconut shells and coarse aggregates	Rajkumar R, Priyadarshini K, Kamaleswari T, Kavya L, and Vishvaa R S	Civil Engineering	TEST Engineering & Management	2020	0193-4120	TEST Engineering & Management (testmagzine.biz)	https://drive.google.com/file/d/1kmPf4GR_P1230WahSmRJ9Dpg4k_gfOY/view?usp=drive_link	Yes
1975	Compression behaviour of polypropylene fibre reinforced cellular light weight concrete masonry prism	Vijayalakshmi R, and Ramanagopal S	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1qsk1FSVz7hDbtLvV7g4FBgm6lyrbyYr-/view?usp=drive_link	Yes

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1976	Experimental investigation on banana fiber reinforced light weight concrete masonry prism sandwiched with GFRP sheet	Vijayalakshmi R, and Ramanagopal S	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8595	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1qfe6aliTi76T53l2ZHrq112QqFkYJLmx/view?usp=drive_link	Yes
1977	A preliminary comparative study of seepage behaviour behind retaining walls with crumb rubber and geo composite	Sivapriya S V, Sudharasan C, Suraj R, and Abinaya K	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8596	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1EWyf0vKnsWVhm7yxm-EbtK0JII_5gY2o/view?usp=drive_link	Yes
1978	Physio-chemical properties of contaminated soil under the influence of industrial and municipal wastewater	Sivapriya S V, Srinath Rajagopalan, Duraimurugan A, Rakesh S, Ravikumar P, Suryaprakash S	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8597	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/128HCdOVkZrOgF5PYgC2tpxMs8ejhvYZU/view?usp=drive_link	Yes
1979	Performance of chemically stabilized lateritic soil blocks using flyash-lime subjected to alternate cycles of wetting and drying	Jijo James, and Saraswathy R	Civil Engineering	Civil and Environmental Engineering Reports	2020	2450-8598	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/13met7oWGRiWAEiwTWwrrWSX7ctVR-C09i/view?usp=drive_link	Yes
1980	A micro-level investigation of optimum lime content stabilized expansive soil amended with coconut shell powder	Jijo James	Civil Engineering	Slovak Journal of Civil Engineering	2020	1338-3973	Slovak Journal of Civil Engineering (sciendo.com)	https://drive.google.com/file/d/1X1uLTd6BBXh79JCtDyp9Qq2hG1o9zXqh/view?usp=drive_link	Yes
1981	Performance of Steel Concrete Steel Sandwich Beam with Varying Shear connectors	P. Sangeetha, Ashwin Muthuraman R M	Civil Engineering	Indian Journal of Science and Technology	2018	0974-6846	indian journal of science and technology (indjst.org)	https://drive.google.com/file/d/1bG7p8XN6OpxEcAkHhe2WV6ueUYrmt25r/view?usp=drive_link	Yes

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1982	Chemical, Mineral And Microstructural Characterization Of Solid Wastes For Use As Auxiliary Additives In Soil Stabilization	Jijo James, P. Kasinatha Pandian	Civil Engineering	Journal of Solid Waste Technology and Management	2018	1088-1697	The Journal of Solid Waste Technology and Management: Ingenta Connect Publication	https://drive.google.com/file/d/1QappHjJBvW_mxJgSWLTSNMalfVV5A1kh/view?usp=drive_link	Yes
1983	Behaviour of Concrete filled Steel Tubes	Sangeetha P, Ashwin Muthuraman R M, Dachina G, Dhiya M, Janani S, and Sai Madhumathi	Civil Engineering	Journal of Informatics and Mathematical Sciences	2018	0974-875X	https://www.rgnpublications.com/journals/index.php/jims/index	https://drive.google.com/file/d/1Hb59vKXO1WdvJ1rpPBliOvkEl65F3fLJ/view?usp=drive_link	Yes
1984	Entropy Generation Analysis of Cu-water nano fluid flow over a moving wedge	M. Shanmugapriya, P Sangeetha	Civil Engineering and Mathematics	Desalination and Water Treatment	2018	1944-3994	...: DESWATER ...	https://drive.google.com/file/d/1f84agfX5Pdkfr82-dcXQiu3KPzFhFnuT/view?usp=drive_link	Yes
1985	Pozzolanic benefit of fly ash and steel slag blends in the development of uniaxial compressive strength of lime stabilized soil	Jijo James, Ebenezer Paul Billy. Graham D, Mahalakshmi N, Mohan Kumar T, Jayapal M	Civil Engineering	Revista Facultad de Ingenieria	2018	23578-5328	Revista Facultad de Ingenieria (uptc.edu.co)	https://drive.google.com/file/d/1Xo5ZUG3Axx-XzFMI6mtmMu6h2BSpNw9a/view?usp=drive_link	Yes
1986	Behaviour of Cyclic Laterally Loaded Pile Group in soft Clay	S. V. Sivapriya, M. Muttharam	Civil Engineering	Indian Geotechnical Journal	2018	0971-9555	Indian Geotechnical Journal Home (springer.com)	https://drive.google.com/file/d/1hKRmRnnrfW7ycZX7EKnfMQUH37duGKXy/view?usp=drive_link	Yes
1987	Stress strain and penetration characteristics of clay modified with crumb rubber	Sivapriya S V	Civil Engineering	Revista Facultad de Ingenieria	2018	23578-5328	Revista Facultad de Ingenieria (uptc.edu.co)	https://drive.google.com/file/d/1T6WY5LCeJL4G_QAuDtfx0fA3I0YUG6kY/view?usp=drive_link	Yes

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1988	Strength benefit of sawdust/wood ash amendment in cement stabilization of an expansive soil	Jijo James	Civil Engineering	Revista Facultad de Ingenieria	2019	23578-5328	Revista Facultad de Ingenieria (uptc.edu.co)	https://drive.google.com/file/d/1plfRzdVSAUCXD5Qt5Gm1TCHUnnMfvbRO/view?usp=drive_link	Yes
1989	Mechanical properties and Durability of Calcium Carbide Kiln dust Mortar	Sivakumar N, Masimawati Abdul Latif, Hashim Abdul Razak, Kamal Nasharuddin Mustapha, Salmia Beddu, B. Mahalingam, G. Elangovan	Civil Engineering	International Journal of Civil Engineering and Technology	2019	0976-6308	https://iaeme.com/Home/journal/IJCIET	https://drive.google.com/file/d/1z94PhNDfMGLOR9xh-dNfiBEL2LUQOV0N/view?usp=drive_link	Yes
1990	Analysis of Helical Piles with case study in Medium Stiff Clay	R. Vijayalakshmi	Civil Engineering	Indian Journal of Science and Technology	2019	0974-6846	indian journal of science and technology (indist.org)	https://drive.google.com/file/d/13CLnJZ3GfLsPpB0B0dK30HhC53mUzczt/view?usp=drive_link	Yes
1991	Flexural Strength of Engineered Glass Fiber Reinforced concrete Beams	Y. K. Sabapathy, S. Sathyapriya, RM. Manimanickam, B. Mukul Anand, A. Harikrishnan, Shrinidhi A	Civil Engineering	International Journal of Civil Engineering and Technology	2019	0976-6308	https://iaeme.com/Home/journal/IJCIET	https://drive.google.com/file/d/1GQ_F3a7fr69HYyh8urlimPg8ZD5JkYBL/view?usp=drive_link	Yes
1992	Experimental and Parametric Studies of Buried Un-Plasticized Poly Vinyl Chloride Pipes	Nirmala R, Rajkumar R	Civil Engineering	International Journal of Civil Engineering and Technology	2019	0976-6308	https://iaeme.com/Home/journal/IJCIET	https://drive.google.com/file/d/18AQ_8vZPVT6r65A3P256GijinYL15p2a/view?usp=drive_link	Yes
1993	Plasticity and swell shrink behaviour of electrokinetically stabilized virgin expansive soil using calcium hydroxide and calcium chloride solutions as Cationic Fluids	Jijo James, Archana James, Arun Kumar, Elumalai Gomathi, K. Kamal Prasath	Civil Engineering	Civil and Environmental Engineering Reports	2019	2450-8594	Civil and Environmental Engineering Reports (sciendo.com)	https://drive.google.com/file/d/1QoViVmWpXczljuyHjPsX9MizHjhDWJl/view?usp=drive_link	Yes

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1994	Experimental Investigation on the strength characteristics of concrete made with metakaolin foundry sand and demolition waste	Rajkumar R, Lakshmanprasath N, Sharon V, Aravindh R and Gokula Krishnan B	Civil Engineering	International Journal of Civil Engineering and Technology	2019	0976-6308	https://iaeme.co.m/Home/journal/IJCIET	https://drive.google.com/file/d/1jhDiSJvQqP6P3FkOSRK-QzRap6BTp48h/view?usp=drive_link	Yes
1995	Load-displacement behaviour of a pile on a slopping ground for various L/D ratios	Sivapriya S V, Rahul Ramanathan	Civil Engineering	Slovak Journal of Civil Engineering	2019	e1338-3973	Slovak Journal of Civil Engineering (sciencedirect.com)	https://drive.google.com/file/d/1CmFt99LLCP4SZL-4wU7Ey61jzSm0UX6y/view?usp=drive_link	Yes
1996	Functional and Cost benefits of Geo Synthetics as subgrade reinforcement in the design of flexible pavement	Sivapriya S V, Ganeshkumar.S	Civil Engineering	Revista Facultad de Ingenieria	2019	23578-5328	Revista Facultad de Ingenieria (uptc.edu.co)	https://drive.google.com/file/d/1_Qj2HiCEs8HNbYqrfGwRA2YsKfXpJrtP/view?usp=drive_link	Yes
1997	Numerical Study on FRP Wrapped Concrete Columns under Compression	P. Sangeetha, M. Shanmugapriya	Civil Engineering	Indian Journal of Science and Technology	2019	0974-6846	indian journal of science and technology (indjst.org)	https://drive.google.com/file/d/1EqMH3sFTVJlK4iR5iP9Ks1LVIAHmS1f/view?usp=drive_link	Yes
1998	Valorization of crushed glass as a potential replacement for sand in cement stabilized fly ash bricks	Jijo James, R. Saraswathi, P. Kasinatha Pandian, G. Sriram, J. K. Sundar, G. Swarna Kumar, A. Sathish Kumar	Civil Engineering	Civil and Environmental Engineering	2019	2199-6512	https://sciencedirect.com/de/journal/CEE	https://drive.google.com/file/d/1N4-pu4hFWtMcYtVN_PW0y43e1NSUHMtB/view?usp=drive_link	Yes
1999	Influences of Indian postal service quality factors on customer satisfaction amidst Covid-19 pandemic: an empirical study	Sengalani Murugesan Vadivel, Kirubaharab Boopalan	Management Studies	Int J Syst Assur Eng Manag	2023	0976-4348	https://link.springer.com/article/10.1007/s13198-023-01949-6		

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2000	Unlocking the voice of employee perspectives: exploring the relevance of online platform reviews on organizational perceptions	Srinivasan SekarSriji Edakkat Subhakaran	Management Studies	Management Decision	2023	0025-1747	https://www.emerald.com/insight/content/doi/10.1108/MD-11-2022-1509/full/html		
2001	Evaluating Market Trends: Utilizing Rsi Using Machine Learning For Improved Investment Decisions	Srinivas Gumparthi, D.VenkataVaraPrasad Vaseekaran S	Management Studies	NOVYI MIR Research Journal	2023	0130-7673	https://novyimir.net/volume-8-issue-4-2023/		
2002	Bias-driven marketing that instigates pledging to a crowdfunding campaign: An experimental consideration of behavioral anomalies	Dr. P. Theerthaana,C.Joe Arun	Management Studies	International Journal of Consumer Studies (A category in ABDC).AU	2022	1470-6431	https://onlinelibrary.wiley.com/doi/abs/10.1111/ijcs.12795		
2003	A conceptual study on the application of green human resource management (HRM) practices in influencing organisational sustainability	Dr. T.Girija,Dr.S.Meena	Management Studies	Journal of Positive School Psychology.	2022	2717-7564	https://journalppw.com/index.php/jpsp/article/view/3484		
2004	Organic Food Preferences: A Comparison of American and Indian Consumers	Dr. B. Kirubakaran,Dr. S. Bharadhwaj and Dr. Margaret Susairah	Management Studies	Food Quality and Preference (A category in ABDC).(AU)	2022	1873-6343	https://www.sciencedirect.com/science/article/abs/pii/S0950329322001021		
2005	A Conceptual study in Understanding the impact of Internet Of Things towards Supply Chain Management	Dr. T.Girija,Dr.S.Meena	Management Studies	Journal of Positive School Psychology.	2022	2717-7564	https://journalppw.com/index.php/jpsp/article/view/6488		

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2006	What determines a country's proactiveness during a pandemic?	Dr.Sriji.E.S,Srinivasan Sekar & Jino Johny Malakkaran	Management Studies	International Journal of Disaster Risk Reduction. (A category in ABDC, Annexure-1 Anna University).	2022	2212-4209	https://www.sciencedirect.com/journal/international-journal-of-disaster-risk-reduction		
2007	Does gender moderate the purchase intention of organic foods? Theory of reasoned action	Dr.B.Kirubaharan,Raghava R. Gundala a, Nishad Nawaz, Harindranath R M, Vijaya Kumar Gajenderan	Management Studies	Heliyon(AU)	2022	2405-8440	https://www.cell.com/heliyon/pdf/S2405-8440(22)01766-2.pdf		
2008	Stock price prediction using statistical and machine learning techniques	Dr.Srinivas Gumparthi,Dr. Venkata Vara Prasad	Management Studies	Neuroquantology	2022	1303-5150	https://www.neuroquantology.com/open-access/Stock+Price+Prediction+Using+Statistical+and+Machine+Learning+Techniques_8368/		
2009	Sudarsan Jayasingh, Girija T., and Arunkumar S	Determinants of Omnichannel Shopping Intention for Sporting Goods.	Management Studies	Sustainability.	2022	2071-1050	WoS & Scopus Indexed		
2010	Feature Selection with Optimal Variational AutoEncoder for Financial Crisis Model	Kavitha Muthukumaran, Vani Haridasan and K. Hariharanath	Management Studies	Computer Systems Science and Engineering	2022		https://www.techscience.com/csse/v45n1/49337		

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2011	Arithmetic Optimization with Deep Learning Enabled Churn Prediction Model for Telecommunication Industries	Vani HaridasanKavitha Muthukumaran and K. Hariharanath	Management Studies	Intelligent automation and soft computing	2022		IASC Arithmetic Optimization with Deep Learning Enabled Churn Prediction Model for Telecommunication Industries (techscience.com)		
2012	A study of weak form efficeincey of bombay stock exchange sectoral indices.	Dr.Srinivas Gumparthi,Dr. Aabha Singhvi, Dr. Kapil Arora, Yash Doshi	Management Studies	Annals of Forest Research(AU)	2022	18448135	https://www.e-afr.org/article/view/6659.html		
2013	Predction of Stock prices using statistical and Machine learning models a comparative analysis	Srininvas Gumparthi, Venkata Vara prasad, Lokeswari	Management Studies	The Computer journal	2021	0010-4620	https://academic.oup.com/comjnl/article-abstract/65/5/1338/6317640	https://doi.org/10.1093/comjnl/bxab008	
2014	Factors Influencing Consumers' Purchase Intention towards Electric Two-Wheelers	Sudarsan Jayasingh, Girija T., and Arunkumar S	Management Studies	Sustainability.	2021	2071-1050	WoS & Scopus Indexed		
2015	Proliferation of digital payments in India - A pathway to cashless economy	Kavitha M., Vani Haridasan	Management Studies	ECS Transactions	2021		https://iopscience.iop.org/article/10.1149/10701.8777ecst/meta		
2016	Lifestyle and Behaviour of Children during Covid 19	Kavitha M., Vani Haridasan	Management Studies	ECS Transactions	2021		https://iopscience.iop.org/article/10.1149/10701.8727ecst		

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2017	A study of environmental management of construction and demolition waste	Kavitha M., B. Mahalingam	Management Studies	SPICE 2021, Singapore	2021		https://www.springerprofessional.de/en/a-study-of-environmental-management-of-construction-and-demoliti/19886634		
2018	Deep Learning Enabled Financial Crisis Prediction Model for Small - Medium Sized Industries	Kavitha M., K.Hariharanath	Management Studies	Intelligent Automation and Soft Computing	2021		https://www.techscience.com/iasc/v35n1/48127/html		
2019	Work Life balance of women working from home during lockdown	Vani Haridasan, Kavitha M, Yoha D	Management Studies	International journal of Management	2021		IJM_12_01_042.pdf (iaeme.com)		
2020	Optimizing the usage of voice assistants for shopping	Kavitha Muthukumaran, Vani Haridasan	Management Studies	Indian Journal of Science and technology	2021		Optimizing the usage of voice assistants for shopping (indjst.org)		
2021	Implementing Lead qualification Model using ICP forSAAS products	Hariharanath K, Lakshmipriya	Management Studies	International journal of management	2021	0976-6510	10.34218/IJM.11.10.2020.008		
2022	Designing a Lead score model for Digital marketing firms in educational vertical in India	Hariharanath K, Naveen Kumar	Management Studies	Indian Journal of Science and technology	2021	0974-5645	10.17485/IJST/v14i16.290		

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2023	Distributors Views on Digital Services of AMCs in Chennai	Kavitha Muthukumaran, Sampath Kumar	Management Studies	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019		https://www.ijitee.org/wp-content/uploads/papers/v8i9/I8048078919.pdf		
2024	Influence of Website Quality on Consumer Satisfaction among online food ordering	Girija T, Ashok Kumar	Management Studies	International Journal of Technolgy and Engineering	2019		https://www.ijrte.org/portfolio-item/c4894098319/		
2025	Single serving queing model to detarmine the patient flow process in a township hospital	Vijaya Mani, Vani Haridasan	Management Studies	International journal of \ Innovation Technology	2019		L112110812S19.pdf (ijitee.org)		
2026	Leveraging consumers show room behaviour	Vani Haridasan, Kavitha Muthukumaran	Management Studies	International journal of recent technology and engineering	2019		International Journal of Recent Technology and Engineering (IJRTE)		
2027	Consumer brand engagement In social networking sites	Sudarsan Jayasingh,	Management Studies	Cogent business and management	2019		WoS & Scopus Indexed		
2028	Assessing the influence of emotional intellegence on occuaption stress in a manufacturing organisation	vijaya mani, kavitha Muthukumaran,	Management Studies	Test engineering and mgt	2019		http://testmagzine.biz/index.php/testmagzine/article/view/3542		
2029	Industry 4/0 evolutions	Srinivas Gumparthi	Management Studies	International journal of advance sciences	2019		ISSN: 2005-4238 (Print), ISSN: 2207-6360 (Online)		

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2030	Optimizing the Medicine procurement process	Vijaya Mani, Vani Haridasan	Management Studies	International Journal of Engineering and Technology	2018		Optimizing the Medicine Procurement Process International Journal of Engineering & Technology (sciencepubco.com)		
2031	Human Resource Account and Valuation Process	Vijaya Mani, Kavitha Muthukumaran, Sampath Kumar	Management Studies	Journal of Advance research in Dynamic & Control Systems	2018		https://www.jardcs.org/abstract.php?id=926		
2032	The study of living standards and satisfaction in migrant Dorns	Kavitha Muthukumaran, Vani Haridasan	Management Studies	Indian Journal of Science and technology	2018		The Study on Living Standards and Satisfaction in Migrant Dorms (indjst.org)		
2033	Relative Strength Index for developing effective trading strategies in Constructing optimal portfolio	Srinivas Gumparthi, Anith R	Management Studies	International Journal of Applied Engineering	2018	0973-4562	https://www.ripublication.com/ijae/17/ijaerv12n19_124.pdf		
2034	Impact of service quality in service loyalty instrengthening customer relationship in telecom services	Vani Haridasan, Kavitha Muthukumaran	Management Studies	International journal of Mechanical Engg and Technology	2018		IJMET_09_04_069.pdf (iaeme.com)		
2035	Performance analysis of Select companies in Cement Industry	Kavitha Muthukumaran, Vani Haridasan	Management Studies	International Journal of Civil Engineering	2018		IJCIET_09_03_084.pdf (iaeme.com)		

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2036	Vendor rating using analytical Hierarchial Process	Vani Haridasan, Sudarshan Jaya Singh	Management Studies	International Journal of Scientific Research	2018		Vendor Rating Using Analytical Hierarchical Process - Insights from Indian Engineering Construction Industry International Journal of Scientific Research and Management (IJSRM)		
2037	Embeddings between circulant networks and hypertrees	Arul Shantrinal, R. Sundara Rajan, T.M. Rajalaxmi and K. Jagadeesh Kumar	Mathematics	Lecture Notes in Engineering and Computer Science Springer-Verlag,	2018	1611-3349	https://www.springer.com/series/558	3.4.3 Proof - Google Drive	Yes
2038	Improved Bound for Dilation of an Embedding onto Circulant Networks,	R. Sundara Rajan, T.M. Rajalaxmi, Joe Ryan and Mirka Miller	Mathematics	Applied Mathematics and Scientific Computing	2019	2297-0215	https://link.springer.com/book/10.1007/978-3-030-01123-9	3.4.3 Proof - Google Drive	Yes
2039	fixed point theorems in C^* -algebra valued S-metric spaces with some applications	C. Kalaivani and G. Kalpana	Mathematics	U.P.B. Sci. Bull., Series A	2018	1223-7027	Scientific Bulletin-University Politehnica of Bucharest (upb.ro)	3.4.3 Proof - Google Drive	Yes
2040	A design analysis of piezoelectric-polymer composite-based valveless micropump	S.Revathi, N.Padmapriya and R.Padmanabhan	Mathematics	International Journal of Modelling and Simulation	2018	2286203	https://www.tandfonline.com/doi/abs/10.1080/02286203.2018.1482521	3.4.3 Proof - Google Drive	Yes
2041	Generalized average sampling over spline subspaces	S. Yugesh	Mathematics	AIP Conference Proceedings	2019	1551-7616	https://pubs.aip.org/aip/acp	3.4.3 Proof - Google Drive	Yes

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2042	Local Average Sampling and Reconstruction with Fundamental Splines of Fractional Order	P. Devaraj, Peter Massopust and S. Yugesh	Mathematics	Numerical Functional Analysis and Optimization	2019	0163-0563	https://www.tandfonline.com/toc/lnfa20/current	3.4.3 Proof - Google Drive	Yes
2043	Generalized average sampling and reconstruction for wavelet subspaces	S. Yugesh and P. Devaraj	Mathematics	The Journal of Analysis	2018	23672-501	https://www.springer.com/journal/41478	3.4.3 Proof - Google Drive	Yes
2044	Rainbow Connection Number and Chromatic Index of Rough Ideal based Rough Edge Cayley Graph	B.Praba, X.A. Benazir Obilia	Mathematics	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepubco.com/index.php/ijet/about	3.4.3 Proof - Google Drive	No
2045	Regular integrity in graphs	Vasu L, Sundareswaran R, Sampathkumar S and Sujatha R	Mathematics	Malaya Journal of Matematik	2019	2321-5666	https://www.malayajournal.org/index.php/mjm/index	3.4.3 Proof - Google Drive	No
2046	Domination Number of a Rough Zero Divisor Graph of a Rough Semiring	B.Praba,A.Manimaran,M.Logeshwari	Mathematics	Eurasian Journal of Analytical Chemistry	2018	1306-3057	https://ores.su/en/journals/eurasian-journal-of-analytical-chemistry/	3.4.3 Proof - Google Drive	Yes
2047	On Hamiltonian Decompositions of Tensor Product of Graphs	P. Paulraja and S. Sampath Kumar	Mathematics	Applicable Analysis and Discrete Mathematics	2019	2406-100X	http://pefmath.etf.rs/	3.4.3 Proof - Google Drive	Yes
2048	An Application of Multi-layered Fuzzy Attributed Rough set in Studying Organizational Culture System,	B.Praba, Gomathi.G, Vijaya Mani, M. Vageesh	Mathematics	International Journal of Mathematics in Operational Research	2018	1757-5850	https://www.inderscience.com/home.php?icode=ijmor	3.4.3 Proof - Google Drive	Yes
2049	Diabetes Disease Analysis Using Rough Soft Set,	A.Manimaran, B. Praba, G. Deepa, V. M. Chandrasekaran, Krishnamoorthy Venkatesan	Mathematics	International Journal of Engineering and Technology(UAE)	2018	2227-524X	https://ores.su/en/journals/international-journal-of-engineering-and-technologyuae/	3.4.3 Proof - Google Drive	Yes

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2050	Local coloring for the Mycielskian of a Graph	P.Deepa, P. Srinivasan and M.Sundarakannan	Mathematics	Utilitas Mathematica	2018		http://utilitasmathematica.com/index.php/Index/article/view/1357	3.4.3 Proof - Google Drive	Yes
2051	Domination Number of Rough Ideal based Rough Edge Cayley Graph	B.Praba, Benazir Obilia.X.A	Mathematics	International Journal of Engineering & Technology	2018	2227-524X	https://www.sciencepubco.com/index.php/ijet	3.4.3 Proof - Google Drive	No
2052	Lower and upper bound of the Laplacian energy with real and complex roots of an intuitionistic fuzzy directed graph	B. Praba, G. Deepa, V. M. Chandrasekaran	Mathematics	Int. J. Applied Systemic Studies	2018	1751-0589	https://www.inderscience.com/home.php?icode=ijass	3.4.3 Proof - Google Drive	No
2053	Independence Number and Domination Number of a Rough Co-zero Divisor graph of a Rough Semiring	B. Praba,M. Logeshwari	Mathematics	Journal of Advanced Research in Dynamical & Control Systems	2018	1943-023X	https://ores.su/en/journals/journal-of-advanced-research-in-dynamical-and-control-systems/	3.4.3 Proof - Google Drive	No
2054	M/G/1 feedback queue with two stage heterogeneous service and deterministic server vacations	S.Vanitha	Mathematics	International Journal of Applied Engineering Research	2018	0973 - 4562	https://www.ripublication.com/ijae_r.htm	3.4.3 Proof - Google Drive	No
2055	Characterisation of friction stir welds by logistic regression using fractal and wavelet features	N Padmapriya, N Venkateswaran, K Vijayalakshmi, GK Mallieswaran, .R.Padmanabhan	Mathematics	Advances in Materials and Processing Technologies	2019	23740698	https://doi.org/10.1080/2374068X.2019.1641002	3.4.3 Proof - Google Drive	Yes
2056	Analytical modelling and numerical simulation of 0–3 PZT/PVDF composite actuated micropump	S.Revathi, N.Padmapriya and R.Padmanabhan	Mathematics	Advances in Materials and Processing Technologies	2020	23740698	https://doi.org/10.1080/2374068X.2020.1754719	3.4.3 Proof - Google Drive	Yes
2057	3D design of orthotic casts and braces in medical applications	N.Venkateswaran, W.Jino Hans and N.Padmapriya	Mathematics	Advances in Materials and Processing Technologies	2020	23740698	https://doi.org/10.1080/2374068X.2020.1754743	3.4.3 Proof - Google Drive	Yes

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2058	Fuzzy SVM based pre-processing technique for infrared (IR) thermal images	Madura Meenakshi, R Padmapriya, N. Venkateswaran, N.	Mathematics	<u>Journal of Intelligent & Fuzzy Systems,</u>	2020	18758967	10.3233/JIFS-190860	<u>3.4.3 Proof - Google Drive</u>	Yes
2059	<i>A Characterization of the Annihilators of a Rough Semiring</i>	B.Praba, Saranya.R, Gomathi. G	Mathematics	International Journal of Recent Technology and Engineering (IJRTE	2020	2277-3878	<u>https://www.ijrte.org/</u>	<u>3.4.3 Proof - Google Drive</u>	Yes
2060	Return Time Probability Distribution of a Finite Markov Chain	B. Praba, R. Sujatha	Mathematics	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	<u>https://www.ijitee.org/</u>	<u>3.4.3 Proof - Google Drive</u>	Yes
2061	<i>Application of Category Graph in finding the Wiener Index of Rough Ideal based Rough Edge Cayley Graph</i>	B.Praba, Benazir Obilia.X.A	Mathematics	Applied Mathematics and Information Sciences	2019	1935-0090	<u>https://digitalcommons.aaru.edu.io/amis/</u>	<u>3.4.3 Proof - Google Drive</u>	Yes
2062	<i>Clique Number and Girth of Rough Ideal based Rough Edge Cayley Graph</i>	B.Praba, Benazir Obilia.X.A	Mathematics	New Mathematics and Natural Computation	2019	1793-0057	<u>https://www.worldscientific.com/worldscinet/nmnc</u>	<u>3.4.3 Proof - Google Drive</u>	Yes
2063	<i>Application of the Graph Cellular Automaton in generating Languages</i>	B.Praba, Saranya.R	Mathematics	Mathematics and Computers in Simulation	2020	0378-4754	<u>https://www.sciencedirect.com/journal/mathematics-and-computers-in-simulation</u>	<u>3.4.3 Proof - Google Drive</u>	Yes
2064	Study of M/G/1 feedback queue with deterministic server vacations	S.Vanitha	Mathematics	International Journal of Applied Engineering Research	2019	0973 - 4562	<u>https://www.ripublication.com/ijae_r.htm</u>	<u>3.4.3 Proof - Google Drive</u>	No

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2065	"A Note on Principal Rough Ideals of a Rough Monoid	B. Praba, A. Manimaran, G. Deepa, and I. Muchtadi-Alamsyah	Mathematics	Advances in mathematics scientific journal	2020	1857-8365	https://www.research-publication.com/amsj/	3.4.3 Proof - Google Drive	No
2066	Lower bounds for dilation, wirelength, and edge congestion of embedding graphs into hypercubes	R. Sundara Rajan, Thomas Kalinowski, Sandi Klavžar, Hamid Mokhtar, T.M. Rajalaxmi,	Mathematics	The Journal of Supercomputing	2020	1573-0484	https://www.springer.com/journal/11227	3.4.3 Proof - Google Drive	Yes
2067	Forcing sets in triangular grid networks, Procedia Computer Science	Jessy Sujana, T. M. Rajalaxmi,	Mathematics	Procedia Computer Science	2020	1877-0509	https://www.sciencedirect.com/journal/procedia-computer-science	3.4.3 Proof - Google Drive	Yes
2068	Transmission in Certain Trees, Procedia Computer Science	Jane Olive Sharon, T. M. Rajalaxmi	Mathematics	Procedia Computer Science	2020	1877-0509	https://www.sciencedirect.com/journal/procedia-computer-science	3.4.3 Proof - Google Drive	Yes
2069	On Zagreb Indices of Double Vertex Graphs	S. Sampath Kumar, R. Sundareswaran and M. Sundarakannan	Mathematics	TWMS Journal of Applied and Engineering Mathematics,	2020	2587-1013	http://jaem.isikun.edu.tr/web/	3.4.3 Proof - Google Drive	Yes
2070	linear time algorithm for embedding chord graphs into certain necklace and windmill graphs	T. M. Rajalaxmi , N. Parthiban , Joe Ryan , A. Arul Shantrinal , R. Sundara Rajan	Mathematics	The Journal of Supercomputing	2020	2664-2557	https://www.dmltt.com/	3.4.3 Proof - Google Drive	Yes
2071	On Product of Smooth Neutrosophic topological spaces	C. Kalaivani, S. Swathisundari, Florentin Smarandache and Saied Jafari	Mathematics	Symmetry	2020	2073-8994	Symmetry An Open Access Journal from MDPI	3.4.3 Proof - Google Drive	Yes
2072	GFRP wrapped concrete column compressive strength prediction through neural network	P. Sangeetha, M. Shanmugapriya	Mathematics	SN Applied Sciences	2023	2523-3971	https://www.springer.com/journal/42452	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2073	Topological and Thermodynamic Entropy Measures for COVID - 19 Pandemic through Graph Theory	G. Kirithiga Nandini, R. Sundara Rajan, A. Arul Shantrinal, T. M. Rajalaxmi, Indra Rajasingh and Krishnan Balasubramanian	Mathematics	Symmetry	2023	2073-8994	Symmetry An Open Access Journal from MDPI	3.4.3 Proof - Google Drive	Yes
2074	Geodetic Domination Integrity in Graphs	G. Balaraman, S. Sampath Kumar, R. Sundareswaran	Mathematics	TWMS J. App. and Eng. Math.	2023	2587-1013	http://jaem.isikun.edu.tr/web/	3.4.3 Proof - Google Drive	No
2075	Prediction of Mechanical Strength of Polypropylene Fibre Reinforced Concrete using Artificial Neural Network	P. Sangeetha, M. Shanmugapriya	Mathematics	Gradevnski Materijali I Konstrukcije- Building Materials and Structures	2023	2217-8139	http://scindeks.ceon.rs/journalDetails.aspx?issn=2217-8139&lang=en	3.4.3 Proof - Google Drive	No
2076	Neural Network Modeling of Convection Heattransfer Coefficient for the Casson Nanofluid	M. Shanmugapriya and P. Sangeetha	Mathematics	TWMS J. App. and Eng. Math	2023	2587-1013	http://jaem.isikun.edu.tr/web/	3.4.3 Proof - Google Drive	No
2077	Study of the Concrete Production Process -A graph theoretic approach	P Sangeetha, M Shanmugapriya, R Sundareswaran, K Sowmya and S Srinidhi	Mathematics	Journal of Physics: Conference Series	2023	1742-6596	https://iopscience.iop.org/journal/1742-6596	3.4.3 Proof - Google Drive	No
2078	Artificial neural network applications in fiber reinforced concrete	P Sangeetha & M Shanmugapriya	Mathematics	Journal of Physics: Conference Series	2023	1742-6596	https://iopscience.iop.org/journal/1742-6596	3.4.3 Proof - Google Drive	No
2079	Intensification of heat and mass transfer process in MHD carreau nanofluid flow containing gyrotactic microorganisms	M.Elayarani, M.Shanmugapriya, P.Senthil Kumar	Mathematics	Chemical Engineering and Processing - Process Intensification,	2021	1873-3204	https://www.sciencedirect.com/journal/chemical-engineering-and-processing-process-intensification	3.4.3 Proof - Google Drive	No
2080	A Different Approach to Fixed Point Theorems on Triple Controlled Metric Type Spaces with a Numerical Experiment	Sumaiya Tasneem Z, Kalpana Gopalan, and Thabet Abdeljawad	Mathematics	Dynamic Systems and Applications	2021	1873-3205		3.4.3 Proof - Google Drive	No

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2081	A fixed point approach to the solution of singular fractional differential equations with integral boundary conditions	Kalaivani Chandran, Kalpana Gopalan, Sumaiya Tasneem Zubair and Thabet Abdeljawad,	Mathematics	Advances in Difference Equations	2021	0255-2701	Advances in Difference Equations (springeropen.com)	3.4.3 Proof - Google Drive	No
2082	Stationary Solution of A Fluid Queue Driven By A Queue With Chain Sequence Rates And Controlled Input,	Dr. S. Sophia and B.Muthu Deepika	Mathematics	Studia Scientiarum Mathematicarum Hungarica	2021	1588-2896	https://akjournals.com/view/journal/s/012/012-overview.xml	3.4.3 Proof - Google Drive	Yes
2083	Vulnerability Parameters in Honeycomb Networks,	L. Vasu, R. Jagadesh, and Dr. R. Sundareswaran,	Mathematics	Advances in Mathematics: Scientific Journal	2021	1857-8365	https://www.research-publication.com/amsj/	3.4.3 Proof - Google Drive	Yes
2084	Biochemical and phylogenetic networks-1: hypertrees and corona products	R. Sundara Rajan, K. Jagadeesh Kumar, A. Arul Shantrinal, T. M. Rajalaxmi, Indra Rajasingh, Krishnan Balasubramanian,	Mathematics	Journal of Mathematical Chemistry	2021	1572-8897	https://www.springer.com/journal/10910	3.4.3 Proof - Google Drive	Yes
2085	Biochemical and phylogenetic networks-II: X-trees and phylogenetic trees	R. Sundara Rajan, A. Arul Shantrinal, K. Jagadeesh Kumar, T. M. Rajalaxmi, Indra Rajasingh, Krishnan Balasubramanian,	Mathematics	Journal of Mathematical Chemistry	2021	1572-8897	https://www.springer.com/journal/10910	3.4.3 Proof - Google Drive	Yes
2086	Outer Connected Resolving Sets in A Graph	J. Sivakumar, A. Wilson Baskar, R. Sundareswaran, P. Nataraj, and V. Swaminathan	Mathematics	Advances in Mathematics: Scientific Journal	2021	1857-8365	https://www.research-publication.com/amsj/	3.4.3 Proof - Google Drive	Yes
2087	Modeling and prediction of fatigue life of brass and EN24 steel using soft computing tool,	P. Sangeetha and M. Shanmugapriya	Mathematics	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	3.4.3 Proof - Google Drive	Yes

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2088	Evaluation of entropy generation with thermal radiation on MHD Carreau fluid stream past a wedge	M. Shanmugapriya, P. Sangeetha and Bapuji Pullepu	Mathematics	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	3.4.3 Proof - Google Drive	Yes
2089	Inquiry of MHD bioconvective non-newtonian nanofluid flow over a moving wedge using HPM,	S.Gopi Krishna and M.Shanmugapriya	Mathematics	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	3.4.3 Proof - Google Drive	Yes
2090	Rough Fuzzy Graph Cellular Automaton	B. Praba and R. Saranya	Mathematics	Advances in Mathematics: Scientific Journal	2021	1857-8365	https://www.research-publication.com/amsj/	3.4.3 Proof - Google Drive	Yes
2091	Influential nodes in planar trusses and meshes using centrality measures,	P.Sangeetha, R.Sundareswaran, M.Shanmugapriya, S.Srinidhi, K.Sowmya	Mathematics	Materials Today	2021	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	3.4.3 Proof - Google Drive	Yes
2092	Transmission in H-naphthalenic nanosheet	Jane Olive Sharon, T.M. Rajalaxmi, Sandi Klavar, R. Sundara Rajan, Indra Rajasingh,	Mathematics	Applied Mathematics and Computation	2021	1873-5649	https://www.sciencedirect.com/journal/applied-mathematics-and-computation	3.4.3 Proof - Google Drive	Yes
2093	Deep learning based robust forward collision warning system with range prediction	N. Venkateswaran, W. Jinans & N. Padmapriya	Mathematics	Multimedia Tools and Applications	2021	1573-7721	https://doi.org/10.1007/s11042-021-10703-8	3.4.3 Proof - Google Drive	Yes
2094	Local Weighted Average Sampling Over Multiply Generated Spline Spaces of Polynomial Growth	S. Yugesh and P.Devaraj	Mathematics	Springer Proceedings in Mathematics & Statistics	2021	2194-1017	https://link.springer.com/chapter/10.1007/978-981-33-4646-8_45	3.4.3 Proof - Google Drive	Yes
2095	An Analysis of Organizational Behaviour using k-Approximation Spaces	B. Praba, Gomathi.G	Mathematics	Turkish Journal of Computer and Mathematics Education	2021	1309-4653	https://www.turcomat.org/index.php/turkbilmat	3.4.3 Proof - Google Drive	Yes

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2096	Clique Number and Girth of the Rough Co-zero Divisor Graph	B.Praba, M. Logeshwari	Mathematics	Turkish Journal of Computer and Mathematics Education	2021	1309-4653	https://www.turcomat.org/index.php/turkbilmat	3.4.3 Proof - Google Drive	Yes
2097	A study of spreading rate of COVID19 using non-homogeneous rough graph cellular automaton	B.Praba, R.Saranya	Mathematics	Indian Journal of Natural Sciences	2021	0976-0997	https://tnsroindia.org.in/journals.html	3.4.3 Proof - Google Drive	Yes
2098	Non-homogeneous rough finite state automaton	B.Praba, R.Saranya	Mathematics	Registration geintec gastao inovacao tecnologias	2021	2237-0722	https://revistageintec.net/index.php/journal	3.4.3 Proof - Google Drive	Yes
2099	Local edge coloring of graphs	P. Deepa, P. Srinivasan and M. Sundarakannan	Mathematics	AKCE International Journal of Graphs and Combinatorics	2021	0972-8600	https://doi.org/10.1080/09728600.2021.1915722	3.4.3 Proof - Google Drive	Yes
2100	Freire, Wilhelm Passarella, Deep quaternion Fourier transform for salient object detection	Revathi, T., Rajalaxmi, T. M., Sundara Rajan, R.,	Mathematics	Journal of intelligent and fuzzy systems	2021	1875-8967	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	3.4.3 Proof - Google Drive	Yes
2101	Study of power plant selection process – A graph theoretic approach	R. Sriganesh, R. Sundareswaran, M. Shanmugapriya and M. Pandikumar, A	Mathematics	Journal of Physics: Conference Series	2021	1742-6596	https://iopscience.iop.org/journal/1742-6596	3.4.3 Proof - Google Drive	Yes
2102	Transient Analysis of a Single Server Queue with Encouraged Arrivals and Catastrophes Encouraged	S, Sophia and B. Muthu Deepika	Mathematics	Journal of Huazhong University of Science and Technology	2021	1671-4512	https://portal.issn.org/resource/ISSN/1671-4512	3.4.3 Proof - Google Drive	Yes
2103	Large sets of Wrapped Hamilton Cycle Decompositions of Blown up cycles $C_m[K_n]$	S. Sampath Kumar and K. Sankar	Mathematics	Indian Journal of Natural Sciences	2021	0976-0997	https://tnsroindia.org.in/journals.html	3.4.3 Proof - Google Drive	Yes

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2104	An algorithm for embedding Turán graphs into incomplete hypercubes with minimum wirelength	A. Arul Shantrinal, Sandi Klavžar, T. M. Rajalaxmi, and R. Sundara Rajan,	Mathematics	Journal of Graph Algorithms and Applications	2021	1526-1719	https://igaa.info/	3.4.3 Proof - Google Drive	Yes
2105	An asymptotic relation between the wirelength of an embedding and the Wiener index	K. Jagadeesh Kumar, Sandy Klavzar, R. Sundara Rajan, Indra Rajasingh, T. M. Rajalaxmi	Mathematics	Discrete Mathematics Letters	2021	2664-2557	https://www.dmlett.com/	3.4.3 Proof - Google Drive	Yes
2106	Passivity based on synchronization of T-S fuzzy energy resources system,	V. Vembarasan	Mathematics	Journal of Mathematics and Computer Science-JMCS	2021			3.4.3 Proof - Google Drive	Yes
2107	Complementary equitably totally disconnected equitable domination in graphs	P. Nataraj, R. Sundareswaran, V. Swaminathan	Mathematics	Discrete Mathematics	2021	1793-8309	https://www.worldscientific.com/page/dmaa/abstracted-indexed	3.4.3 Proof - Google Drive	Yes
2108	Edge Forcing in Butterfly Networks	Jessy Sujana G., T.M. Rajalaxmi, Indra Rajasingh and R. Sundara Rajan	Mathematics	Fundamenta Informatica	2021	1875-8681	https://www.iospress.com/catalog/journals/fundamenta-informaticae	3.4.3 Proof - Google Drive	Yes
2109	Heat and Mass Transfer Enhancement of MHD Hybrid Nanofluid Flow in the Presence of Activation Energy	M. Shanmugapriya , R. Sundareswaran , and P. Senthil Kumar	Mathematics	International Journal of Chemical Engineering	2021	1687-806X	https://www.hindawi.com/journals/ijce/	3.4.3 Proof - Google Drive	Yes
2110	Equitably strong non-split equitable domination in graphs	P. Nataraj,R. Sundareswaran , V. Swaminathan	Mathematics	Proyecciones	2021	0716-0917	https://www.revistaproyecciones.cl/	3.4.3 Proof - Google Drive	Yes
2111	Sentiment analysis using Rough Co-zero Divisor Graph	B.Praba, M. Logeshwari	Mathematics	Journal of Mathematical and Computational Science	2021	1927-5307	https://scik.org/index.php/jmcs/index	3.4.3 Proof - Google Drive	Yes
2112	Wiener Index of Rough Co-Zero Divisor Graph O of A Rough Semiring	B.Praba, M. Logeshwari	Mathematics	Dynamic Systems and Applications	2021	1056-2176	https://acadsol.eu/dsa/home	3.4.3 Proof - Google Drive	Yes

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2113	New Fixed Point Results for Generalized Θ -Contraction in Extended Gb-Metric Spaces with an Application	Sumaiya Tasneem Z , Kalpana Gopalan, Thabet Abdeljawad	Mathematics	Gazi University Journal of Science	2021			3.4.3 Proof - Google Drive	Yes
2114	On Fuzzy Extended Hexagonal b-Metric Spaces with Applications to Nonlinear Fractional Differential Equations	Sumaiya Tasneem Zubair, Kalpana Gopalan, Thabet Abdeljawad, Bahaaeldin Abdalla	Mathematics	Symmetry	2021			3.4.3 Proof - Google Drive	Yes
2115	Embedding complete multipartite graphs into Cartesian product of paths and cycles	R. Sundara Rajan, A. Arul Shantrinal, T.M. Rajalaxmi, Jianxi Fan, Weibei Fan	Mathematics	Electronic Journal of Graph Theory and Applications	2021	2338-2287	https://www.ejgta.org/index.php/ejgta	3.4.3 Proof - Google Drive	Yes
2116	Prediction of Indian GDP using Grey Forecast Model	B. Praba, S. Sophia, Laasya Subramanyam, Sasya Subramanyam, Shamitha Dev and Shruthi Arun	Mathematics	Indian Journal of Natural Sciences	2021	0976 – 0997	https://tnsroindia.org.in/journals.html	3.4.3 Proof - Google Drive	No
2117	Equitable fair domination in graphs, Discrete Mathematics	V. Swaminathan,R. Sundareswaran R. Lakshmanaraj,P. Nataraj,L. Muthusubramanian	Mathematics	Algorithms and Applications	2021	1793-8309	https://www.worldscientific.com/page/dmaa/abstracted-indexed	3.4.3 Proof - Google Drive	No
2118	An M/G/1 Queue With Second Optional Service and Deterministic Repair Times	S Vanitha	Mathematics	International Journal of Natural Sciences	2022	2169-0065	https://www.tandfonline.com/toc/tmdc20/current	3.4.3 Proof - Google Drive	Yes
2119	Average and Convolution Sampling over Shift-Invariant Spaces	Devaraj Ponnaian, Ankush Kumar Garg and Yugesh Shanmugam	Mathematics	Complex Analysis and Operator Theory	2022			3.4.3 Proof - Google Drive	Yes

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
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2120	New Fixed Point Theorem on Triple Controlled Metric Type Spaces with Applications to Volterra - Fredholm Integro-Dynamic Equations	Kalpana Gopalan, Sumaiya Tasneem Zubair, Thabet Abdeljawad and Nabil Mlaiki	Mathematics	Axioms	2022	1661-8262	https://link.springer.com/article/10.1007/s11785-021-01165-9	3.4.3 Proof - Google Drive	Yes
2121	Vulnerability Parameters in Neutrosophic Graphs	R.V. Jaikumar, R. Sundareswaran, G. Balaraman , P K Kishore Kumar, Said Broumi,	Mathematics	Neutrosophic Sets and Systems	2022			3.4.3 Proof - Google Drive	Yes
2122	Identification of Proper and Improper Signatures Using Graph Theory Techniques	A Daniel Raj, P Venugopal , N Padmapriya	Mathematics	Indian Journal Of Science And Technology	2022	2331-6055	https://fs.unm.edu/NSS/	3.4.3 Proof - Google Drive	Yes
2123	Reliability Measures in Neutrosophic Soft Graphs	A. Anirudh , R. Aravind Kannan , R. Sriganesh , R. Sundareswaran, S. Sampath Kumar , M. Shanmugapriya, Said Broumi	Mathematics	Neutrosophic Sets and Systems	2022	0974-5645	10.17485/IJST/v15i6.1913	3.4.3 Proof - Google Drive	Yes
2124	Novel fixed point technique to coupled system of nonlinear implicit fractional differential equations in complex valued fuzzy rectangular b-metric spaces	Sumaiya Tasneem Zubair, Kalpana Gopalan, Thabet Abdeljawad, Nabil Mlaiki	Mathematics	AIMS Mathematics	2022	2331-6055	https://fs.unm.edu/NSS/	3.4.3 Proof - Google Drive	Yes
2125	M/G/1 Queue with Two Types of Service and Multiple Server Vacation	S.Vanitha	Mathematics	Indian Journal of Natural Sciences	2022			3.4.3 Proof - Google Drive	Yes
2126	A year into the pandemic: A mathematical model and study of COVID-19 in India,	Shwetha Srikanth, S.Sneha & N.Padmapriya	Mathematics	Indian Journal of Public Health Research & Development	2022	0976-0997	https://tnsroindia.org.in/journals.html	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2127	Study the effect of intermediate and closer stiffener on the behaviour of the cold - formed steel lipped channel section under axial compression	P. Sangeetha, M. Shanmugapriya, R. Manjula, Aparna P. Vijay, K. Sooraj	Mathematics	Journal of Materials and Engineering Structures	2022	0976-5506	https://doi.org/10.37506/ijphrd.v13i1.17373	3.4.3 Proof - Google Drive	Yes
2128	Attribute based Double Bounded Rough Neutrosophic Sets in Facial Expression Detection	Praba B, Pooja S and Nethraa Sivakumar	Mathematics	Neutrosophic Sets and Systems	2022	2170-127X	https://revue.umto.dz/index.php/JMES	3.4.3 Proof - Google Drive	Yes
2129	Prediction of bio-heat and mass transportation in radiative MHD Walter-B nanofluid using MANFIS model	S. Gopi Krishnaa, M. Shanmugapriya, P. Senthil Kumar,	Mathematics	Mathematics and Computers in Simulation	2022	2331-608X	https://digitalrepository.unm.edu/nss_journal/#:~:text=Neutrosophic%20Sets%20and%20Systems%20(NSS,their%20applications%20in%20any%20field.	3.4.3 Proof - Google Drive	Yes
2130	Best Fuzzy Graph with Application in Fuzzy Social Network	R Sumathi, R. Sujatha, R. Sundareswaran	Mathematics	AIP Conf. Proc.	2022	1872-7166	https://www.sciencedirect.com/journal/mathematics-and-computers-in-simulation	3.4.3 Proof - Google Drive	Yes
2131	New Fixed Point Theorems In Operator Valued Extended Hexagonal B-Metric Spaces	Kalpana Gopalan, Sumaiya Tasneem Zubair and Thabet Abdeljawad	Mathematics	Palestine Journal of Mathematics	2022	0094243X	https://pubs.aip.org/aip/acp	3.4.3 Proof - Google Drive	Yes
2132	Mechanical properties of concrete with seashell waste as partial replacement of cement and aggregate	P. Sangeetha, M. Shanmugapriya, K. Santhosh Saravanan, P. Prabhakaran, V. Shashankar	Mathematics	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2133	Theory and Applications of Fermatean Neutrosophic Graphs	Said Broumi, R. Sundareswaran, M. Shanmugapriya, Assia Bakali, Mohamed Talea	Mathematics	Neutrosophic Sets and Systems	2022	2331-6055	https://fs.unm.edu/NSS/	3.4.3 Proof - Google Drive	Yes
2134	Diabetic Neuropathy Severity Assessment: A Neutrosophic approach	R. Sundareswaran , V. Mahesh, Said Broumi , R. Dhanush Babu , M Vahini	Mathematics	International Journal of Neutrosophic Science	2022	2690-6805	https://journals.in.dexcopernicus.com/search/details?id=66263	3.4.3 Proof - Google Drive	No
2135	FRDS: An efficient unique on-Chip interconnection network architecture, Integration	Aravindhan A , Sundarakannan M, Lakshminarayanan G , Seok-Bum Ko	Mathematics	the VLSI Journal	2022		https://doi.org/10.1016/j.vlsi.2022.06.014	3.4.3 Proof - Google Drive	Yes
2136	Fuzzy Graph Cellular Automaton and Its Applications in Parking Recommendations	DR.B.Praba & R.Saranya	Mathematics	New Mathematics and Natural Computation	2022	1793-0057	https://www.worldscientific.com/worldscinet/nmnc	3.4.3 Proof - Google Drive	Yes
2137	Wiener Index via Wirelength of an Embedding	G. Kirithiga Nandini, R. Sundara Rajan, T.M. Rajalaxmi, A. Arul Shantrinal, K.S.K. Sharifah and H. Roslan	Mathematics	Discrete Mathematics Algorithms and Applications	2022	1793-8317	https://www.worldscientific.com/worldscinet/dmaa	3.4.3 Proof - Google Drive	Yes
2138	Assessment of structural cracks in buildings using single-valued neutrosophic DEMATEL model	R. Sundareswaran, P. Sangeetha, M. Shanmugapriya, M. Thaga Sheriff, M. Benasir, A. Shri Thrisha, R. Sathyaprakash,	Mathematics	Materials Today: Proceedings	2022	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	3.4.3 Proof - Google Drive	Yes
2139	Diabetic Neuropathy Severity Assessment: A Neutrosophic approach	R. Sundareswaran, V. Mahesh, R. Dhanush Babu , M Vahini	Mathematics	International Journal of Neutrosophic Science (IJNS)	2022			3.4.3 Proof - Google Drive	Yes
2140	Edge integrity for signed fuzzy graphs	Sankar Chakaravarthy, Kalaivani Chandran, Saravanan Mariappan and Sujatha Ramalingam	Mathematics	Journal of Intelligent & Fuzzy Systems	2022	1064-1246	Journal of Intelligent & Fuzzy Systems - Volume Pre-press, issue Pre-press - Journals - IOS Press	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2141	Impact of nanoparticle shape in enhancing heat transfer of magnetized ternary hybrid nanofluid	M. Shanmugapriya, R. Sundareswaran, P. Senthil Kumar, Gayathri Rangasamy	Mathematics	Sustainable Energy Technologies and Assessments	2022	2213-1396	https://www.sciencedirect.com/journal/sustainable-energy-technologies-and-assessments	3.4.3 Proof - Google Drive	Yes
2142	Prediction of thermal and energy transport of MHD Sutterby hybrid nanofluid flow with activation energy using Group Method of Data Handling (GMDH)	S Gopi Krishna, M Shanmugapriya, Ammar Alsinai, Abdu Alameri	Mathematics	Computational and Applied Mathematics	2022	1807-0302	https://www.springer.com/journal/40314	3.4.3 Proof - Google Drive	Yes
2143	Attribute based Double bounded rough neutrosophic sets in facial expression detection	Praba.B, Pooja.S & Nethraa sivakumar	Mathematics	Neutrosophic Sets and Systems	2022	2331-608X	https://digitalrepository.unm.edu/nss_journal/#:~:text=Neutrosophic%20Sets%20and%20Systems%20(NSS,their%20applications%20in%20any%20field.	3.4.3 Proof - Google Drive	Yes
2144	Hospital Selection Process based on Graph theory	R.Dhanush Babu, R.Sundareswaran, M.Shanmugapriya and Mahesh, Veezhinathan,, M. Vahini, S.Shakti Varsha	Mathematics	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html	3.4.3 Proof - Google Drive	Yes
2145	Interval- Valued Fermatean Neutrosophic Graphs	Said Broumi, R. Sundareswaran, M. Shanmugapriya, Giorgio, Nordo, Mohamed Talea, Assia Bakali, and Florentin Smarandache	Mathematics	Decision Making: Applications in Management and Engineering	2022	2560-6018	https://www.dma-me-journal.org/index.php/dmame	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2146	Strong domination integrity in graphs and fuzzy graphs,	Balaraman Ganesan, Sundareswaran Raman, Balaraman Ganesan, Madhumangal Pal,	Mathematics	Journal of Intelligent & Fuzzy Systems	2022	1875-8967	https://www.iospress.com/catalog/journals/journal-of-intelligent-fuzzy-systems	3.4.3 Proof - Google Drive	Yes
2147	Dominating Safe Sets in Graphs	D.Yokesh, R.Sundareswaran, V. Swaminathan	Mathematics	Indian Journal of Natural Sciences	2022	0976-0997	https://tnsroindia.org.in/journals.html	3.4.3 Proof - Google Drive	Yes
2148	Vulnerability Parameters in Neutrosophic Graphs	R.V. Jaikumar, R. Sundareswaran, R.V. Jaikumar, G. Balaraman, PK Kishore Kumar, Said Broumi,	Mathematics	Neutrosophic Sets and Systems	2022	2331-6055	https://fs.unm.edu/NSS/	3.4.3 Proof - Google Drive	Yes
2149	Outer complete fair domination in graphs	V. Swaminathan, R. Sundareswaran, D. Lalkshmanaraj, L Muthusubramanian,	Mathematics	Discrete Mathematics, Algorithms and Applications	2022	1793-8317	https://www.worldscientific.com/worldscinet/dmaa	3.4.3 Proof - Google Drive	Yes
2150	A constructive partitioning based mapping approach for Networks-on-Chip	Aravindhan Algarsamy, Sundarakannan Mahilmaran, Lakshminarayanan Gopalakrishnan, Seok-Bum Ko, SMA	Mathematics	Microprocessors and Microsystems	2022		https://doi.org/10.1016/j.micpro.2022.104678	3.4.3 Proof - Google Drive	Yes
2151	Assessment and Evaluation of Diabetic Foot using Biothesiometry and Artificial Neural Networks	M. Shanmugapriya, R Sundareswaran, Mahesh Veezhinathan	Mathematics	Journal of Clinical and Diagnostic Research	2022	0973-709X	https://www.icdr.net/	3.4.3 Proof - Google Drive	Yes
2152	DOMINATOR SEMI STRONG COLOR PARTITION IN GRAPHS	Praba VENKATRENGAN, Raman SUNDARESWARAN, Swaminathan VENKATASUBRAMANIAN	Mathematics	Commun.Fac.Sci. Univ.Ank.Ser. A1 Math. Stat.,	2022	1303-5991	https://dergipark.org.tr/en/pub/cfsuasmas	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2153	Comparative Study of Dental Implant Materials Using Digraph Techniques	Mahesh Veezhinathan,, Sundareswaran Raman, Harsha Balakrishnan, Varsha Seshadri, , Nikileswari Lakshminarayanan	Mathematics	AIP Conf. Proc.,	2022	0094243X	https://pubs.aip.org/aip/acp	3.4.3 Proof - Google Drive	Yes
2154	Entropy minimization in non-linear radiative heat transfer of magnetized Carreau nanofluid using PSO technique,	M. Elayarani, M. Shanmugapriya,	Mathematics	AIP Conference Proceedings	2022	0094243X	https://pubs.aip.org/aip/acp	3.4.3 Proof - Google Drive	Yes
2155	Integrity and Domination Integrity in Neutrosophic Soft Graph	R. V. Jaikumar, R. Sundareswaran, R. V. Jaikumar, Said Broumi	Mathematics	Neutrosophic Sets and Systems	2023	2331-6055	https://fs.unm.edu/NSS/	3.4.3 Proof - Google Drive	Yes
2156	Failure analysis of pump piping system using DEMATEL SVN methodology	R. Sundareswaran, S. Vijayan, Sneha S , Srinath Venkatesh , Vishnu Prasad P R, Viswapriya G, Lakshmi Narayan Mishra and Said Broumi	Mathematics	Neutrosophic Sets and Systems	2023	2331-6055	https://fs.unm.edu/NSS/	3.4.3 Proof - Google Drive	Yes
2157	Predicting the shoreline changes in Vishakhapatnam coastal zone using Multi-output Adaptive Neuro Fuzzy Inference System	P. Sangeetha, M. Shanmugapriya	Mathematics	Computational Ecology and Software	2023	2220-721X	http://www.iaees.org/publications/journals/ces/ces.asp	3.4.3 Proof - Google Drive	Yes
2158	MANFIS approach for predicting heat and mass transport of bio magnetic ternary hybrid nanofluid using Cu/Al2O3/MWCNT nano additives	S. Gopi Krishna, R. Sundareswaran, P. Senthil Kumar, S. Gopi Krishna	Mathematics	Biomass Conversion and Biorefinery	2023	2190-6823	https://www.springer.com/journal/13399	3.4.3 Proof - Google Drive	No
2159	Maximum Subgraph Problem for 3-Regular Knodel graphs and its Wirelength,	Rajan, R.S., Rajalaxmi, T.M., Reji, R.M.,	Mathematics	Lecture Notes in Computer Science	2023	1611-3349	https://www.springer.com/series/558	3.4.3 Proof - Google Drive	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2160	Secure equitability in graphs,	L. Muthusubramanian, R.Sundarewaran, V. Swaminathan	Mathematics	Discrete Mathematics Algorithms and Applications	2023	1793-8317	https://www.worldscientific.com/worldscinet/dmaa	3.4.3 Proof - Google Drive	Yes
2161	Algorithmic aspects of domination number in nano topology induced by graph,	V. Sutha Devi, R. Sundareswaran, M. Lellis Thivagar	Mathematics	Discrete Mathematics Algorithms and Applications	2023	1793-8317	https://www.worldscientific.com/worldscinet/dmaa	3.4.3 Proof - Google Drive	Yes
2162	Analysis of Teaching-Learning Efficiency Using Attribute Based Double Bounded Rough Neutrosophic Set Driven Random Forests	Praba B, Balambal Suryanarayanan, D.Nagarajan, Broumi Said	Mathematics	Neutrosophic Sets and Systems	2023	2331-608X	https://digitalrepository.unm.edu/ns_s_journal/#:~:text=Neutrosophic%20Sets%20and%20Systems%20(NSS,their%20applications%20in%20any%20field.	3.4.3 Proof - Google Drive	Yes
2163	SaHNoC: an optimal energy efficient hybrid networks-on-chip architecture	Ravindhan Alagarsamy, Sundarakannan Mahilmaran, Lakshminarayanan Gopalakrishnan, Seok-Bum Ko A	Mathematics	The Journal of Supercomputing	2023		https://doi.org/10.1007/s11227-022-04910-9	3.4.3 Proof - Google Drive	Yes
2164	Synthesis, structural, morphological and optical analyses of new Prussian blue, ruthenium oxide and polyindole (PIn-PB-RuO2) nanocomposite	Roshini Gunasekaran, Julie Charles	Physics	Journal of Polymer Research	2022	1574-1443	https://link.springer.com/journal/10965	https://link.springer.com/article/10.1007/s10965-022-03192-2	Yes

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2165	Investigation of structural and optical properties of ternary polyaniline–polypyrrole–nickel oxide (PANI-PPy-NiO) nanocomposite for optoelectronic devices	Priyanka Elumalai, Julie Charles	Physics	Polymer International	2023	0959-8103	https://onlinelibrary.wiley.com/journal/10970126	https://onlinelibrary.wiley.com/doi/abs/10.1002/pi.6456	Yes
2166	Investigations on Polypyrrole/Prussian Blue/ Ruthenium Dioxide Based Ternary Nanocomposite as an Electrode Material for Supercapacitors	Roshini Gunasekaran, Julie Charles, Senthil P. Kumar	Physics	Journal of Inorganic and Organometallic Polymers and Materials	2023	1574-1443	https://link.springer.com/journal/10904	https://link.springer.com/article/10.1007/s10904-023-02685-x	Yes
2167	Effective strategy of optimized dielectric, energy storage and piezoelectric performances in La ³⁺ and Sr ²⁺ co-doped PIMNT 42/26/32 relaxor ferroelectric ceramics	S. Gowthami, G. Anandha Babu, C. Manikandan, R.M. Sarguna	Physics	Materials Science in Semiconductor Processing	2023	1369-8001	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://www.sciencedirect.com/science/article/pii/S1369800123003815	Yes
2168	Improved piezoelectric, thermal stability, and ferroelectric properties in ternary 0.39BNT–0.20PZ–0.41PT piezoceramics via low sintering temperature	S. Guru Bharath, G. Anandha Babu, C. Manikandan, E. Varadharajan	Physics	J Mater Sci: Mater Electron	2023	0957-4522	https://link.springer.com/journal/10854	https://www.sciencedirect.com/science/article/abs/pii/S0167577X20300033	Yes
2169	Improved piezoelectric and electric field-induced strain properties in Eu ³⁺ modified 0.42PMN–0.26PIN–0.32PT ceramics.	S. Gowthami, G. Anandha Babu, C. Manikandan, E. Varadarajan, R. M. Sarguna	Physics	Applied Physics A	2023	0947-8396	https://link.springer.com/journal/339	https://www.sciencedirect.com/science/article/abs/pii/S0272884222015462	Yes

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2170	Structure, growth, characterization and anti-microbial activities of L-Isoleucinium-4-methylbenzenesulfonate monohydrate single crystals	S. Muralidharan, P. Nagapandiselvi, A. Arun kumar	Physics	Solid State Communications	2022	0038-1098	https://www.sciencedirect.com/journal/solid-state-communications	https://www.science.org/doi/abs/pii/S0038109821003872	Yes
2171	Low-temperature crystallization and growth of CsPbI ₂ Br ₂ films through PbX ₂ -DMSO adduct towards stable and efficient carbon-based all-inorganic perovskite solar cells	Akanksha Choubey, Nagapandiselvi Perumal, Santhosh Narendhiran, Senthil Pandian Muthu, Ramasamy Perumalsamy	Physics	Int Enetgy Research	2022	0363-907X	https://onlinelibrary.wiley.com/journal/1099114x?journalRedirectCheck=true	https://doi.org/10.1002/er.7807	Yes
2172	Ambient-air fabrication of efficient and stable carbon-based inorganic perovskite solar cell based on CsPbI ₂ Br ₂ film via organic salt passivation.	Akanksha Choubey, Nagapandiselvi Perumal, Senthil Pandian Muthu, Ramasamy Perumalsamy	Physics	Solar Energy	2022	0038-092X	https://www.sciencedirect.com/journal/solar-energy	https://www.science.org/doi/abs/pii/S0038092X22006922?via%3Dihub	Yes
2173	Recent advancements in MXene-based nanocomposites as photocatalysts for hazardous pollutant degradation - A review	Chandraleka Chinnasamy, Nagapandiselvi Perumal, Akanksha Choubey, Saravanan Rajendran	Physics	Environmental Research	2023	0013-9351	https://www.sciencedirect.com/journal/environmental-research	https://www.science.org/doi/abs/pii/S001393512301263X	Yes
2174	Reduction of vibration and noise pollution from agricultural tractor engine using novel pine oil and soapnut oil methyl ester as fuel	V. Venkatesan, N. Nallusamy, P. Nagapandiselvi	Physics	Environmental Science and Pollution Research	2023	1614-7499	https://link.springer.com/journal/11356	https://link.springer.com/article/10.1007/s11356-022-24626-w	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2175	Natural radioactivity and mineral assessment in red and black colored soils collected from agricultural area of Tiruvannamalai district of Tamil Nadu, India	V. Sathish, A. Chandrasekaran, A. Tamilarasi, V. Thangam	Physics	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://link.springer.com/journal/10967	https://link.springer.com/article/10.1007/s10967-022-08570-0	Yes
2176	Measurement of 226Ra, 232Th and 40K and the associated radiological hazards in Ponnai river sand, Tamilnadu, India using Gamma ray spectrometry	C. K. Senthil Kumar, A. Chandrasekaran N. Harikrishnan , R. Ravisankar	Physics	International Journal of Environmental Analytical Chemistry	2020	5432-5444	https://www.tandfonline.com/journals/geac20	https://www.tandfonline.com/doi/full/10.1080/03067319.2020.1796996	Yes
2177	Assessment of gamma dose and annual effective dose rate for commonly used fertilizer samples in agriculture field with a statistical approach	Azhagesan Tamilarasi, Vilvanathan Sathish, Ananthanarayanan Chandrasekaran	Physics	Radiation Protection Dosimetry	2023	0144-8420	https://academic.oup.com/rpd	https://academic.oup.com/rpd/article-abstract/199/2/95/6845394?redirectedFrom=fulltext	Yes
2178	Natural radioactivity and the associated radiation hazards in archeological pottery and pottery-making clay samples collected from Senjikoathamangalam of Villupuram district, Tamil Nadu, India	A. Tamilarasi, S. Karthikayini V. Sathish, A. Chandrasekaran	Physics	Journal of Radioanalytical and Nuclear Chemistry	2023	0236-5731	https://link.springer.com/journal/10967	https://link.springer.com/article/10.1007/s10967-023-08822-Z	Yes
2179	Determination of internal gamma dose assessment due to natural radioactivity for river sand using a gamma-ray spectrometer	Chinnasamy Kuppan, Senthil Kumar, Ananthanarayanan Chandrasekaran, Chandrasekharan Gurumoorthy, Vilvanathan Sathish	Physics	Radiation Protection Dosimetry	2023	0144-8420	https://academic.oup.com/rpd	https://academic.oup.com/rpd/article-abstract/199/11/1159/7177309?redirectedFrom=fulltext&login=false	Yes

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2180	Determination of natural radioactivity and the associated radiation hazards in beach sediments along the North Chennai to Pondicherry coastal area, India	V. Sathish, A. Chandrasekaran	Physics	Journal of Radioanalytical and Nuclear Chemistry	2023	0236-5731	https://link.springer.com/journal/10967	https://link.springer.com/article/10.1007/s10967-023-08972-8	Yes
2181	Growth of Cd1-xMnxTe crystals by vertical Bridgman method and analysis of composition dependence on the bandgap	Manivel Rajan, Rajesh Paulraj, Vijayakumar Palanimuthu, K Ganesan, Varsha Roy, Edward Prabu Amaladass, R.M. Sarguna, S. Ganesamoorthy, Ramasamv Perumalsamv	Physics	Materials Science in Semiconductor Processing	2023	1369-8001	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://www.sciencedirect.com/science/article/pii/S1369800123001774?via%3Dihub	Yes
2182	Synthesis, crystal structure, spectroscopic, hirshfeld surface, DFT and Z-Scan studies of NLO active 2-methylimidazolium 3-nitrophthalate (2MI3NP) single crystal	Gino DJ, Chinnasami Sidden, Rajesh Paulraj, S. Ajitha	Physics	J Mater Sci: Mater Electron	2023	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-023-10362-5	Yes
2183	Structural, Hirshfeld surface analysis, third order non-linear optical and molecular modelling of imidazolium glutarate single crystals for optical applications	Gino DJ, Chinnasami Siddenb, Rajesh Paulraj, H. Marshan Robert, S. Ajitha	Physics	Journal of Molecular Structure	2023	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286022023171?via%3Dihub	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2184	Growth, structural, vibrational, characterization and DFT Investigations of 2-methylimidazolium hydrogen oxalate dihydrate (2MIO) single crystal-towards third order NLO applications	A. Steephenraj, Chinnasami Siddenb Rajesh Paulraj, S. Sahaya Jude Dhas	Physics	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.science.org/doi/abs/pii/S0022286022023109?via%3Dihub	Yes
2185	Green emitting plastic scintillator with neutron/gamma pulse shape discrimination for fast neutron detection	Lizbeth Alex, Rajesh Paulraj, Sonu, Mohit Tyagi	Physics	J Mater Sci: Mater Electron	2023	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-023-10018-4	Yes
2186	Effect of fluorescent dyes on the scintillation efficiency, improved light yield and radiation hardness of polystyrene-based plastic scintillator: a comparative study	Lizbeth Alex, Rajesh Paulraj, Mohit Tyagi	Physics	Radiation Effects and Defects in Solids	2023		https://www.tandfonline.com/journals/grad20	https://www.tandfonline.com/doi/full/10.1080/10420150.2022.2163488	Yes
2187	Investigation of the structural, Hirshfeld surface, Z-scan, and molecular modelling of imidazolium fumarate for third harmonic generation applications	Chinnasami Sidden, Rajesh Paulraj, Pounraj Parvonraja, Manikandan Murugesand	Physics	Journal of Molecular Structure	2023	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.science.org/doi/journal-of-molecular-structure	Yes
2188	Development of large size fast timing and radiation resistant PVT-based plastic scintillator detector	Lizbeth Alex, Rajesh Paulraj, Sonu, Mohit Tyagi	Physics	J Mater Sci: Mater Electron	2023	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-09577-9	Yes

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2189	Direction dependent crystalline perfection, Z-scan studies and fabrication of Type-I and Type-II SHG elements using imidazolium L-tartrate crystals for optical modulator applications	Chinnasami Sidden, Rajesh Paulraj, Rajeev Bhatt, Indranil Bhaumik, Mohammad Soharab, Ramasamy Perumalsamy	Physics	Journal of Physics and Chemistry of Solids	2023	0022-3697	https://www.sciencedirect.com/journal/journal-of-physics-and-chemistry-of-solids	https://www.sciencedirect.com/science/article/abs/pii/S0022369722004826?via%3Dihub	Yes
2190	Study of the Crystalline Perfection, Homogeneity, Chemical Etching on the Surface, and Third-Order Nonlinear Optical Properties of (1 1 0) Oriented Hydroxyethylammonium D-Tartrate Monohydrate Single Crystal and Hirshfeld Surface Analysis	Mohamad Asikali Abdul Hakkim, Rajesh Paulraj, Chinnasami Sidden, Ramasamy Perumalsamy	Physics	Crystal Research Technology	2022	0232-1300	https://onlinelibrary.wiley.com/journal/15214079	https://onlinelibrary.wiley.com/doi/abs/10.1002/crat.202200113	Yes
2191	Effect of zinc acetate dihydrate on the crystal growth, structural, optical, mechanical, dielectric, and NLO properties of ammonium dihydrogen phosphate single crystals	K. Pavithra, P. Rajesh	Physics	J Mater Sci: Mater Electron	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-09176-8	Yes

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							Link to website of the Journal	Link to article/paper /abstract of the article	Is it listed in UGC Care list
2192	Crystal growth, vibrational assignments, Z-scan studies and quantum chemical investigation on 2-methylimidazolium hydrogen D-tartrate (2MIMDT) single crystal: a promising candidate for NLO applications	A. Steephenraj, Chinnasami Sidden, Rajesh Paulraj	Physics	J Mater Sci: Mater Electron	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-09068-x	Yes
2193	Growth, optical and thermal properties of triphenylamine single crystal grown by modified Vertical Bridgman method for optical application	Manikandan Murugesan, Chinnasami Sidden, Rajesh Paulraj	Physics	Solid State Sciences	2022	1293-2558	https://www.sciencedirect.com/journal/solid-state-sciences	https://www.sciencedirect.com/science/article/abs/pii/S1293255822001868?via%3Dihub	Yes
2194	Investigation on the growth, structural, vibrational, SHG behaviour and DFT studies of imidazolium hydrogen succinate single crystal	A. Steephen Raj, S. Chinnasami, Rajesh Paulraj	Physics	Chemical Papers	2022	0366-6352	https://link.springer.com/journal/11696	https://link.springer.com/article/10.1007/s11696-022-02235-8	Yes
2195	Effect of PPO and POPOP activators on the scintillation performance of polystyrene-based scintillator	LIZBETH ALEX, RAJESH PAULRAJ, MOHIT TYAGI	Physics	JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS	2022	1454 - 4164	https://joam.inoer.ro/	https://joam.inoer.ro/articles/effect-of-ppo-and-popop-activators-on-the-scintillation-performance-of-polystyrene-based-scintillator/	Yes

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2196	Investigation on the crystal growth, physicochemical, quantum chemical, and third harmonic generation properties of diisopropylammonium hydrogen phthalate single crystal	D. J. Gino, Chinnasami Sidden, Rajesh Paulraj, S. Ajitha, H. H. Somaily	Physics	J Mater Sci: Mater Electron	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-08572-4	Yes
2197	Influence of co-doping alkali metal ions Li+/Na+/K+ on the luminescence enhancement properties of the blue emission from Pb2+/Bi3+ activated di-barium calcium di-zinc hexa-silicate based phosphors for solid state light applications	P. Balakrishnan, S. Masilla Moses Kennedy	Physics	Journal of Luminescence	2023	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231322007219?via%3Dihub	Yes
2198	Comparative photoluminescence studies on the various trivalent rare-earth ions (Eu3+, Dy3+, Sm3+, and Pr3+) activated single-host material for solid state lighting applications	M. Jayachandiran, P. Balakrishnan, S. Masilla Moses Kennedy, M. Divya Bharathi, J. Nandhagopal	Physics	Journal of Materials Science: Materials in Electronics	2023	0957-4522	https://www.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-09580-0	Yes
2199	Synthesis, photoluminescent properties, and an insight into the Judd-Ofelt analysis of the NaPbBi(2-x)(PO4)3: xEu3+ orthophosphate phosphors for light applications	Kavia J. Albert, E. Annie Rathnakumari, S. Masilla Moses Kennedy	Physics	Journal of Alloys and Compounds	2023	0030-4026	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838822044383?via%3Dihub	Yes

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2200	Effect of co-doping alkali metal ions Li+/Na+/K+ on the photoluminescence enhancement properties of the near white light emitting LiSrVO4:Dy3+ phosphor along with the optical transition probabilities by Judd-Ofelt analysis for WLEDs application	V. Rathina Mala, P. Balakrishnan, S. Masilla Moses Kennedy	Physics	Solid State Sciences	2023	1293-2558	https://www.sciencedirect.com/journal/solid-state-sciences	https://www.sciencedirect.com/science/article/abs/pii/S1293255823000237?via%3Dihub	Yes
2201	Greenish–Yellow Luminescence in Vanadate Garnet Phosphors: Structural Characterization, Energy Transfer and Judd–Ofelt Analysis of Dy3+ Doped Ca2LiMg2V3O12	A. Princy, Kavia J. Albert, V. Rathina Mala, S. Masilla Moses Kennedy	Physics	Journal of Inorganic and Organometallic Polymers and Materials	2023	1574-1443	https://www.springer.com/journal/10904	https://link.springer.com/article/10.1007/s10904-023-02687-9	Yes
2202	Synthesis and photoluminescence characteristics of the near white emitting Dy3+ ions activated NaMBi2–x(PO4)3 [M: Ba/Ca/Ca0.5+Sr0.5/Sr/Sr0.5+Ba0.5] phosphors	E. Annie Rathnakumari, S. Masilla Moses Kennedy	Physics	Optik	2023	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/pii/S0030402623000979	Yes
2203	Structural characterization, energy transfer, and Judd–Ofelt analysis of pure and the Eu3+-doped Ca2LiMg2V3O12 phosphors	A Princy, E Annie Rathnakumari, S Masilla Moses Kennedy	Physics	Journal of Materials Science: Materials in Electronics	2023	0002-7820	https://www.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-020-03909-3	Yes

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2204	Enhancement of green light emission from the LiSrVO ₄ :Tb ³⁺ doped vanadate phosphor by charge compensation via co-doping of the alkali metal ions (Li ⁺ /Na ⁺ /K ⁺)	V. Rathina Mala, A. Princy, Kavita J. Albert, S. Masilla Moses Kennedy	Physics	Journal of Luminescence	2023	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	Enhancement of green light emission from the LiSrVO ₄ :Tb ³⁺ doped vanadate phosphor by charge compensation via co-doping of the alkali metal ions (Li ⁺ /Na ⁺ /K ⁺) - ScienceDirect	Yes
2205	RETRACTED ARTICLE: Development of a new-double perovskite type Sr ₂ YZrO _{5.5} :Eu ³⁺ red phosphor for latent fingerprint applications	G. Rajkumar, V. Ponnusamy, G. V. Kanmani, S. M. M. Kennedy	Physics	Journal of Materials Science: Materials in Electronics	2022	0002-7820	https://www.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-08785-z	Yes
2206	Photoluminescence properties of certain trivalent RE ions (Dy/Sm/Eu) activated NaSrBi ₂ (PO ₄) ₃ phosphors and cool to warm white color tuning in Dy ³⁺ -Sm ³⁺ and Dy ³⁺ -Eu ³⁺ codoped NaSrBi ₂ (PO ₄) ₃ phosphors for indoor lighting applications	E. Annie Rathnakumari, S. Masilla Moses Kennedy	Physics	Journal of Luminescence	2021	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231321001344	Yes
2207	Tunable light emission from single phased Ba ₂ CaZn ₂ Si ₆ O ₁₇ :Pb ²⁺ , Eu ³⁺ silicate phosphors via energy transfer efficiency for white light emitting diode applications	P. Balakrishnan, S. Masilla Moses Kennedy	Physics	Solid State Sciences	2021	1293-2558	https://www.sciencedirect.com/journal/solid-state-sciences	https://www.sciencedirect.com/science/article/abs/pii/S1293255821001333	Yes

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2208	Photoluminescence properties and energy transfer in the color tunable Ba ₂ CaZn ₂ Si ₆ O ₁₇ :Bi ³⁺ , Tb ³⁺ , Eu ³⁺ silicate phosphor for white LED applications	P.Balakrishnan, M. Jayachandiran, S. Masilla Moses Kennedy	Physics	Inorganic Chemistry Communications	2021	1387-7003	https://www.sciencedirect.com/journal/inorganic-chemistry-communications	https://www.sciencedirect.com/science/article/abs/pii/S1387700320308984	Yes
2209	Praseodymium ion activated yellow emitting Tribarium Dibismuth Tetrakis Phosphate phosphors for solid state lighting applications	M. Jayachandiran, S.M.M. Kennedy	Physics	Optik	2020	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/pii/S0030402620313541	Yes
2210	Investigation of alkali metals (A ⁺ = K, Na, Li) co-doped with samarium ions in the eulytite-type phosphate based phosphors for the enhancement of luminescence properties	M. Jayachandiran, S.M.M. Kennedy	Physics	Journal of Luminescence	2020	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231319320241	Yes
2211	Color tunable emission from single-phased Ba ₂ CaZn ₂ Si ₆ O ₁₇ : Bi ³⁺ , Eu ³⁺ phosphors with good energy transfer efficiency for white light emitting diodes	P.Balakrishnan, M. Jayachandiran, S. Masilla Moses Kennedy	Physics	Journal of Luminescence	2019	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231319301784	Yes
2212	Color tunable and energy transfer mechanism of Dy ³⁺ and Eu ³⁺ rare earth ions activated NaCaBi ₂ (PO ₄) ₃ eulytite type phosphor for NUV excitable warm white light emitting diodes	E.Annie Rathnakumari, M. Jayachandiran, S. Masilla Moses Kennedy	Physics	Optik	2019	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/pii/S0030402619305170	Yes

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2213	Synthesis and optical properties of Ba ₃ Bi ₂ (PO ₄) ₄ :Dy ³⁺ phosphors for white light emitting diodes	M. Jayachandiran, S.M.M. Kennedy	Physics	Journal of alloys and compounds	2019	0030-4026	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838818338222	Yes
2214	Photoluminescence properties of red emitting Ba ₃ Bi ₂ (PO ₄) ₄ :Eu ³⁺ phosphor for WLEDs applications	M. Jayachandiran, G. Annadurai, S.M.M. Kennedy	Physics	Journal of Luminescence	2018	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231317321671	Yes
2215	In situ synthesis and characterization of polyaniline/prussian blue/zinc oxide nanocomposite	Suganthi Muthusamy, Julie Charles	Physics	Polymer Bulletin	2019	0170-0839	https://link.springer.com/journal/289	https://link.springer.com/article/10.1007/s00289-018-2350-x	Yes
2216	Enhanced specific capacitance of a novel ternary polypyrrole incorporated with prussian blue and mesoporous carbon black for high performance supercapacitor applications	Julie Charles, Suganthi Muthusamy	Physics	Materials Research Bulletin	2019	0025-5408	https://www.sciencedirect.com/journal/materials-research-bulletin	https://www.sciencedirect.com/science/article/abs/pii/S0025540819306038	Yes
2217	Ternary polypyrrole/prussian blue/TiO ₂ nanocomposite wrapped poly-methyl methacrylate fiber optic gas sensor to detect volatile gas analytes	Suganthi Muthusamy, Julie Charles, B. Renganathan, A. R. Ganesan	Physics	Optik	2021	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.sciencedirect.com/science/article/pii/S0030402621000310	Yes
2218	Metal-organic framework of nanostructured polypyrrole incorporated with TiO ₂ nanoparticles for supercapacitor electrode	Suganthi Muthusamy, Julie Charles	Physics	Journal of Materials Science: Materials in Electronics	2021	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-021-05445-0	Yes

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2219	In situ synthesis of ternary prussian blue, hierarchical SnO ₂ and polypyrrole by chemical oxidative polymerization and their sensing properties to volatile organic compounds	Suganthi Muthusamy, Julie Charles	Physics	Optik	2021	0030-4026	https://www.sciencedirect.com/journal/optik	https://www.science.org/doi/abs/10.1016/j.sci.2021.006628	Yes
2220	Fabrication of ternary polyaniline-titanium dioxide-polypyrrole (PANI-TiO ₂ -PPy) nanocomposite as an efficient polymer electrode for supercapacitors	Priyanka Elumalai, Julie Charles, P. Senthil Kumar, V. Uma Shankar	Physics	Journal of Applied Polymer Science	2023	0021-8995	https://onlinelibrary.wiley.com/journal/10974628	https://onlinelibrary.wiley.com/doi/abs/10.1002/app.54478	Yes
2221	Biogenic Synthesis and Characterization of Biocompatible Iron Oxide Nanoparticles: In Vitro Study of Selective Antiproliferative Efficacy Against MCF-7 Cells and Antibacterial Potential	Buvana. S, Julie Charles, Subashini. R	Physics	Nano	2023	1793-2920	https://www.worldscientific.com/worldscinet/nano	https://www.worldscientific.com/doi/abs/10.1142/S1793292023500996	Yes
2222	Study of the relative growth rate, the anisotropy of electrical resistivity and anomalous photocurrent behavior of the unidirectional grown Rochelle salt crystals	S. Singaravadelu, A. Uthayakumar, P. Balaji Bhargav	Physics	Ferroelectrics	2019	0015-0193	https://www.tandfonline.com/loi/gfer20	https://doi.org/10.1080/00150193.2019.1652501	Yes

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2223	A study of the phase transition by the electrical resistivity and photocurrent on TGS crystal grown using the unidirectional growth method of Sankaranarayanan–Ramasamy	S. Singaravadivelu, A. Uthayakumar, T. Kamalesh, P. Karuppasamy, Balaji Chandra, M. Senthil Pandian, P. Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0015-0193	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-07761-5	Yes
2224	Investigation of natural radioactivity levels in some fertilizer samples used for agriculture purposes in Tiruvannamalai locality, Tamil Nadu, India	Mefleh S. Hamideen, S. Manigandan, A. Chandrasekaran, A. Tamilarasi, V. Sathish	Physics	International Journal of Environmental Analytical Chemistry	2023	0306-7319	https://www.tandfonline.com/toc/geac20/current	https://doi.org/10.1080/03067319.2021.2014467	Yes
2225	Geochemical contamination of heavy metals and health risk assessment of coastal sediments along the North Chennai to Pondicherry, India using total reflection X-ray fluorescence spectroscopy (TXRF)	V. Sathish, A. Chandrasekaran, Manjunatha, A.S. Bennial	Physics	Marine Pollution Bulletin	2023	0025-326X	https://www.sciencedirect.com/journal/marine-pollution-bulletin	https://doi.org/10.1016/j.marpolbul.2023.115722	Yes
2226	Quantification of radiological hazards associated with natural radionuclides in soil, granite and charnockite rocks at selected fields in Ekiti State, Nigeria	Matthew Omoniyi Isinkaye, Olusola Amos OlaOlorun, Ananthanarayanan Chandrasekaran, Adebayo Samuel Adekeye, Tunde Emmanuel Dada, Azhagesan Tamilarasi, Vilvanathan Sathish, Mayeen Uddin Khandaker, Abdullah Almujaally, Nissren Tamam, Abdelmoneim Sulieman	Physics	Heliyon	2023	2405-8440	https://www.sciencedirect.com/journal/heliyon	https://doi.org/10.1016/j.heliyon.2023.e2451	Yes

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2227	Mineralogical analysis and firing temperature of the ancient potteries of Tamil Nadu using spectroscopic techniques	A. Tamilarasi, A. Chandrasekaran	Physics	Vibrational Spectroscopy	2023	1873-3697	https://www.sciencedirect.com/journal/vibrational-spectroscopy	https://doi.org/10.1016/j.radphyschem.2023.111005	Yes
2228	X-ray fluorescence analysis of coastal sediments of Tamil Nadu with a statistical approach	S. Karthikayini, Mefleh S. Hamideen A. Chandrasekaran, Mayeen Uddin Khandaker, D.A. Bradley	Physics	Radiation Physics and Chemistry	2023	0969-806X	https://www.sciencedirect.com/journal/radiation-physics-and-chemistry	https://doi.org/10.1016/j.radphyschem.2023.111005	Yes
2229	Determination of natural radioactivity and the associated radiation hazards in beach sediments along the North Chennai to Pondicherry coastal area, India	V. Sathish, A. Chandrasekaran	Physics	Journal of Radioanalytical and Nuclear Chemistry	2023	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-023-08972-8	Yes
2230	Determination of internal gamma dose assessment due to natural radioactivity for river sand using a gamma-ray spectrometer	Chinnasamy Kuppan Senthil Kumar, Ananthanarayanan Chandrasekaran, Chandrasekharan Gurumoorthy, Vilvanathan Sathish	Physics	Radiation Protection Dosimetry	2023	0144-8420	https://academic.oup.com/rpd?login=false	https://doi.org/10.1093/rpd/ncad155	Yes
2231	Natural radioactivity and the associated radiation hazards in archeological pottery and pottery-making clay samples collected from Senjikoathamangalam of Villupuram district, Tamil Nadu, India	A Tamilarasi, S. Karthikayini, V. Sathish, A. Chandrasekaran	Physics	Journal of Radioanalytical and Nuclear Chemistry	2023	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-023-08822-7	Yes

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2232	Assessment of gamma dose and annual effective dose rate for commonly used fertilizer samples in agriculture field with a statistical approach	Azhagesan Tamilarasi, Vilvanathan Sathish, Ananthanarayanan Chandrasekaran	Physics	Radiation Protection Dosimetry	2023	0144-8420	https://academic.oup.com/rpd?login=false	https://doi.org/10.1093/rpd/ncac227	Yes
2233	Measurement of 226Ra, 232Th and 40K and the associated radiological hazards in Ponnai river sand, Tamilnadu, India using Gamma ray spectrometry	C. K. Senthil Kumar, A. Chandrasekaran, N. Harikrishnan, R. Ravisankar	Physics	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.tandfonline.com/toc/geac20/current	http://dx.doi.org/10.1080/03067319.2020.1796996	Yes
2234	Natural radioactivity and mineral assessment in red and black colored soils collected from agricultural area of Tiruvannamalai district of Tamil Nadu, India	V. Sathish, A. Chandrasekaran, A. Tamilarasi, V. Thangam	Physics	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-022-08193-5	Yes
2235	Assessment of natural radiation hazards and function of heat production rate in lake sediments of Puliyanthangal Lake surrounding the Ranipet industrial area, Tamil Nadu	V. Sathish, A. Chandrasekaran, S. Manigandan A. Tamilarasi, V. Thangam	Physics	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-022-08193-5	Yes
2236	Determination of natural radioactivity in beach sands collected along the coastal area of Tamilnadu, India using gamma ray spectrometry	V. Thangam, A. Rajalakshmi, A. Chandrasekaran, B. Arun, S. Viswanathan, B. Venkatraman, Suranjan Bera	Physics	Journal of Radioanalytical and Nuclear Chemistry	2022	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-022-08193-5	Yes

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2237	Magnetic and soil parameters as a potential indicator of soil pollution in the district of Tiruvannamalai, Tamil Nadu, India	K. Mohammed Murthuza, N. Surumbarkuzhali C. Lakshmi Narasimhan, V. Thirukumaran A. Chandrasekaran, Durai Ganesh, R. Ravisankar	Physics	Environmental Earth Sciences	2022	1866-6280	https://link.springer.com/journal/12665	https://doi.org/10.1007/s12665-022-10196-0	Yes
2238	Measurement of natural radioactivity in river sediments of Thamirabarani, Tamilnadu, India using gamma ray spectroscopic technique	V. Thangam, A. Rajalakshmi, A. Chandrasekaran, B. Jananee	Physics	International Journal of Environmental Analytical Chemistry	2022	0306-7319	https://www.tandfonline.com/toc/geac20/current	https://doi.org/10.1080/03067319.2020.1722815	Yes
2239	Effect of minerals and heavy metals in sand samples of Ponnai river, Tamil Nadu, India	A. Chandrasekaran, C. K. Senthil Kumar V. Sathish, S. Manigandan, A. Tamilarasi	Physics	Scientific Reports	2021	2045-2322	https://www.nature.com/srep/	https://www.nature.com/articles/s41598-021-02717-x	Yes
2240	A preliminary study of ancient potteries collected from Kundureddiyur, Tamil Nadu, India	Y. Gomathy, A. Chandrasekaran M. Aravinthraj, J. Udayaseelan	Physics	Microchemical Journal	2021	1095-9149	https://www.sciencedirect.com/journal/microchemical-journal	https://doi.org/10.1016/j.microc.2021.106100	Yes
2241	Multivariate statistical tool to analyse the environmental magnetic data in Ponnai River Sand, Tamil Nadu	C. K. Senthil Kumar, A. Chandrasekaran	Physics	Environmental Earth Sciences	2020	1866-6280	https://link.springer.com/journal/12665	https://doi.org/10.1007/s12665-020-09241-7	Yes
2242	Radiometric analysis of some building materials using gamma-ray spectrometry	V. Thangam, A. Rajalakshmi A. Chandrasekaran, B. Jananee	Physics	Journal of Radioanalytical and Nuclear Chemistry	2020	0236-5731	https://link.springer.com/journal/10967	https://doi.org/10.1007/s10967-020-07175-9	Yes
2243	Magnetic susceptibility as proxy for heavy metal pollution detection in sediment	E. Devanesan, A. Chandrasekaran S. Sivakumar, K. M. Freny Joy, Laith Ahmed Najam, R. Ravisankar	Physics	Iranian Journal of Science and Technology, Transactions A: Science	2020	0236-5731	https://link.springer.com/journal/40995	https://doi.org/10.1007/s40995-020-00865-9	Yes

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2244	Multivariate statistical investigations of natural radioactivity and radiological hazards in building materials mainly used in Amman Province, Jordan	Mefleh S Hamideen, Omar M Bdair A. Chandrasekaran, H. Saleh, Z. M. Elimat	Physics	International Journal of Environmental Analytical Chemistry	2020	0306-7319	https://www.tandfonline.com/toc/geac20/current	https://doi.org/10.1080/03067319.2019.1635123	Yes
2245	Statistical assessment of radiological data of tiles collected from Jordan	R Ravisankar, M. Tholkappian A. Chandrasekaran, P. Eswaran, Atef El-Taher	Physics	International Journal of Environmental Analytical Chemistry	2019	0306-7319	https://www.tandfonline.com/toc/geac20/current	https://doi.org/10.1080/03067319.2019.1635123	Yes
2246	Effects of physicochemical properties on heavy metal, magnetic susceptibility and natural radionuclides with statistical approach in the Chennai coastal sediment of east coast of Tamilnadu, India	R. Ravisankar, M. Tholkappian A. Chandrasekaran, P. Eswaran, Atef El-Taher	Physics	Applied water science	2019	2190-5487	https://link.springer.com/journal/13201	https://doi.org/10.1007/s13201-019-1031-8	Yes
2247	Potential ecological risk assessment in soils of Yelagiri hill, Tamil Nadu using energy dispersive X-ray fluorescence (EDXRF) technique	A. Chandrasekaran, R. Ravisankar	Physics	Applied Radiation and Isotopes	2019	0969-8043	https://www.sciencedirect.com/journal/applied-radiation-and-isotopes	https://doi.org/10.1016/j.apradiso.2019.01.009	Yes
2248	Evidence for Spin Glass Transition in Hexagonal DyMnO ₃ without Substitutional Disorder	P.Aravinth Kumar, Arun Kumar, Keshav Kumar, G.Anandha Babu, S. Ganesamoorthy, Dhananjai Pandey	Physics	J. Phys. Chem. C	2019	1932-7447	https://pubs.acs.org/journal/jpcck	https://doi.org/10.1021/acs.jpcc.9b07892	Yes
2249	Studies on Shubnikov-de Hass oscillations in p-Sb ₂ Te ₂ Se topological insulator	G.Gopi, A. Edward Prabu, G. Anandha Babu, S. Ganesamoorthy, Awadhesh Mani	Physics	Materials Research Bulletin	2020	0025-5408	https://www.sciencedirect.com/journal/materials-research-bulletin	https://doi.org/10.1016/j.materresbull.2019.110733	Yes

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2250	Growth and Characterization of Dy _{1-x} Y _x MnO ₃ Single Crystals by Optical Floating Zone Technique: A Combined X-ray Diffraction and DC Magnetization Study	P. Aravinth Kumar, Arun Kumar, Keshav Kumar, Pragya Singh, G. Anandha Babu, S. Ganesamoorthy, Dhananjai Pandey	Physics	J. Crystal Growth	2021	0022-0248	https://www.sciencedirect.com/journal/journal-of-crystal-growth	https://doi.org/10.1016/j.jcrysgro.2021.126152	Yes
2251	Enhanced piezoelectric properties in Sm-doped 24Pb(In _{0.5} Nb _{0.5})O ₃ -42Pb(Mg _{0.335} Nb _{0.665})O ₃ -34PbTiO ₃ piezoceramics	G. Anandha babu, S. Gowthami, E. Varadarajan, Bhupender Rawal, B. Praveenkumar	Physics	Journal of Materials Science: Materials in Electronics	2021	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-020-05075-y	Yes
2252	Unidirectional crystal growth of L-alanine doped triglycine sulphate crystals along [010] polar direction in ferroelectric and paraelectric temperature ranges, and their comparative characterizations	Muthu Senthil Pandian, Sunil Verma, P Karuppasamy, P Ramasamy, VS Tiwari, AK Karnal	Physics	Materials Research Bulletin	2021	0025-5408	https://www.sciencedirect.com/journal/materials-research-bulletin	https://doi.org/10.1016/j.materresbull.2020.111118	Yes
2253	Synthesis, crystal growth, and physicochemical characterization of 4-aminopyridinium 4-nitrophenolate 4-nitrophenol (4AP4NP) single crystals for NLO applications	T Kamalesh, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy, Sunil Verma	Physics	Journal of Materials Science: Materials in Electronics	2021	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-021-05332-8	Yes
2254	Device-relevant properties of [010]-oriented undoped TGS single crystals grown above and below the phase transition temperature	Muthu Senthil Pandian, Sunil Verma, P Karuppasamy, P Ramasamy, VS Tiwari, AK Karnal	Physics	Journal of Materials Science: Materials in Electronics	2021	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-021-06131-x	Yes

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2255	Crystal growth and physico-chemical characterization of semi-organic [C ₄ H ₁₂ N ₂] ZnCl ₄ · H ₂ O single crystal for laser applications	P Karuppasamy, T Kamalesh, M Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2021	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-021-06203-y	Yes
2256	Bulk crystal growth, crystalline perfection and optical homogeneities of 2AP4N single crystals for second and third order frequency conversion and terahertz (THz) device applications	P Karuppasamy, T Kamalesh, Muthu Senthil Pandian, P Ramasamy, Verma Sunil, AK Chaudhary	Physics	Optical Materials	2021	0925-3467	https://www.sciencedirect.com/journal/optical-materials	https://doi.org/10.1016/j.optmat.2021.111261	Yes
2257	Combustion synthesis, characterization and antibacterial properties of pristine ZnO and Ga doped ZnO nanoparticles	P Sathish, N Dineshbabu, K Ravichandran, T Arun, P Karuppasamy, M SenthilPandian, P Ramasamy	Physics	Ceramics International	2021	0272-884202	https://www.sciencedirect.com/journal/ceramics-international	https://doi.org/10.1016/j.ceramint.2021.06.224	Yes
2258	Immersing ampoule Sankaranarayanan–Ramasamy (ISR) method: Unidirectional high-quality single crystal growth	P Karuppasamy, T Kamalesh, Muthu Senthil Pandian, P Ramasamy, Sunil Verma	Physics	Journal of Crystal Growth	2022	0022-0248	https://www.sciencedirect.com/journal/journal-of-crystal-growth	https://doi.org/10.1016/j.jcrysgro.2021.126401	Yes
2259	Effect of different polyvinylpyrrolidone and 3-mercaptopropionic acid concentrations on structural, morphological, and optical properties of cadmium sulfide quantum dots	S Muniyappan, S Anand, A Manikandan, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy, P Murugakoothan	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-021-07341-z	Yes

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2260	Synthesis, crystal growth, structural and physicochemical properties of an organic single crystal (C ₁₁ H ₁₆ N ₂ O ₄) for fast scintillation and NLO applications	D Joseph Daniel, P Karuppasamy, PQ Vuong, HJ Kim	Physics	CrystEngComm	2022	1466-8033	https://pubs.rsc.org/en/journals/journalissues/ce#!recentarticles&adv	https://doi.org/10.1039/D1CE01674A	Yes
2261	Growth of large size triphenylphosphine oxide 4-Nitrophenol (TP4N) single crystal by Sankaranarayanan–Ramasamy (SR) method for third order nonlinear optical applications	T Kamalesh, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy, Sunil Verma	Physics	Chinese Journal of Physics	2022	0577-9073	https://www.sciencedirect.com/journal/chinese-journal-of-physics	https://doi.org/10.1016/j.cjph.2021.10.039	Yes
2262	Synthesis of Ag-incorporated TiO ₂ nanoparticles by simple green approach as working electrode for dye-sensitized solar cells	S Rajkumar, MR Venkatraman, K Suguna, P Karuppasamy, M Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-021-07685-6	Yes
2263	A study of the phase transition by the electrical resistivity and photocurrent on TGS crystal grown using the unidirectional growth method of Sankaranarayanan–Ramasamy	S Singaravadivelu, A Uthayakumar, T Kamalesh, P Karuppasamy, Balaji Chandra, M Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-07761-5	Yes
2264	Synthesis and growth of new organic 2-amino-4, 6-dimethylpyrimidinium trifluoroacetate (AMPTF) single crystals for nonlinear optical (NLO) applications	G Samuthra, N Prabavathi, P Karuppasamy, Muthu Senthilpandian, P Ramasamy, K Anitha	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-07955-x	Yes

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2265	A novel double perovskite oxide Sm ₂ CoFeO ₆ phosphor for orange LEDs: structural, magnetic and luminescence properties	M Dhilip, J Stella Punitha, R Rameshkumar, S Rameshkumar, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy, K Saravana Kumar, V Anbarasu, K Elangovan	Physics	Applied Physics A	2022	0947-8396	https://link.springer.com/journal/339	https://doi.org/10.1007/s00339-022-05446-8	Yes
2266	Influence of 60Co gamma irradiation on the structural and optical properties of 2-aminopyridinium 4-nitrophenolate 4-nitrophenol crystals	Kezhia Thomas, Vinay Parol, P Karuppasamy, Muthu Senthil Pandian, P Ramsamy, AN Prabhu	Physics	Current Applied Physics	2022	1567-1739	https://www.sciencedirect.com/journal/current-applied-physics	https://doi.org/10.1016/j.cap.2022.02.001	Yes
2267	Formation of face-contact interaction in 2D/2D/2D heterostructure ternary nanocomposites of g-C ₃ N ₄ /MoS ₂ /GO for effective photocatalytic activity against the organic pollutants under the visible light irradiation	N Kumaresan, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-08159-z	Yes
2268	Investigation on Tetracycline degradation and bactericidal properties of binary and ternary ZnO/NiO/g-C ₃ N ₄ composites prepared by a facile co-precipitation method	N Dineshbabu, RN Jayaprakash, P Karuppasamy, Thirumurugan Arun, J Judith Vijaya, R Esther Nimshi, Muthu Senthil Pandian, S Maria Packiam, P Ramasamy	Physics	Journal of Environmental Chemical Engineering	2022	2213-3437	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://doi.org/10.1016/j.jece.2022.107368	Yes

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2269	Synthesis, structure, NBO, Hirshfeld surface, NMR, HOMO-LUMO, UV, photoluminescence, z scan, vibrational and thermal analysis of piperazinedi-ium tetrakis (μ 2-chloro)-diaqua-dichloro-di-cadmium single crystal	Nimmy L John, Sunila Abraham, Jesby George, P Karuppasamy, M Senthilpandian, P Ramasamy, G Vinita	Physics	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2022.132685	Yes
2270	Investigation of structural, optical, and thermal properties of 2-amino-4, 6-dimethylpyrimidine benzoic acid (2APB) single crystal for non-linear optical (NLO) applications	B Sahaya Infant Lasalle, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-08643-6	Yes
2271	Investigation of growth, optical, thermal, mechanical, electrical, laser damage threshold properties of 1, 2, 3-Benzotriazolium Dihydrogen Phosphate (BTDHP) single crystal for nonlinear optical (NLO) applications	B Sahaya Infant Lasalle, T Kamalesh, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-09179-5	Yes
2272	Growth of 2-amino-5-chloropyridinium 5-sulfosalicylate (2A5CP5S) single crystals: investigation of physicochemical properties for nonlinear optical applications	J Ranjith Emmanuel, T Kamalesh, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-09235-0	Yes

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2273	Fabrication of binary to quaternary PVDF based flexible composite films and ultrathin sandwich structured quaternary PVDF/CB/g-C ₃ N ₄ /BaFe ₁₁ . ₅ Al _{0.5} O ₁₉ composite films for efficient EMI shielding performance	S Anand, S Muniyappan, K Mohamed Racik, A Manikandan, Dineshkumar Mani, S Nandhini, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy, N Krishna Chandar	Physics	Synthetic Metals	2022	0379-6779	https://www.sciencedirect.com/journal/synthetic-metals	https://doi.org/10.1016/j.synthmet.2022.117199	Yes
2274	Growth of potassium iodide-doped L-alanine nonlinear optical single crystals: investigation of physico-chemical properties	G Satheesh Kumar, J Martin Sam Gnanaraj, V Kathiravan, P Karuppasamy, M Senthil Pandian, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2022	0957-4522	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-09342-y	Yes
2275	Growth and characterization of nitrophenol complexes with piperazine and pyridine derivatives	P Yogheshwari, P Karuppasamy, Muthu Senthil Pandian, P Ramasamy, K Anitha	Physics	Journal of Molecular Structure	2022	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://doi.org/10.1016/j.molstruc.2022.133884	Yes
2276	Investigation on different crystal grains from the multi-crystalline silicon (mc-Si) wafer	N Balamurugan, P Karuppasamy, P Ramasamy	Physics	Silicon	2023	1876-9918	https://link.springer.com/journal/12633	https://doi.org/10.1007/s12633-022-02091-x	Yes
2277	Reverse saturation absorption of CaWO ₄ and Ce ³⁺ substituted CaWO ₄ growth on rGO sheets an 2D/3D nanocomposite for smart filtering optical radiation	C Nagarajan, V Madhubala, P Karuppasamy, P Ramasamy, RA Sujatha	Physics	Optics & Laser Technology	2023	0030-3992	https://www.sciencedirect.com/journal/optics-and-laser-technology	https://doi.org/10.1016/j.optlastec.2022.108984	Yes

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2278	Nitrogen implanted carbon nanosheets derived from Acorus calamus as an efficient electrode for the supercapacitor application	Natesan Kumaresan, Mohamad S Alsali, Pichan Karuppasamy, M Praveen Kumar, Muthu Senthil Pandian, A Arulraj, Shaik Gouse Peera, RV Mangalaraja, Sandhanasamy Devanesan, Perumalsamy Ramasamy, G Murugadoss	Physics	Molecular Catalysis	2023	2468-8231	https://www.sciencedirect.com/journal/molecular-catalysis	https://doi.org/10.1016/j.mcat.2023.112978	Yes
2279	Synthesis and characterization of metal-free nanosheets of carbon catalysts for bifunctional electrocatalyst towards HER and OER application	Natesan Kumaresan, Pichan Karuppasamy, M Praveen Kumar, Shaik Gouse Peera, Mohamad S Alsali, Sandhanasamy Devanesan, RV Mangalaraja, Perumalsamy Ramasamy, Tatianne Ferreira de Oliveira, G Murugadoss	Physics	Molecular Catalysis	2023	2468-8231	https://www.sciencedirect.com/journal/molecular-catalysis	https://doi.org/10.1016/j.mcat.2023.113043	Yes
2280	Fluorescence imaging of onion epidermal cell utilizing highly luminescent water-soluble CdTe colloidal quantum dots	Venkatachalam Vijayaraj, Ganapathy Sasikala, Nanthagopal Manivannan, Narayanasamy Mathivanan, P Karuppasamy, M Senthil Pandian, P Ramasamy	Physics	Optics & Laser Technology	2023	0030-3992	https://www.sciencedirect.com/journal/optics-and-laser-technology	https://doi.org/10.1016/j.optlastec.2022.108984	Yes
2281	Influence of helium gas flow under the retort bottom to control the impurities in grown mc-Si ingot by DS process for photovoltaic application: Numerical simulation	S Sugunraj, P Karuppasamy, T Keerthivasan, G Aravindan, M Avinash Kumar, M Srinivasan, P Ramasamy	Physics	Journal of Crystal Growth	2023	0022-0248	https://www.sciencedirect.com/journal/journal-of-crystal-growth	https://doi.org/10.1016/j.jcrysgro.2023.127151	Yes

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2282	Effect of Argon Flow Rate on mc-Silicon Ingot Grown by DS Process for PV Application: A Numerical Investigation of Non-Metallic Impurities	M Bharathwaj, S Sugunraj, P Karuppasamy, M Srinivasan, P Ramasamy	Physics	Silicon	2023	1876-9918	https://link.springer.com/journal/12633	https://doi.org/10.1007/s12633-023-02490-8	Yes
2283	Centrosymmetric structure of novel barium (II)-dibenzo-15-crown-5-ether-zinc (II)-tetra-thiocyanate single crystal for nonlinear optical application	V Ravisankar, V Ramesh, B Gunasekaran, Suresh Perumal, P Karuppasamy, T Kamalesh	Physics	Optical and Quantum Electronics	2023	0306-8919	https://link.springer.com/journal/11082	https://doi.org/10.1007/s11082-023-05173-1	Yes
2284	Synthesis, Crystal Growth, and its Characterization of 2-Amino-4-Methylpyridinium Oxalate	D Joseph Daniel, P Karuppasamy, HJ Kim	Physics	Journal of Crystal Growth	2023	0022-0248	https://www.sciencedirect.com/journal/journal-of-crystal-growth	https://doi.org/10.1016/j.jcrysgro.2023.127483	Yes
2285	Hydrothermal crystal growth of tetralithium octafluoridozirconate (Li ₄ ZrF ₈) and its physicochemical properties	D Joseph Daniel, P Karuppasamy, Phan Quoc Vuong, HJ Kim, Sinchul Kang, Hyeonseo Park, Jungcho Kim	Physics	Journal of alloys and compounds	2023	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://doi.org/10.1016/j.jallcom.2023.171480	Yes
2286	Tuning of Saturable to Reverse Saturable absorber by rGO: A 1D/2D/3D nanocomposite for smart filtering hazardous optical radiation	C Nagarajan, V Madhubala, Amegha Sahni, P Baskaran, P Karuppasamy, P Ramasamy, N Angeline Little Flower, K Mani Rahulan, Seunghwoi Han, R Annie Sujatha	Physics	Optics & Laser Technology	2024	0030-3992	https://www.sciencedirect.com/journal/optics-and-laser-technology	https://doi.org/10.1016/j.optlastec.2023.109949	Yes
2287	Tunable luminescence and electrical properties of cerium doped strontium aluminate (SrAl ₂ O ₄ :Ce ³⁺) phosphors for white LED applications	Ganesh Kumar K, Balaji Bhargav P, Sasikumar P, Anitha Gopalan, Pugazhendhi S, Mary Anjalin F, Vimalan M, Mohamed Abbas	Physics	Helvion	2023	2405-8440	https://www.sciencedirect.com/journal/helivion	http://europemc.org/abstract/MED/37416648	Yes

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2288	Revolutionizing Water Treatment: Exploring the Efficacy of MoS ₂ /BN/rGO Ternary Nanocomposite in Organic Dye Treated Water for OER and HER Applications	Selvaraj, Senthilnathan; Natesan, Kumeresan; Balaji Bhargav, Pamula; Ahmed, Nafis	Physics	Journal of Water Process Engineering	2023	2214-7144	https://www.sciencedirect.com/journal/journal-of-water-process-engineering	https://www.science.org/doi/article/pii/S2214714423005524	Yes
2289	Defect study of phosphorous doped a-Si:H thin films using cathodoluminescence, IR and Raman spectroscopy	Chandra Bhal Singh Sekhar Bhattacharya, Uday Singh Patel, Vandana Singh, P. Balaji Bhargav, Nafis Ahmed	Physics	Journal of non crystalline solids	2023	0022-3093	https://www.sciencedirect.com/journal/journal-of-non-crystalline-solids	https://www.science.org/doi/article/pii/S0022309323000339	Yes
2290	IrO ₂ /Co ₃ O ₄ supported mesoporous SBA-16: An efficient electro-catalyst for oxygen evolution reaction	Sudhakar Pichaikaran, Shanmugam Kotteswaran, Mathew K Francis, P Balaji Bhargav, Wang Bo, Nafis Ahmed, C Balaji	Physics	Molecular Catalysis	2023	2468-8231	https://www.sciencedirect.com/journal/molecular-catalysis	https://www.science.org/doi/article/pii/S2468823123004674	Yes
2291	Numerical Investigation on Effect of Side Heater Modification on the Stress Distribution and Dislocation Density of Multi-Crystalline Silicon Ingot Grown by DS Process	R. Muthukumar, K. Aravinth, P. Balaji Bhargav P. Ramasamy	Physics	Silicon	2023	1876-9918	https://link.springer.com/journal/12633	https://doi.org/10.1007/s12633-023-02614-0	Yes
2292	Bandgap tuning of Mn-doped BiFeO ₃ thin films for photovoltaic	Chokalingam Saravanan, P. Balaji Bhargav, N. Venkateswaran, Nafis Ahmed, K. Aravinth, and Chandra Balaji	Physics	THE EUROPEAN PHYSICAL JOURNAL APPLIED PHYSICS	2023	1286-0042	https://www.epjap.org/	https://doi.org/10.1051/epiap/2023230094	Yes
2293	Novel green emitting Tb ³⁺ doped KCaF ₃ phosphor for WLEDs and TLD applications	R. Kameshwaran, D.O.Annalakshmi, K.Aravinth, P. Balaji Bhargav	Physics	Ceramics International	2023	1873-3956	https://www.sciencedirect.com/journal/ceramics-international	https://www.science.org/doi/article/pii/S0272884222039207	Yes

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2294	Role of Ar dilution of SiH ₄ /PH ₃ gas mixture on PECVD based film growth process, hydrogen bonding configuration, and optical properties of n-type a-Si:H thin films	Chandra Bhal Singh, Sekhar Bhattacharya, Uday Singh Patel, P. Balaji Bhargav, Nafis Ahmed	Physics	Chemical Physics	2023	1873-3956	https://www.sciencedirect.com/journal/chemical-physics	https://www.sciencedirect.com/science/article/pii/S0301010423002483	Yes
2295	Polyol synthesis of One-Dimensional Ag Nanowires for the Photocatalytic Degradation of Textile Dyes and Effective Removal of Microbes	Senthilnathan Selvaraj, Pamula Balaji Bhargav, Varuna Kumaravel, Senthil Kumar Sadasivam, Balaji Chandra	Physics	Environmental Science and Pollution Research	2023	0944-1344	https://link.springer.com/journal/11356	https://doi.org/10.1007/s11356-023-30913-x	Yes
2296	Enhanced supercapacitor performance through surface modification: Binder-free electrode synthesis of Ni ₃ S ₂ /MoS ₂ /rGO on Ni-foam with superior cyclability	T Arun, K Aravindh, P Balaji Bhargav, Mathew K Francis	Physics	Journal of energy storage	2023	2352-1538	https://www.sciencedirect.com/journal/journal-of-energy-storage	https://www.sciencedirect.com/science/article/pii/S2352152X23027317	Yes
2297	Enhancing Multi-Crystalline Silicon Wafer Performance through Surface Modification and AZO Treatment	Akhil Krishnan, Aravindan Guruswamy, P. Balaji Bhargav, P. Ramasamy	Physics	Surface Engineering	2023	0267-0844	https://www.tandfonline.com/journals/ysue20	https://doi.org/10.1080/02670844.2023.2261675	Yes
2298	Viologen Appended Schiff base Polymer and its Symmetrical Supercapacitor Device Performance	Chokalingam Saravanan, Perumal Muthuraja, Madasamy Kanagaraj, Murugavel Kathiresan, Kuppu Sakthi Velu, Pamula Balaji Bhargav, Kiruthiga Kandasamy, Paulpandian Muthu Mareeswaran	Physics	Materials Today Communications	2023	2352-4928	https://www.sciencedirect.com/journal/materials-today-communications	https://www.sciencedirect.com/science/article/pii/S2352492823005238	Yes

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2299	Numerical simulation approach to investigate the effect of gas tube design on the impurity distribution and thermal properties of multi-crystalline silicon ingot grown by directional solidification process	Muthukumar R, Shanmugavel S, Aravinth K, Balaji Bhargav P, Ramasamy P, Kesavan V	Physics	Journal of Crystal Growth	2023	1873-5002	https://www.sciencedirect.com/journal/journal-of-crystal-growth	https://www.sciencedirect.com/science/article/pii/S0022024822004833	Yes
2300	Carbon dot–V2O5 layered nanoporous architectures for electrochemical detection of Bisphenol A: An analytical approach	Kuppusamy Rajesh, Deivasigamani Ranjith Kumar, P. Balaji Bhargav, R. Manigandan, Nafis Ahmed, C. Balaji, Jae–Jin Shim	Physics	Journal of Environmental Chemical Engineering	2022	2213-3437	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering/articles-in-press	https://www.sciencedirect.com/science/article/pii/S221334372201079X	Yes
2301	Photoluminescence and Electrochemical performance evaluation of Eu3+ Doped MgAl2O4 phosphors	Ganesh Kumar K, Balaji Bhargav P, Aravinth K, Balaji C, Nafis Ahmed	Physics	Ceramics International	2022	1873-3956	https://www.sciencedirect.com/journal/ceramics-international	https://www.sciencedirect.com/science/article/pii/S0272884222028036	Yes
2302	Selectivity oxidation of benzyl alcohol using mesoporous g-C3N4 catalysts prepared by hard template method	Arumugam Ramesh, Chau Thi Da, R Manigandan, Pamula Balaji Bhargav, Minh-Tri Nguyen-Le	Physics	Colloid and Interface Science Communications	2022	<u>2215-0382</u>	https://www.sciencedirect.com/journal/colloid-and-interface-science-communications	https://www.sciencedirect.com/science/article/pii/S2215038222000255	Yes
2303	2D layered nickel-cobalt double hydroxide nano sheets @ 1D silver nanowire-graphitic carbon nitrides for high performance super capacitors	D.Rajesh, Mathew K.Francis, P. Balaji Bhargav, A.Nafis, C.Balaji	Physics	Journal of Alloys and Compounds	2022	0925-8388	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/pii/S0925838821042134	Yes

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2304	Ag Nanowires Based SERS Substrates with Very High Enhancement Factor	Mathew K. Francis, Binaya Kumar Sahu, P. Balaji Bhargav, Balaji C, Nafis Ahmed, A. Das, Sandip Dhara,	Physics	Physica E	2022	1873-1759	https://www.sciencedirect.com/journal/physica-e-low-dimensional-systems-and-nanostructures	https://www.science.org/science/article/pii/S1386947721004367	Yes
2305	Electrochemical performance analysis of NiMoO ₄ /α-MoO ₃ composite as anode material for high capacity LIBs	Mathew K Francis; Balaji Bhargav P; Ramesh A; Nafis Ahmed; Balaji C	Physics	Applied Physics A	2022	1432-0630	https://link.springer.com/journal/339	https://doi.org/10.1007/s00339-021-05149-6	Yes
2306	Reddish-Orange Emitting Ca ₁₂ Al ₁₄ O ₃₃ : Sm ³⁺ Phosphors with High Color Purity	K.Ganesh Kumar, P. Balaji Bhargav, K. Aravinth, Armugam Raja, P.Ramasamy, Pratahp Pathi,	Physics	Chemical Papers	2022	1336-9075	https://link.springer.com/journal/11696	https://doi.org/10.1007/s11696-021-01915-1	Yes
2307	In-situ Lithiated SiO ₂ as Lithium-Free Anode for Lithium-Sulfur Batteries	Dasari Bosubabu, Sampathkumar Ramakumar, Sivaraj Jeevanantham, Inthumathi Kanagaraj, Pamula Balaji Bhargav, Nafis Ahmed, Kannadka Ramesha	Physics	Batteries and Supercapacitors	2022	2566-6223	https://chemistry-europe.onlinelibrary.wiley.com/journal/25666223	https://doi.org/10.1002/batt.202200262	Yes
2308	Tunable photoluminescence properties of Dy ³⁺ doped LLZO phosphors for WLED and dosimetry applications	K Ganesh Kumar K, P Balaji Bhargav, Aravinth, P Ramasamy, Shashwati Sen, Raja Arumugam	Physics	Ceramics International	2022	1873-3956	https://www.sciencedirect.com/journal/ceramics-international	https://www.science.org/science/article/pii/S0272884221030248	Yes
2309	Structural and luminescence property evaluation of Sm ³⁺ activated orange light emitting Li ₇ La ₃ Zr ₂ O ₁₂ phosphors	K Ganesh Kumar, P Balaji Bhargav, G Gautham Kumar, K Aravinth, Nafis Ahmed, C Balaji	Physics	Inorganic Chemistry Communications	2022	1387-7003	https://www.sciencedirect.com/journal/inorganic-chemistry-communications	https://www.science.org/science/article/pii/S1387700322009960	Yes

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2310	Enhanced Photoluminescence Properties of BaAl ₂ O ₄ : Ce ³⁺ /Li ⁺ Yellow Phosphors	K Ganesh Kumar, P. Balaji Bhargav, K Aravinth , Balaji C	Physics	Journal of Materials Science: Materials in Electronics	2022	1573-482X	https://link.springer.com/journal/10854	https://doi.org/10.1007/s10854-022-08416-1	Yes
2311	Schiff Base Covalent Organic Polymers as Electrode material for Supercapacitor Application	Chokalingam Saravanan, Bosco Christin Maria Arputham Ashwin, Shanmugasundaram Manoj, Marimuthu Senthilkumaran, Venkatesan Sethuraman, Pamula Balaji Bhargav, Perumalsamy Ramasamy, Paulpandian Muthu Mareeswaran	Physics	Materials Letters	2022	0167-577X	https://www.sciencedirect.com/journal/materials-letters	https://www.sciencedirect.com/science/article/pii/S0167577X22007017	Yes
2312	Investigations on SILAR Coated CZTS Thin Films for Solar Cells Applications	Ganesh Kumar K, Balaji Bhargav P, Gnanaprakash D , Kaushik R, Reon Mathew E, Shriram M K, Veerathangam K	Physics	Phase Transitions	2021	1029-0338	https://www.sciencedirect.com/journal/materials-today-communications	https://www.tandfonline.com/doi/abs/10.1080/01411594.2021.1939874	Yes
2313	Bifacial DSSC fabricated using low-temperature processed 3D flower like MoS ₂ - high conducting carbon composite counter electrodes	Mathew K Francis, P. Balaji Bhargav, Santhosh N, Govindaraj R, Nafis Ahmed, Balaji C	Physics	Materials Today Communications	2021	2352-4928	https://asmedigitalcollection.asme.org/electrochemical	https://www.sciencedirect.com/science/article/abs/pii/S2352492821002002	Yes
2314	Effect of Sintering on Structural Modification and Phase Transition of Al-Substituted LLZO Electrolytes for Solid State Battery Applications	K. Ganesh Kumar,P.Balaji Bhargav, Nafis Ahmed, Balaji C, Aravinth K, Ramasamy P	Physics	Journal of Electrochemical Energy Conversion and Storage	2021	2381-6910	https://asmedigitalcollection.asme.org/electrochemical	https://asmedigitalcollection.asme.org/electrochemical/article/18/3/031012/1094122/Effect-of-Sintering-on-Structural-Modification-and	Yes

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2315	Carbonaceous-MoS ₂ nanoflower-based counter electrodes for bifacial dye-sensitized solar cells	MK Francis, PB Bhargav, N Santhosh, N Ahmed, C Balaji, R Govindaraj	Physics	Journal of Physics D: Applied Physics	2021	1361-6463	https://iopscience.iop.org/journal/0022-3727	https://iopscience.iop.org/article/10.1088/1361-6463/abd6ab/meta	Yes
2316	Catalytic conversion of glucose to 5-hydroxymethylfurfural productions over sulphated Ti-Al ₂ O ₃ catalysts	ArumugamRamesh, Dhanushkotti Rajesh, Kannan Shanthi, Pamula BalajiBhargav, Minh-TriNguyen-Le	Physics	Biomass and Bioenergy	2021	0961-9534	https://www.sciencedirect.com/journal/biomass-and-bioenergy	https://www.sciencedirect.com/science/article/abs/pii/S0961953421002968	Yes
2317	Tuning the optoelectronic properties of AZO thin films for silicon thin film solar cell applications	Nafis Ahmed, Arokiyadoss Rayerfrancis, Balaji Bhargav P, Balaji C, Ramasamy P	Physics	EPJ AP	2021	1286-0042	https://www.epjap.org/	https://epjap.epj.org/articles/epjap/abs/2021/12/ap210186/ap210186.html	Yes
2318	Catalytic renovation of non-edible oil to biodiesel production through sulphated Mg-Al ₂ O ₃ (10) catalysts	Ramesh A, Balaji Bhargav P, Minh-Tri Nguyen-Le	Physics	International Journal of Energy Research	2021	1099-114X	https://onlinelibrary.wiley.com/page/journal/1099114x/homepage/productinformation.html	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.6840	Yes
2319	Synthesis and characterization of K _{0.5} Bi _{0.5} TiO ₃ -BaTiO ₃ piezoelectric ceramics for energy storage applications	Aravinth Karuppanan, Venkatraj Athikesavan, P Balaji Bhargav, P Ramasamy	Physics	Journal of Materials Science: Materials in Electronics	2021	1573-482X	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-020-04851-0	Yes
2320	Crystallization of PECVD grown Si nanowire and its characterization using confocal Raman and EELS studies	Nafis Ahmed, P Ramasamy, P Balaji Bhargav, AK Sivadasan, S Amirthapandian, Sandip Dhara, C Balaji	Physics	Journal of Materials Science: Materials in Electronics	2021	1573-482X	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-020-04754-0	Yes

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2321	Detailed investigations on the effect of temperature and RF power on the optoelectronic properties of GZO thin films suitable for TCE applications	Arokiyadoss R, Balaji Bhargav P, Ganesh Kumar K, Balaji C, Nafis A	Physics	JOAM	2021	1841 - 7132	https://joam.inoe.ro/	https://joam.inoe.ro/articles/detailed-investigations-on-the-effect-of-temperature-and-rf-power-on-the-optoelectronic-properties-of-gallium-doped-zinc-oxide-thin-films-suitable-for-transparent-conducting-electrode-applications/	Yes
2322	Spatial distribution of structural and morphological features of few layered intercalated graphene	Mathew K Francis, Balaji C, Balaji Bhargav P, Nafis A, Rekha Rao, Swayam, ADITHYA JOSEPH ANTONYSAMY	Physics	OPTOELECTRONICS AND ADVANCED MATERIALS - RAPID COMMUNICATIONS	2021	1454-4164	https://oam-rc.inoe.ro/	https://oam-rc.inoe.ro/articles/spatial-distribution-of-structural-and-morphological-features-of-few-layered-intercalated-graphene/	Yes
2323	All-solution processed highly transparent silver nanowires/PEDOT: PSS conducting thin films for optoelectronic applications	Mathew K Francis, Pamula Balaji Bhargav, Nafis Ahmed, Balaji Chandra, Dhakshina Moorthy Gnanapraksh, Nivetha Thyagarajan, Ramamurthy Racchana	Physics	ChemistrySelect	2020	2365-6549	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://chemistry-europe.onlinelibrary.wiley.com/doi/abs/10.1002/slct.201903294	Yes
2324	Nanocrystalline silicon embedded highly conducting phosphorus doped silicon thin film as high power lithium ion battery anode	Masthan Ette, Balaji Bhargav P, Nafis Ahmed, Balaji C, Arokiyadoss R, Ramesha K	Physics	Electrochimica Acta	2020	1873-3859	https://www.sciencedirect.com/journal/electrochimica-acta	https://www.sciencedirect.com/science/article/pii/S0013468619321905	Yes

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2325	CVD grown graphene on commercial and electroplated Cu substrates- Raman spectroscopy analysis	Ganesh Kumar, Balaji C, Balaji Bhargav P, Nafis Ahmed	Physics	International Journal of Materials Research	2020	1862-5282	https://www.degruyter.com/journal/key/ijmr/html?lang=en	https://www.degruyter.com/document/doi/10.3139/146.111859/html	Yes
2326	Dysprosium activated Strontium Aluminate Phosphor: A potential candidate for WLED applications	Ganesh Kumar, Balaji Bhargav P, Ramasamy P, Armugam Raja, Aravinth K	Physics	Journal of Luminescence	2020	0022-2313	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S0022231319318691	Yes
2327	Development of silicon nanowires with optimized characteristics and fabrication of radial junction solar cells with < 100 nm amorphous silicon absorber layer	Nafis Ahmed, P. Ramasamy, P. Balaji Bhargav, Arokiyadoss Rayerfrancis, BalajiChandra	Physics	Materials Science in Semiconductor Processing	2020	1369-8001	https://www.sciencedirect.com/journal/materials-science-in-semiconductor-processing	https://www.sciencedirect.com/science/article/pii/S136980011931546X	Yes
2328	Morphology modulation and structural study of indium assisted silicon nanowires by PECVD	Nafis Ahmed, P. Ramasamy, P. Balaji Bhargav, Arokiyadoss Rayerfrancis, BalajiChandra	Physics	physica E low dimensional system	2020	1873-1759	https://www.sciencedirect.com/journal/physica-e-low-dimensional-systems-and-nanostructures	https://www.sciencedirect.com/science/article/abs/pii/S1386947719319757	Yes
2329	Synthesis and characterization of ZnO nanorods on flexible substrate and their heterojunction properties	Ganesh Kumar K, Arokiyadoss Rayerfrancis, Balaji Bhargav P, Nafis Ahmed, Balaji C	Physics	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab1ac1	Yes
2330	Developments of photo-anode materials for dye-sensitized solar cell using natural sensitizer of Portulaca grandiflora flower soaked Titania nanocrystalline and nanofiber	Kuppu, Sakthi Velu, Sonaimuthu Mohandoss, Balaji Murugesan, Sethuraman Venkatesan, Senthilkumaran Marimuthu, Saravanan Chokalingam, Anandha Raj Jeyaraman, Nafish Ahmed	Physics	Chemical Physics Letters	2023	0009-2614	https://www.sciencedirect.com/journal/chemical-physics-letters	https://linkinghub.elsevier.com/retrieve/pii/S0009261422009289	Yes

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2331	NiO@ZnO composite bimetallic nanocrystalline decorated TiO ₂ -CsPbI ₃ photo-anode surface modifications for perovskite-sensitized solar cell applications	Kuppu, Sakthi Velu, Mohandoss Sonaimuthu, Senthilkumaran Marimuthu, Sethuraman Venkatesan, Balaji Murugesan, Nafis Ahmed, Aravinth Karuppanan	Physics	Journal of Molecular Structure	2023	0022-2860	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://linkinghub.elsevier.com/retrieve/pii/S0022286022024097	Yes
2332	The surfactants mediated electropolymerized poly(aniline) (PANI)-reduced graphene oxide (rGO) composite counter electrode for dye-sensitized solar cell	Kuppu, Sakthi Velu, Marimuthu Senthilkumaran, Venkatesan Sethuraman, Murugesan Balaji, Chokalingam Saravanan, Nafis Ahmed, Sonaimuthu Mohandoss, Yong Rok Lee, Jeyaraman Anandharaj, and Thambusamy Stalin	Physics	Journal of Physics and Chemistry of Solids	2023	0022-3697	https://www.sciencedirect.com/journal/journal-of-physics-and-chemistry-of-solids	https://linkinghub.elsevier.com/retrieve/pii/S0022369722005388	Yes
2333	Study on ferroelectric polarization induced resistive switching characteristics of neodymium-doped bismuth ferrite thin films for random access memory applications	Kossar, Shahnaz, R. Amiruddin, Asif Rasool, MC Santhosh Kumar, Nagamalleswari Katragadda, Pranab Mandal, and Nafis Ahmed	Physics	Current Applied Physics	2022	1567-1739	https://www.sciencedirect.com/journal/current-applied-physics	https://linkinghub.elsevier.com/retrieve/pii/S1567173922001018	Yes
2334	DFT, molecular docking, photocatalytic and antimicrobial activity of coumarin enriched Cinnamon bark extract mediated silver nanoparticles	Aravind, M., T. Kumaresubitha, Nafis Ahmed, and P. Velusamy	Physics	Inorganic Chemistry Communications	2022	1387-7003	https://www.sciencedirect.com/journal/inorganic-chemistry-communications	https://linkinghub.elsevier.com/retrieve/pii/S1387700322009844	Yes

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2335	The influence of activated carbon annealing temperature on sunlight-driven photocatalytic dye degradation and biological activity	Amalanathan, M., M. Aravind, Nafis Ahmed, M. Sony Michel Mary, P. Velusamy, T. Kumaresubitha, Razia Noreen, and Shafaqat Ali	Physics	Inorganic Chemistry Communications	2022	1387-7003	https://www.sciencedirect.com/journal/inorganic-chemistry-communications	https://linkinghub.elsevier.com/retrieve/pii/S1387700322009571	Yes
2336	Preparation of titanium dioxide nanorods/nanoparticles via one-step hydrothermal method and their influence as a photoanode material in nanocrystalline dye-sensitized solar cell	R. Govindaraj, N. Santhosh, M. Senthil Pandian and P. Ramasamy	Physics	APPLIED SURFACE SCIENCE	2018	0169-4332	https://www.sciencedirect.com/journal/applied-surface-science	https://www.sciencedirect.com/science/article/abs/pii/S0169433218301739	Yes
2337	A comparative study on a flexible ZnO-based nanogenerator using Schottky and p-n junction contact for energy harvesting applications	S. Kirubaveni, S. Radha, R. Govindaraj and N. Santhosh	Physics	NANOSCALE	2018	2040-3364	https://pubs.rsc.org/en/journals/journalissues/nr#!recentarticles&adv	https://pubs.rsc.org/en/content/articlelanding/2018/nr/c8nr02844c	Yes
2338	Fabrication of hole-transport-free perovskite solar cells using 5-ammonium valeric acid iodide as additive and carbon as counter electrode	N. Santhosh, S. R. Sitaaraman, P. Pounraj, R. Govindaraj, M. Senthil Pandian and P. Ramasamy	Physics	MATERIALS LETTERS	2019	0167-577X	https://www.sciencedirect.com/journal/materials-letters	https://www.sciencedirect.com/science/article/abs/pii/S0167577X18318093#:~:text=5%2DAmmonium%20valeric%20acid%20iodide%20(5%2DAVAI)%20cation,%C%20for%2030%20min.	Yes
2339	Design and Experimental Evaluation of a Proximity Coupled Transparent Patch Antenna for WLAN	P. Devi Sowjanya, M. Gulam Nabi Alsath, S. Kirubaveni, R. Govindaraj and N. Santhosh	Physics	IETE JOURNAL OF RESEARCH	2019	0377-2063	https://www.tandfonline.com/journals/tjir20	https://www.tandfonline.com/doi/full/10.1080/03772063.2019.1588174	Yes

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2340	Comparative study on hydrothermally synthesized undoped and Vanadium doped Zinc Oxide nanorods for nanoelectromechanical systems low-frequency accelerometer application	R. Kiruthika, S. Radha, S. Kirubaveni, E. Priyadharshini, R. Govindaraj, N. Santhosh and P. Ramasamy	Physics	THIN SOLID FILMS	2019	0040-6090	https://www.sciencedirect.com/journal/thin-solid-films	https://www.science.org/doi/abs/10.1016/j.solidstate.2019.09.002	Yes
2341	Microwave assisted synthesis of polythiophene-molybdenum sulfide counter electrode in dye sensitized solar cell	A. Aswathy, A. Adarsh Naik, S. Arunachalam, R. Govindaraj, and K. Haribabu	Physics	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	2019	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-019-01740-z	Yes
2342	Experimental Study of Different Vanadium Dopant Concentrations in ZnO Nanorods for a Low Frequency Piezoelectric Accelerometer	R. Kiruthika, S. Radha, S. Kirubaveni, E. Priyadharshini, R. Govindaraj, S. Santhosh and P. Ramasamy	Physics	JOURNAL OF ELECTRONIC MATERIALS	2019	0361-5235	https://link.springer.com/journal/11664	https://link.springer.com/article/10.1007/s11664-019-07341-0	Yes
2343	Experimental Analysis of Transition Metal (Ni-V) Codoped ZnO Nanorods for Piezoelectric Accelerometer Application	R. Kiruthika, S. Radha, S. Kirubaveni, G. Iyappan, R. Govindaraj, N. Santhosh and P. Ramasamy	Physics	IEEE TRANSACTIONS ON NANOTECHNOLOGY	2020	1536-125X	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=7729	https://ieeexplore.ieee.org/document/9204810	Yes
2344	An ultra-wideband rectenna using optically transparent Vivaldi antenna for radio frequency energy harvesting	P. Devi sowjanya, M. Gulam Nabi Alsath, S. Kirubaveni, N. Santhosh and R. Govindaraj	Physics	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	2020	1096-4290	https://onlinelibrary.wiley.com/journal/1099047x	https://onlinelibrary.wiley.com/doi/abs/10.1002/mmce.22362#:~:text=Abstract,oxide%20of%20thickness%20650%20nm.	Yes
2345	Carbonaceous-MoS2 nanoflower-based counter electrodes for bifacial dye-sensitized solar cells	Mathew K. Francis, P. Balaji Bhargav, N. Santhosh, Nafis Ahmed, C. Balaji, and R. Govindaraj	Physics	JOURNAL OF PHYSICS D- APPLIED PHYSICS	2021	1361-6463	https://iopscience.iop.org/journal/0022-3727	https://iopscience.iop.org/article/10.1088/1361-6463/abd6ab/meta	Yes

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2346	Synthesis of anatase TiO ₂ microspheres and their efficient performance in dye-sensitized solar cell	V. Gowthambabu, Mrunal Deshpande, R. Govindaraj, V.K. Nithesh Krishna, M. Leela Charumathi, J. Manish Kumar, M. S. Dhilip Vignesh, R. Isaac Daniel, and P. Ramasamy	Physics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2021	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-021-06923-1	Yes
2347	Experimental analysis of UV-activated ethanol sensor based on the formation of organic/inorganic heterojunction	S. Radha, S. Kirubaveni, M. Sudha, R. Kiruthika, R. Govindaraj N. Santhosh	Physics	CIRCUIT WORLD	2022	0305-6120	https://www.emerald.com/insight/publication/issn/0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-05-2020-0082/full/html	Yes
2348	Experimental investigation of performance tailoring of the multifunctional sensor using transition metal (Fe) doped ZnO nanorods synthesized via a facile solution-based method	R. Kiruthika, S. Radha, S. Kirubaveni, V. Shyamala, G. Iyappan, R. Govindaraj, P. Ramasamy	Physics	NANOTECHNOLOGY	2022	0957-4484	https://iopscience.iop.org/journal/0957-4484	https://iopscience.iop.org/article/10.1088/1361-6528/ac2e25	Yes
2349	A comparative study of 4-chloro 3-nitro benzophenone crystals grown by slow evaporation solution and Sankaranarayanan-Ramasamy methods	G. Durgababu, G. Bhagavannarayana, T. Kamalesh, R. Govindaraj, G. J. Nagaraju	Physics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-07947-x	Yes
2350	Vibration sensing analysis of ZnO nanorods grown using low-temperature aqueous growth method for varying durations	G. Iyappan, R. Govindaraj, P. Ramasamy, R. Kiruthika, V. Shyamala and S. Radha	Physics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-07883-w	Yes

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2351	Investigating the effect of π -configurations and methoxy substitution on donor and π -spacers based dYes for dye-sensitized solar cell applications-computational approach	R. Anandha Krishnan, P. Pounraj, R. Govindaraj, M. Senthil Pandian and P. Ramasamy	Physics	RESEARCH ON CHEMICAL INTERMEDIATES	2022	0922-6168	https://link.springer.com/journal/11164	https://link.springer.com/article/10.1007/s11164-022-04698-6	Yes
2352	Nickel Cobalt Telluride Nanorods for Sensing the Hydrogen Peroxide in Living Cells	M. Manikandan, R. Govindaraj, P. Ramasamy and S.Dhanuskodi	Physics	ACS OMEGA	2022	2470-1343	https://pubs.acs.org/journal/acsof	https://pubs.acs.org/doi/full/10.1021/acsomega.1c06007	Yes
2353	Microwave-assisted hydrothermal synthesis and characterization of TiO ₂ microspheres for efficient dye-sensitized solar cells	B. Vasanth, R. Govindaraj, and P. Ramasamy	Physics	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2022	0957-4522	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-022-08629-4	Yes
2354	Experimental Validation of TiO ₂ Shielded ZnO Nanorods Synthesized via Low-Temperature Solution-Based Method for Sewage System [Gas (CO and CH ₄) and Acceleration Sensing]	R. Kiruthika, S. Radha, S. Kirubaveni, G. Iyappan, V. Shyamala and R. Govindaraj	Physics	JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES	2022	2523-3920	https://link.springer.com/journal/42417	https://link.springer.com/article/10.1007/s42417-022-00826-z	Yes
2355	Fabrication of vibration sensors using precursor molar concentration varied ZnO nanostructures grown by refresh hydrothermal method	G. Iyappan, R. Govindaraj, N. Santhosh, P. Ramasamy, R. Kiruthika and S. Radha	Physics	CIRCUIT WORLD	2023	0305-6120	https://www.emerald.com/insight/publication/issn/0305-6120	https://www.emerald.com/insight/content/doi/10.1108/CW-08-2020-0183/full/html	Yes
2356	Enhanced electrochemical performances of three-dimensional cubic ordered mesoporous carbon by boron-doping for supercapacitor applications	G.G. Karthikeyan, V. Ramani, R. Rajesh Kumar, R. Govindaraj, A. Pandurangan	Physics	JOURNAL OF APPLIED ELECTROCHEMISTRY	2023	0021-891X	https://link.springer.com/journal/10800	https://link.springer.com/article/10.1007/s10800-022-01833-4	Yes

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2357	Novel ruthenium-doped vanadium carbide/polymeric nanohybrid sensor for acetaminophen drug detection in human blood	D. Murugesan, E. Mari, E. Muthusankar, G. Sivarasan, A. Ansari Anees,R. Govindaraj, L. Siew Ling, T. Pei-Chien, C. Yi-Hsun P. Vinoth Kumar	Physics	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	2023	0141-8130	https://www.sciencedirect.com/journal/international-journal-of-biological-macromolecules	https://www.sciencedirect.com/science/article/abs/pii/S0141813023022237	Yes
2358	Reduced graphene oxide supported monoclinic bismuth vanadate nanoparticles as an electrocatalyst for selective determination of dopamine in human urine samples	M. Dinesh, R. Govindaraj, M. Manikandan, P. Ramasamy, H. Yuvaraj and K. Ramasamy Thangavelu Rajendra	Physics	MATERIALS CHEMISTRY AND PHYSICS	2023	0254-0584	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://www.sciencedirect.com/science/article/abs/pii/S0254058423001451	Yes
2359	Enhanced Adsorption of Cu ²⁺ , Ni ²⁺ , Cd ²⁺ and Zn ²⁺ ions onto Physico-Chemically Modified Agricultural Waste: Kinetics, Isotherm and Thermodynamic Studies	A. Murugesan, M. Divakaran and P. Senthilkumar	Chemistry	Desalination and Water Treatment	2018		https://www.tandfonline.com/toc/tadwt20/current	https://www.deswater.com/DWT_abstracts/vol_122/122_2018_176.pdf	Yes
2360	"An Eco-friendly Porous Poly(imide-ether)s for the Efficient Removal of Methylene Blue: Adsorption Kinetics, Isotherm, Thermodynamics and Reuse Performances",	Arukkani Murugesan, M. Divakaran, Pranav Raveendran, Nitin Nikamant A B and Kevin J Thelly,	Chemistry	Journal of Polymers and the Environment	2019	1566-2543	https://link.springer.com/journal/10924	https://link.springer.com/article/10.1007/s10924-019-01408-z	Yes
2361	"The influence of n-type and p-type dopants on the interfacial charge transfer and the band structure of Bi ₂ MoO ₆ to enhance solar H ₂ production",	N. Subha, M. Mahalakshmi, M. Myilsamy, B. Neppolian, and V. Murugesan,	Chemistry	Journal of Photochemistry and Photobiology A: Chemistry	2019	1873-2666	https://www.sciencedirect.com/journal/journal-of-photochemistry-and-photobiology-a-chemistry/issues	https://www.sciencedirect.com/science/article/abs/pii/S1010603019301352	Yes

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2362	""Adsorption of U(VI) and Th(IV) from simulated nuclear waste using PAMAM and DGA functionalized PAMAM dendron grafted styrene divinylbenzene chelating resins",	N. Priyadarshini, P. Ilaiyaraja,	Chemistry	Chemical Papers	2019	2585-7290	https://www.chempap.org/	https://link.springer.com/article/10.1007/s11696-019-00830-w	Yes
2363	"Understanding structure and composition of thermally rearranged polymers based on small molecule chemistry: A perspective",	N. Subha, M. Mahalakshmi, S. Monika and B. Neppolian,	Chemistry	Polymer International	2019	0959-8103	https://onlinelibrary.wiley.com/journal/10970126	https://onlinelibrary.wiley.com/doi/abs/10.1002/pi.5869	Yes
2364	"Ni(OH) ₂ -Cu ₂ O-TiO ₂ nanocomposite for the enhanced H ₂ production under solar light: The mechanistic pathway",	N. Subha , M. Mahalakshmi , S. Monika , <u>B. Neppolian</u>	Chemistry	International Journal of Hydrogen Energy	2019	1879-3487	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319919324139#:~:text=In%20this%20study%2C%20Ni(OH,the%20interfacial%20charge%20transfer%20process.	Yes
2365	"Enhanced specific capacitance of a novel ternary polypyrrole incorporated with prussian blue and mesoporous carbon black for high performance supercapacitor applications",	Suganthi Muthusamy, Julie Charles, M.S. Michael, K. Shree Kesavan,	Chemistry	Materials Research Bulletin	2019	0025-5408	https://www.sciencedirect.com/journal/materials-research-bulletin	https://www.sciencedirect.com/science/article/abs/pii/S0025540819306038	Yes
2366	"Facile Electrochemical Activity of Monoclinic Li ₂ MnSiO ₄ as Potential Cathode for Li-Ion Batteries",	K. Shree Kesavan, M. S. Michael, S. R. S. Prabakaran,	Chemistry	ACS Appl. Mater. Interfaces	2019	1944-8244	https://pubs.acs.org/journal/aamick	https://pubs.acs.org/doi/10.1021/acsami.9b08213	Yes

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2367	"Battery-active Monoclinic Li ₂ MnSiO ₄ Synthesized via Temperature Programmed Reaction" ,	K. Shree Kesavan, M. S. Michael, S. R. S. Prabakaran,	Chemistry	Journal of the Taiwan Institute of Chemical Engineers	2019	1876-1070	https://www.sciencedirect.com/journal/journal-of-the-taiwan-institute-of-chemical-engineers	https://www.sciencedirect.com/science/article/abs/pii/S1876107019304031	Yes
2368	"Syntheses and X-ray structure characterization of dimeric copper(I) halo(X)complexes (X = Br, I) of (diisopropylamino) (morpholino) (phenyl) phosphine" doi.org/10.1080/24701556.2020.1762221 (Apr -2020)	<u>T. Arun Luiz,</u>	Chemistry	<u>Inorganic and nanometal chemistry,</u>	2020	2470-1556	https://www.tandfonline.com/journals/lst21		Yes
2369	"High-performance Polyimides with Pendant Fluorenylidene groups: Synthesis, Characterization and Adsorption Behaviour" , doi.org/10.1007/s10924-020-01777-w (8 June 2020)	A. Murugesan and P. Mahendran,	Chemistry	Journal of Polymers and the Environment	2020	1566-2543	https://link.springer.com/journal/10924	https://link.springer.com/article/10.1007/s10924-020-01777-w	Yes

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2370	<i>Novel Interconnected Hierarchical porous carbon electrodes derived from Bio-waste of corn husk for supercapacitor applications,</i>	<i>K. Surya K, M.S. Michael M. S,</i>	Chemistry	<i>Journal of Electro Analytical Chemistry,</i>	2020	1572-6657	https://www.sciencedirect.com/journal/journal-of-electroanalytical-chemistry-and-interfacial-electrochemistry	https://www.science/article/abs/pii/S1572665720309024#:~:text=Novel%20Interconnected%20Hierarchical%20porous%20carbon%20(IHPC)%20prepared%20from%20bio%2D,reported%20as%20an%20electrode%20material.&text=Chemical%20activation%20carried%20out%20by,KOH)%20as%20an%20activating%20agent.&text=Activated%20corn%20husk%20(ACH%2D600,spherical%20shape%20micro%2Fmesoporous%20structures.	Yes
2371	<i>Phosphatidylserine and phosphatidylethanolamine regulate the structure and function of FVIIa and its interaction with soluble tissue factor,</i>	<i>Sengupta T, Koklic T, Lentz BR and Majumder R,</i>	Chemistry	<i>Bioscience Reports,</i>	2021	1448463	https://portlandpress.com/bioscience	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7859323/	Yes
2372	<i>Role of vitamin D in treating COVID-19-associated coagulopathy: problems and perspectives,</i>	<i>Sengupta T, Majumder S and Majumder,</i>	Chemistry	<i>Molecular and Cellular Biochemistry,</i>	2021	3008177	https://link.springer.com/journal/11010	https://pubmed.ncbi.nlm.nih.gov/33604809/	Yes

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2373	<i>Comparative evaluation of multi-residue methods for analysis of pesticide residues in black pepper by gas chromatography tandem mass spectrometry: critical evaluation of matrix co extractives and method validation,</i>	<i>ChandrasekarKandaswamy, SreekanthAnandaram, S. I. Davis Presley, Ahammed T. P. Shabeer,</i>	Chemistry	<i>J Food Sci.Technol</i>	2021	0022-1155	https://link.springer.com/journal/13197	https://pubmed.ncbi.nlm.nih.gov/33678874/	Yes
2374	<i>Cobalt and Nickel Oxides Supported Activated Carbon as an Effective Photocatalysts for the Degradation Methylene Blue Dye from Aquatic Environment,</i>	<i>A. Murugesan, M. Loganathan P. Senthilkumar, Dai-Viet N. Vo,</i>	Chemistry	<i>Sustainable Chemistry and Pharmacy,</i>	2021		https://www.sciencedirect.com/journal/sustainable-chemistry-and-pharmacy	https://www.sciencedirect.com/science/article/abs/pii/S2352554121000334	Yes
2375	<i>Hierarchical porous activated carbon prepared from biowaste of lemon peel for electrochemical double layer capacitors,</i>	<i>.Surya, M.S.Michael,</i>	Chemistry	<i>Biomass and Bioenergy</i>	2021	0961-9534	https://www.sciencedirect.com/journal/biomass-and-bioenergy	https://www.sciencedirect.com/science/article/abs/pii/S0961953421002117	Yes
2376	<i>Efficient Charge Storage in Hierarchically Porous Carbon Foams for Supercapacitor Applications,</i>	<i>M.D.S Michael, K.S Kesavan, S.R.S Prabakaran</i>	Chemistry	<i>Energy Technology</i>	2021		https://onlinelibrary.wiley.com/journal/21944296	https://onlinelibrary.wiley.com/doi/abs/10.1002/ente.202100252	Yes
2377	<i>Tunable luminescence from yttrium oxide flowers using asparagine as shape modifier,</i>	<i>VairapperumalTamilmani, Manisha Mondal, Vineet Kumar Rai, Ashok Kumar Mishra,</i>	Chemistry	<i>Journal of Alloys and compounds</i>	2021	1873-4669	https://www.sciencedirect.com/journal/journal-of-alloys-and-compounds	https://www.sciencedirect.com/science/article/abs/pii/S0925838820339396	Yes
2378	<i>Pseudocapacitive binary metal oxide NiMn2O4 nanoparticles as an electrode for high-powered hybrid supercapacitors,</i>	<i>Surya. K, Michael, M. S.</i>	Chemistry	<i>Journal of Materials Science: Materials in Electronics</i>	2022		https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-021-07516-8	Yes

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2379	Conductive carbon black/CuS composite counter electrode for the enhanced photovoltaic performance of CdS quantum dot sensitized solar cells,	Monika, S, Mahalakshmi, M.Veerathangam, K., Senthil Pandian, M., Ramasamy, P.	Chemistry	Journal of Applied Physics A	2022	1432-0630	https://link.springer.com/journal/339	https://link.springer.com/article/10.1007/s00339-022-05356-9	Yes
2380	Graphene quantum dots and CuSmicroflowers anchored rGO composite counter electrode for the enhanced performance of quantum dot sensitized solar cells,	Monika, S., Mahalakshmi, M., Subha, N., Pandian, M. S., Ramasamy, P.	Chemistry	Journal of Diamond and Related Materials	2022	1879-0062	https://www.sciencedirect.com/journal/diamond-and-related-materials/issues	https://www.sciencedirect.com/science/article/abs/pii/S0925963522002151?via%3Dihub	Yes
2381	Fibrous TiO2 exhibiting efficient U (VI) adsorption from aqueous solution,	Priya, S., Ilaiyaraja, P., Priyadarshini, N.	Chemistry	International Journal of Environmental Analytical Chemistry	2022	1029-0397	https://www.google.com/search?q=international+journal+of+environmental+analytical+chemistry&og=International+Journal+of+Environmental+Analytical+Chemistry&gs_lcrp=EgZiaHJvbWUqBwgAEAAyGAAQyBwgAEAAyGAAQyBwgCEAAyGAQyBwgDEAAyGAQyBwgEEAAyGAQyBggFEUyQDIGCAYQRRhAMgYIBxBFGECOAqCwAgA&sourceid=chrome&ie=UTF-8	https://www.tandfonline.com/doi/full/10.1080/03067319.2022.2047182#:~:text=The%20table%20clearly%20shows%20that,ions%20from%20industrial%20aqueous%20wastes.	Yes

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2382	High rate capability and thermal stability of monoclinic Li ₂ MnSiO ₄ —A promising high capacity cathode material for lithium batteries.	Shree Kesavan, K., Michael, M. S.,	Chemistry	Journal of Solid State Electrochemistry	2022	1432-8488	https://link.springer.com/journal/10008	https://link.springer.com/article/10.1007/s10008-022-05180-4	Yes
2383	Indium doped CdTe colloidal quantum dots stabilised in aqueous medium for white light emission,	VijayarajVenkatachalam, SasikalaGanapathy, N. Priyadarshini, IlaiyarajaPerumal,	Chemistry	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2022	0927-7757	https://www.sciencedirect.com/journal/colloids-and-surfaces-a-physicochemical-and-engineering-aspects	https://www.sciencedirect.com/science/article/abs/pii/S092775722016466	Yes
2384	Improved chromatographic performance in red chilli powder pesticide residue quantitation by retention gap introduction in gas chromatography tandem mass spectrometry,	ChandrasekarKandaswamy, DavisPresley T. P. ShabeerAhmed,Sreekanth Anadaram	Chemistry	Journal of Food science and Technology	2022	0022-1155	https://link.springer.com/journal/13197	https://pubmed.ncbi.nlm.nih.gov/35531408/	Yes
2385	Lipid composition dependent binding of apolipoprotein E signal peptide: Importance of membrane cholesterol in protein trafficking,	LipikaMirdha, TanusreeSengupta, Hirak Chakraborty,	Chemistry	Biophysical Chemistry	2022	3014622	https://www.sciencedirect.com/journal/biophysical-chemistry	https://www.sciencedirect.com/science/article/abs/pii/S030462222001491#:~:text=ApoE%20signal%20peptide%20binds%20the,the%20lipid%20composition%20of%20ER.	Yes
2386	TiO ₂ /CdS/CdSe quantum dots co-sensitized solar cell with the staggered-gap (type-II) heterojunctions for the enhanced photovoltaic performance,	S. Monika, M. Mahalakshmi, M. Senthil Pandian,	Chemistry	Ceramics International	2023	0272-8842	https://www.sciencedirect.com/journal/ceramics-international/articles-in-press	https://www.sciencedirect.com/science/article/abs/pii/S027284222040159	Yes

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2387	Bio-waste derived hydroxyapatite nano rods for U(VI) uptake from aqueous medium	A. Dhanasekaran, G. Suresh, Ilaiyaraja Perumal, N. Priyadarshini, K. Dhanaraj, R. M. Vimalathithan	Chemistry	Journal of Radioanalytical and Nuclear Chemistry	2023	0927-7757	https://link.springer.com/journal/10967	https://link.springer.com/article/10.1007/s10967-023-08976-4	Yes
2388	Effective removal of uranium (VI) using magnetic acid functionalized Fe ₃ O ₄ @TiO ₂ nanocomposite from aqueous solutions	S. Priya, P. Ilaiyaraja, N. Priyadarshini, N. Subalekha	Chemistry	Process Safety and Environmental Protection	2023	1744-3598	https://www.sciencedirect.com/journal/process-safety-and-environmental-protection	https://www.sciencedirect.com/science/article/abs/pii/S095758202300736X	Yes
2389	Effect of variations in the conserved residues E371 and S359 on the structural dynamics of protein Z dependent protease inhibitor (ZPI): a molecular dynamic simulation study	Chellam Gayathri, S., Gupta, S., Suresh, A., Senapati, S., Sengupta, T.	Chemistry	Journal of Biomolecular Structure and Dynamics	2022	7391102	https://www.tandfonline.com/toc/tbsd20/current	https://pubmed.ncbi.nlm.nih.gov/33554754/	Yes
2390	<u>COVID-19: A probable role of the anticoagulant Protein S in managing COVID-19-associated coagulopathy</u>	Chatterjee S, Sengupta T, Majumder S, Majumder R	Chemistry	Aging	2020	19454589	https://www.agin-g-us.com/	https://pubmed.ncbi.nlm.nih.gov/32826388/	Yes
2391	Heterostructured γ-Fe ₂ O ₃ /FeTiO ₃ magnetic nanocomposite: An efficient visible-light-driven photocatalyst for the degradation of organic dye	N. Subha, M. Mahalakshmi, S. Monika, V. Preethi, G. Vaishnavi, P. Senthil Kumar, A.Rajabhuvaneswari	Chemistry	Chemosphere	2022	1879-1298	https://www.sciencedirect.com/journal/chemosphere	https://pubmed.ncbi.nlm.nih.gov/35810869/	Yes

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2392	TiO ₂ /CdS/CdSe quantum dots co-sensitized solar cell with the staggered-gap (type-II) heterojunctions for the enhanced photovoltaic performance	S. Monika, M. Mahalakshmi and M. Senthil Pandian	Chemistry	Ceramics International	2023	1873-3956	https://www.sciencedirect.com/journal/ceramics-international/issues	https://www.sciencedirect.com/science/article/abs/pii/S0272884222040159	Yes
2393	Exploring the role of tamarind seed husk derivatives for the enhanced photocatalytic degradation efficiency of meso-TiO ₂ : via improved superoxide anion radicals generation and visible light absorption	Meera A, Mahalakshmi M	Chemistry	Journal of Molecular Structure	2023	1872-8014	https://www.sciencedirect.com/journal/journal-of-molecular-structure	https://www.sciencedirect.com/science/article/abs/pii/S0022286023021233	Yes
2394	High-performance electric double-layer capacitor fabricated with nanostructured carbon black-paint pigment as an electrode	V. Samynaathan, Sangeetha R. Iyer, K. Shree Kesavan, M. S. Michael	Chemistry	Carbon Letters	2021	1976-4251	https://link.springer.com/journal/42823/submission-guidelines	https://link.springer.com/article/10.1007/s42823-020-00159-5	Yes
2395	High powered hybrid supercapacitor with microporous activated carbon	K. Shree Kesavan, K. Surya, M.S. Michael	Chemistry	Solid State Ionics	2021	0167-2738	https://www.sciencedirect.com/journal/solid-state-ionics	https://www.sciencedirect.com/science/article/abs/pii/S0167273818300523	Yes
2396	A Review on Advancement in Non-Noble Metal based Oxides as Bifunctional Catalysts for Rechargeable Non-aqueous Li/air Battery	K.Surya, M.S.Michael, S.R.S. Prabakaran	Chemistry	Solid State Ionics	2021	0167-2738	https://www.sciencedirect.com/journal/solid-state-ionics	https://www.sciencedirect.com/science/article/abs/pii/S0167273817306033	Yes

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2397	Dual mode luminescence from lanthanum orthovanadate nanoparticles	Tamilmani Vairapperumal,* Lakshmi Mukhopadhyay, Vineet Kumar Rai, Kalarical Janardhanan	Chemistry	Journal of Luminescence	2020	1872-7883	https://www.sciencedirect.com/journal/journal-of-luminescence	https://www.sciencedirect.com/science/article/abs/pii/S002223131930746X#:~:text=The%20developed%20nanophosphors%20exhibit%20intense,phosphors%20in%20anti%2Dcounterfeiting%20applications.	Yes
2398	Structural and lattice dynamics investigation of double luminescent nanosized hybrid Gd ₂ O ₃	Tamilmani Vairapperumal, Sasank Pattanaik, Vineet Kumar Rai, and Balakumar Subramanian*	Chemistry	Materials Today Communications	2023	2352-4928	https://www.sciencedirect.com/journal/materials-today-communications	https://www.sciencedirect.com/science/article/abs/pii/S2352492823011911	Yes
2399	Bright red frequency upconversion and blue frequency downconversion in asparagine chelated Nd ³⁺ /Tb ³⁺ co doped tetragonal orthovanadate nanoparticles	Tamilmani Vairapperumal, and Balakumar Subramanian	Chemistry	Materials Chemistry and Physics	2023	1879-3312	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://www.sciencedirect.com/science/article/abs/pii/S0254058423009355	Yes
2400	Cationic surfactant mediated room temperature synthesis and characterization of ZnO nanoparticles	Arun Luiz T	Chemistry	Inorganic and Nanometal Chemistry	2018	2470-1556	https://www.tandfonline.com/journals/lr21	https://www.tandfonline.com/doi/abs/10.1080/24701556.2017.1373296	Yes
2401	Electrochemical sensor based on N,P-doped carbon quantum dots derived from the banana flower bract (Musa acuminata) biomass extract for selective and picomolar detection of dopamine	A Padmapriya, P Thiyagarajan, M Devendiran, RA Kalaivani, AM Shanmugharaj	Chemistry	Journal of Electroanalytical Chemistry	2023	1873-2569	https://www.sciencedirect.com/journal/journal-of-electroanalytical-chemistry-and-interfacial-electrochemistry	https://www.sciencedirect.com/science/article/abs/pii/S1572665723004691	Yes

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2402	DFT theoretical and experimental studies unraveling the structural and electronic properties of niobium doped calcium apatite ceramics	P Thiagarajan, AM Shanmugharaj, T Alagesan, A Padmapriya, RA Kalaivani	Chemistry	Materials Today Communications	2023	2352-4928	https://www.sciencedirect.com/journal/materials-today-communications	https://www.science.org/doi/abs/pii/S2352492823005640	Yes
2403	2D-Channel-Forming Catechol-Based Polyphosphates as Solid Polymer Electrolytes and Their Microstructure-Assisted Li-Ion Conductivity	Srinivas Billakanti, Anjana K Othayoth, Heeralal Vignesh Babu, Andikkadu M Shanmugharaj, Prachuritha Bantumelli, Krishnamurthi Muralidharan	Chemistry	ACS Applied Energy Materials	2023	2574-0962	https://pubs.acs.org/journal/aaemc	https://pubs.acs.org/doi/10.1021/acsaem.3c00150	Yes
2404	Fabrication of Nanometer-Sized Nickel-Based Metal Organic Frameworks on Carbon Nanotubes for Electro-Catalytic Oxidation of Urea and Arsenic Removal	D. Gangaraju, AM Shanmugharaj, V. Sridhar, Hyun Park	Chemistry	ACS Applied Nano Materials	2022	2574-0970	https://pubs.acs.org/journal/aanmf6	https://pubs.acs.org/doi/10.1021/acsanm.2c05001	Yes
2405	Superior electrochemical performances of SnS–SnO ₂ /NRGO heterostructures-based lithium anode with enhanced electric field effect	N Venkatesan, AM Shanmugharaj, MJK Reddy, KH Won, SH Ryu	Chemistry	Journal of Materials Research	2022	2044-5326	https://link.springer.com/journal/43578	https://link.springer.com/article/10.1557/s43578-022-00810-z	Yes
2406	Organosilane based artificial solid electrolyte interface layer for stable metallic lithium anode	H Irfan, AM Shanmugharaj	Chemistry	Applied Surface Science	2022	1873-5584	https://www.sciencedirect.com/journal/applied-surface-science	https://www.science.org/doi/abs/pii/S0169433222003841	Yes
2407	Combustion-assisted synthesis of Mn-rich cathode for high performance Li-ion batteries	L Pretencia, E Soundarajan, AM Shanmugharaj, RA Kalaivani, S Raghu	Chemistry	Journal of Energy Storage	2022	2352-152X	https://www.sciencedirect.com/journal/journal-of-energy-storage	https://www.science.org/doi/abs/pii/S2352152X22000937	Yes

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2408	Scalable synthesis of graphitized carbon powder from Prosopis juliflora and its supercapacitive performance	G Sivagaami Sundari, K Thileep Kumar, E Senthil Kumar, AM Shanmugaraj, R Kalaivani, S Raghu	Chemistry	Journal of Physics and Chemistry of solids	2022	1879-2553	https://www.sciencedirect.com/journal/journal-of-physics-and-chemistry-of-solids	https://www.sciencedirect.com/science/article/abs/pii/S0022369721005072	Yes
2409	Waste tire derived carbon as potential anode for lithium-ion batteries	T Veldevi, S Raghu, RA Kalaivani, AM Shanmugharaj	Chemistry	Chemosphere	2022	1879-1298	https://www.sciencedirect.com/journal/chemosphere	https://pubmed.ncbi.nlm.nih.gov/34619259/	Yes
2410	Preparation and characterisation of chitosan extracted from shrimp shell (Penaeus monodon) and chitosan-based blended solid polymer electrolyte for lithium-ion batteries	M Leo Edward, KC Dharanibalaji, K Thileep Kumar, A Raghu Subash Chandrabose, AM Shanmugharaj, V Jaisankar	Chemistry	Polymer Bulletin	2022	1436-2449	https://link.springer.com/journal/289	https://link.springer.com/article/10.1007/s00289-020-03472-1	Yes
2411	Transmogrifying waste blister packs into defect-engineered graphene-like turbostratic carbon: novel lithium-ion (Li-ion) battery anode with noteworthy electrochemical characteristics	K Thileep Kumar, S Raghu, AM Shanmugharaj	Chemistry	Nanoscale	2022	2040-3372	https://pubs.rsc.org/en/journals/journalissues/nr#!recentarticles&adv	https://pubs.rsc.org/en/content/articlelanding/2022/nr/d1nr07183a	Yes
2412	Physico-chemical and piezoelectric characterization of electroactive nanofabrics based on functionalized graphene/talc nanolayers/PVDF for energy harvesting	Sawan Shetty, AM Shanmugharaj, S Anandhan	Chemistry	Journal of Polymer Research	2021	1572-8935	https://link.springer.com/journal/10965	https://link.springer.com/article/10.1007/s10965-021-02786-6	Yes

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2413	High performance sodium-ion battery anode using biomass derived hard carbon with engineered defective sites	S. Raghu K. T. Kumar, A. M. Shanmugharaj, RA. Kalaivani, S. Zh. Karazhanov	Chemistry	Electrochimica Acta	2021	1873-3859	https://www.sciencedirect.com/journal/electrochimica-acta	https://www.sciencedirect.com/science/article/abs/pii/S0013468620319678	Yes
2414	Synthesis of self-healing polyurethane and its application in graphene/SnO ₂ -pillared carbon anode materials	Young Joon Kwon, Jeevan Kumar Reddy Modigunta, AM Shanmugharaj, Hyung Jin Mun, Sung Hun Ryu	Chemistry	Polymers & Polymers Composites	2020	1478-2391	https://journals.sagepub.com/home/ppc	https://journals.sagepub.com/doi/full/10.1177/0967391119879009#:~:text=Electrochemical%20studies%20were%20conducted%20using,compared%20to%20PU%20or%20PVDF.	Yes
2415	Synthesis of graphene-siloxene nanosheet based layered composite materials by tuning its interface chemistry: An efficient anode with overwhelming electrochemical performances for lithium-ion batteries	K Thileep Kumar, M Jeevan Kumar Reddy, G Sivagaami Sundari, S Raghu, RA Kalaivani, Sung Hun Ryu, AM Shanmugharaj	Chemistry	Journal of Power Sources	2020	1873-2755	https://www.sciencedirect.com/journal/journal-of-power-sources	https://www.sciencedirect.com/science/article/abs/pii/S0378775319316118	Yes
2416	Promising nature-based nitrogen-doped porous carbon nanomaterial derived from borassus flabellifer male inflorescence as superior metal-free electrocatalyst for oxygen reduction reaction	S. Raghu K. T. Kumar, G. S. Sundari, E. S. Kumar, A. M. Shanmugharaj, RA. Kalaivani, R. Balaji	Chemistry	International Journal of Hydrogen Energy	2019	1879-3487	https://www.sciencedirect.com/journal/international-journal-of-hydrogen-energy	https://www.sciencedirect.com/science/article/abs/pii/S0360319919329611	Yes

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2417	Development of constructed nanoporous graphene-modified electrode for electrical detection of folic acid	Elumalai Senthilkumar, Andikkadu Masilamani Shanmugharaj, Rajendran Suresh Babu, Gunasekaran Sivagaami Sundari, Kumaresan Thileep Kumar, Subashchandrabose Raghu, Raman Kalaivani	Chemistry	Journal of Materials Science: Materials in Electronics	2019	1573-482X	https://link.springer.com/journal/10854	https://link.springer.com/article/10.1007/s10854-019-01716-z	Yes
2418	Study on the effect of silica-graphite filler on the rheometric, mechanical, and abrasion loss properties of styrene-butadiene rubber vulcanizates	AM Shanmugharaj, K Thileep Kumar, G Sivagaami Sundari, E Senthil Kumar, A Ashwini, M Ramya, P Varsha, R Kalaivani, S Raghu, SH Ryu	Chemistry	Journal of Elastomers and Plastics	2019	1530-8006	https://journals.sagepub.com/home/iep	https://journals.sagepub.com/doi/abs/10.1177/0095244318787560	Yes
2419	Using Multiple Intelligences approach to enhance English language teaching experiences.	Shyamala Bharathy M., Martha Karunakar, Deepesh Chandrasekharan.	English	The IUP Journal of English Studies. Vol 18. No.3 (pp. 78-93). Scopus (Q3)	2023	0973-3728	https://iupindia.in/English_Studies.asp		No
2420	"Findings of the shared task on sentiment analysis in Tamil and Tulu code-mixed text."	Hegde, A., Chakravarthi, B.R., Shashirekha, H.L., Ponnusamy, R., Cn, S., Lavanya, S.K., Thenmozhi, D., Karunakar, M., Shreeram, S. and Aymen, S.	English	In Proceedings of the Third Workshop on Speech and Language Technologies for Dravidian Languages (pp. 64-71).	2023		https://aclanthology.org/volumes/2023.dravidianlangtech-1/	https://aclanthology.org/2023.dravidianlangtech-1.9/	Yes
2421	Reading-while-Listening at the Tertiary Level: Perceptions and Implications	Divya John & Sandhiya Devi G	English	The Journal of Asia TEFL, Vol. 20. No. 1, 147-155,	2023	2466-1511	http://journal.asiatefl.org/main/main.php?main=1&sub=3&submode=2&PageMode=JournalList&inx_journals=75	DOI: http://dx.doi.org/10.18823/asiatefl.2023.20.1.11.147 .	Yes

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2422	Reassessing Reading Strategies in the Engineering Classroom	Divya John & Sandhiya Devi G.	English	Reading Psychology, Vol. 44. No. 3, 326-340.	2023	0270-2711	https://www.tandfonline.com/toc/urpy20/44/3?nav=tocList	DOI: 10.1080/02702711.2022.2147610.	Yes
2423	Fabrication and testing of rGO-PVDF nanosensing sheets on glass fibre-reinforced polymer for structural health monitoring in aerospace engineering.	Nisha, M.S., Venthana, S.M., Rangasamy, G., D. Praveen Sam, G. Akilesh, D. Sai Bhaskar & N. Hemanth Kumar	English	Appl Nanosci.	2023	2190-5517	https://link.springer.com/article/10.1007/s13204-023-02866-7	https://doi.org/10.1007/s13204-023-02866-7	Yes
2424	'Patterns of Human-Nature Interaction in Select Tamil Short Stories,'	D. Praveen Sam and Siddharth Prabhu	English	Literary Voices, No. 18, Vol. 1, Sep 2022.	2022	2277-4521	https://www.literaryvoice.in/		Yes
2425	"Localizing the global and globalizing the local: A Study of the Indianization in Amitav Ghosh's 'The Hungry Tide'"	Martha Karunakar	English	Literary Voice	2022	2277-4521	https://www.literaryvoice.in/		Yes
2426	A Life-skills Course for Engineers to Acquire Communication Skills and Team Skills.	John, Divya.	English	In 2022 IEEE International Professional Communication Conference (ProComm)	2022	2158-1002	https://ieeexplore.ieee.org/document/9881718	DOI: 10.1109/ProComm53155.2022.00010	Yes
2427	Psychological Impact of Integrating Vocabulary Based Retention Strategies for Teaching Vocabulary in the ESL Classroom,	D. Praveen Sam & Shalini R.	English	Journal of Positive School Psychology,	2022	2717-7564	https://journalppw.com/index.php/jpsp/article/view/9249/6010	DOI: https://journalppw.com/index.php/jpsp/article/view/9249/6010	Yes
2428	"Self-actualization in Kahlil Gibran's The Prophet."	John, Divya.	English	Literary Voice,	2022	2277-4521	https://www.literaryvoice.in/		Yes

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2429	The Theme of Friendship in Kambar's Select Occasional Verses: A Critical Analysis,	T. Sheeba & Praveen Sam D.	English	International Research Journal of Tamil	2022	2582-1113	https://irjt.ioprpress.org/index.php/irjt/article/view/540	DOI: https://doi.org/10.34256/irjt22111	Yes
2430	"Designing STEM-Specific Student-Friendly Reading Content for the Engineering English Classroom,"	Divya John and G. S. Devi,	English	IEEE Transactions on Professional Communication, vol. 64, no. 4, pp. 444-455	2021	0361-1434	https://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=9626066&punumber=47	doi: 10.1109/TPC.2021.3110419.	Yes
2431	கம்பரின் வாழ்க்கையில் மகன் அம்பிகாபதியின் தாக்கம் குறித்து அவரின் தனிப்பாடல்கள் மூலம் அறியப்படும் செய்திகள்,	T. Sheeba & Praveen Sam D.	English	Journal of Modern Tamil Research,	2021	2321-984X			Yes
2432	Literary Interpretations based on the studies on Occasional Verses of the Medieval Period	Praveen Sam D & Sheeba T	English	International Research Journal of Tamil, Vol. 3, No. 3, pp. 82-88	2021	2321-984X	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	DOI: https://doi.org/10.34256/irjt21311	Yes
2433	Investigation on Postmodern tone in the verses Tamil poet o Thamarai	Praveen Sam D & Sheeba T	English	Journal of Classical Thamizh, Vol. 9, No. 2, pp. 686-692	2021	2321-0737	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList		Yes
2434	Liminal Heterotopias in Eoin Colfer's Artemis Fowl. Series	Martha Karunakar	English	Literary Voice 1 (13), 273-281	2021	2277-4521	https://www.literaryvoice.in/		Yes
2435	A Survey of the Speaking Components of an ESP Course: The Students' Mindset	Venkateswara, U., and Divya John.	English	MEXTESOL Journal, vol. 45, no. 1, pp. 1-19.	2021	2395-9908	https://www.mextesol.net/journal/index.php?page=journal&id_issue=181	https://www.mextesol.net/journal/index.php?page=journal&id_article=23392	Yes

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2436	Limitations and Advantages in Implementing MALL in the Tertiary ESL Classrooms: A Review.	Praveen Sam D & Shalini R	English	International Journal of Recent Technology and Engineering(TM), Vol. 9, No. 5, pp. 27-32.	2021	2277-3878	https://ugccare.unipune.ac.in/Apps1/User/WebA/CAREList	DOI:10.35940/ijrte.E5097.019521	Yes
2437	A Psycho-biographical Perspective of Kahlil Gibran's The Broken Wings	Divya John	English	Literary Voice, vol 1, no. 12, pp. 102-109.	2020	2277-4521	https://www.literaryvoice.in/		Yes
2438	Extensive Listening-while-reading: A case study applying the Minimalist Approach	Divya John	English	Argentinian Journal of Applied Linguistics, vol. 08, no. 02, pp. 62-77.	2020	2314-3576	https://ajal.faapi.org.ar/ojs-3.3.0-5/index.php/AJAL/issue/view/3	https://ajal.faapi.org.ar/ojs-3.3.0-5/index.php/AJAL/article/view/93	Yes
2439	"Teaching Occupational Skills to Workers of a Heritage Museum."	Martha Karunakar	English	Journal of Teaching English for Specific and Academic Purposes. Vol 7. No. 375-384.	2020	2334-9182 2334-9212	http://espeap.juni.s.ni.ac.rs/index.php/espeap/article/view/931	https://doi.org/10.22190/JTESAP1903375K	Yes
2440	"Encouraging English Language Production using Ted Talks at the Tertiary Level: A study in a Technical College".	Martha Karunakar	English	Teaching English with Technology. Vol 19, Issue 4, pp.57-68.	2019	1642-1027	https://tewtjournal.org/download/5-encouraging-english-language-production-using-ted-talks-at-the-tertiary-level-a-study-in-a-technical-college-by-martha-thindle-karunakar/	https://tewtjournal.org/volume-2019/issue-4/	Yes

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2441	Free Writing' versus 'Writing Fluency'	Divya John	English	The Journal of Asia TEFL, Vol. 16, no. 1, pp. 369-376.	2019	2466-1511	http://journal.asiatefl.org/main/main.php?main=1&sub=3&submode=2&PageMode=JournalList&inx_journals=59	DOI: http://dx.doi.org/10.18823/asiatefl.2019.16.1.26.369	Yes
2442	"Integrating Multiple intelligence in teaching English for rural students in SSN College of Engineering",	Shyamala Bharathy, M.	English	Journal of Advanced Research in Dynamical and Controlled System (JARDCS), Vol.11,No.10-Special issue, pp.341-345.	2019				Yes
2443	Learning LSRW Skills through Active Student-Involvement: Screening an Edited Film	Divya John	English	Teaching English with Technology, vol. 18, no. 2, pp. 115-128.	2018	1642-1027	https://tewtjournal.org/volume-2018/issue-2/	https://tewtjournal.org/download/7-learning-lsrw-skills-through-active-student-involvement-screening-an-edited-film-by-divya-john/	Yes
2444	Using Humor as a Supplementary Tool in the ESL Classroom.	Praveen Sam D.	English	Journal of English Studies, Vol. XII, No. 4, (IF:0.10)	2018	0973-3728	https://www.iupindia.in/1712/English%20Studies/Using_Humor.html	https://www.proquest.com/openview/f7900bac7b77fd9dcd83a7f67dd6e6a5/1?pq-origsite=gscholar&cbl=2030005	Yes