

Sri Sivasubramaniya Nadar College of Engineering, Chennai

(An autonomous Institution affiliated to Anna University)

Department of Computer Science and Engineering

International Journal Publications (July 2021 – June 2022)

Web of Science	Scopus	Others	Total
18	9	1	28

1. Bhuvana. J, Mirnalinee. T. T, “An approach to Plant Disease Detection using Deep Learning Techniques”, ITECKNE ISSN: 1692-1798 (Print) ISSN: 2339-3483 (Web-Online) Vol 18 No 2 (2021). <https://doi.org/10.15332/iteckne.v18i2.2615> (**Thomson Reuters IF:0.465**)
2. Jansi Rani Sella Veluswami, M. Ezhil Prasanth, K. Harini, and U. Ajaykumar, “Melanoma Skin Cancer Recognition and Classification Using Deep Hybrid Learning“, Journal of Medical Imaging and Health Informatics, Volume 11, Number 12, December 2021, pp. 3110-3116(7) , ISSN: 2156-7018 <https://doi.org/10.1166/jmih.2021.3898> (**Scopus**).
3. S. V. Jansi Rani¹, P. Senthil Kumar, R. Priyadharsini, S. Jahnvi Srividya, S. Harshana “Automated weed detection system in smart farming for developing sustainable agriculture”, International Journal of Environmental Science and Technology, August 2021, (**Thomson Reuters IF:2.86**) DOI: 10.1007/s13762-021-03606-6-8/23/2021[Q1]
4. S.V.Jansi Rani, Human Wildlife Conflict Reduction Technology using YOLO Machine Learning Model, Indian Journal of Natural Sciences, ISSN: 0976 – 0997, Vol.12, Issue 69, 36327-36333, 2021, December 2021. (**Thomson Reuters IF: 1.733**)
5. D.Venkata Vara Prasad, P.Senthil Kumar, Lokeswari Y.Venkataramana, G.Prasannamedha, S.Harshana, S.Jahnvi Srividya, K.Harrinei, Sravya Indraganti. (July 2021). “Automating water quality analysis using ML and auto ML techniques”. *Environmental Research*, 5.026, Vol. 202, 111720, ISSN: 0013-9351, (**Thomson Reuters IF: 5.026**) DOI: <https://doi.org/10.1016/j.envres.2021.111720>[Q1]
6. Sathya Madhusudhanan, **Suresh Jaganathan**, (2021), “Polarity Classification of social media feeds using incremental learning – A Deep Learning Approach”, IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences, Vol: E105-A(3), pp:584-593, doi:10.1587/transfun.2021EAP1046, September 2021. (**Thomson Reuters IF:0.423**) (Q3)
7. Shunmuganathan Saraswathi. A Reliable Lightweight Two Factor Mutual Authenticated Session Key Agreement Protocol for Multi-Server Environment. *Wireless Personal Communications*. 2021 Dec;121(4):2789-822. ISSN / eISSN: 0929-6212 / 1572-834X, (**Thomson Reuters IF:1.563**) (Q2)
8. Venkata Vara Prasad D, Lokeswari Y Venkataramana, Saraswathi S, Sarah Mathew, Snigdha V, (December 2021), "**Bayesian approach to incremental batch learning on forest cover sensor data for multiclass classification**", *Concurrent Engineering*

- Research & Applications, Vol. 29(4), pp. 405-414, (**Thomson Reuters IF: 1.038**) <https://doi.org/10.1177/1063293X211058450> [Q2]
9. Jaisakthi Seetharani Murugaiyan, Mirunalini Palaniappan, Thenmozhi Durairaj, Vigneshkumar Muthukumar, “Fish species recognition using transfer learning techniques”, *International Journal of Advances in Intelligent Informatics*,7(2), 188-197, July 2021. (**Scopus**) (Q3)
 10. M. Ambika, Mangayarkarasi N., Raghuraman G, L. Sai Ramesh, and Kamalanathan Selvakumar, “Secure and Dynamic Multi-Keyword Ranked Search, *International Journal of Operations Research and Information Systems*”, September 2021, Volume 12, Issue 3 DOI: 10.4018/IJORIS.20210701.oa3. (**Scopus**)
 11. R. Priyadharsini, T. Sree Sharmila, “Underwater Acoustic Image Denoising Using Stationary Wavelet Transform And Various Shrinkage Functions”, *Electronic Letters on Computer Vision and Image Analysis*, Vol 20 (2) Page Number: 38-50, December 2021, (**Scopus: 0.15**) <https://doi.org/10.5565/rev/elcvia.1360-12/2/2021>. [Q4]
 12. Sheerin Sitara Noor Mohamed and Kavitha Srinivasan, "*A Hybrid Image Enhancement Algorithm for Effective Concrete Surface Crack Classification*", *Journal of University of Shanghai for Science and Technology*, ISSN: 1007-6735, Volume 23, Issue 9, September - 2021, pp. 1282-1297, cite score: 0.2, SJR: 0.108, (**Scopus**), (Q4)
 13. R. Vidhya, T. T. Mirnalinee, “Hybrid Optimized Learning for Lung Cancer classification”. *Intelligent Automation & Soft Computing*, DOI: 10.32604/iasc.2022.025060, vol 34, no. 2, Jan 2022, pp 911-925, (**Thomson Reuters IF:3.401**) (Q3)
 14. Angel Deborah S, S. Milton Rajendram, T. T. Mirnalinee, Rajalakshmi S, “Contextual emotion detection on text using gaussian process and tree-based classifiers” *Intelligent Data Analysis*, IOS Press: 26(1), 119-132, January 2022. (**Thomson Reuters IF:1.321**) (Q3)
 15. Kayalvizhi Sampath, Thenmozhi Durairaj, “PReLcAP : Precedence Retrieval from Legal Documents Using Catch Phrases”, *Springer- Neural Processing Letters*, Mar 2022 – online, (**Thomson Reuters IF: 2.908**), <https://doi.org/10.1007/s11063-022-10791-z>. [Q2]
 16. Jansi Rani Sella Veluswami, “Improving Throughput of Transmission Control Protocol Using Cross Layer Approach”, *Computer Systems Science and Engineering*, vol. 43, no.3, pp. 1231–1239, May 2022. (**Thomson Reuters IF: 1.486**) (Q3)
 17. Jansi Rani S V, A. M. Ramakrishnan, and K. Rishivardhan. "Improving Water Quality Assessment through Anomaly Detection Using Hybrid Convolutional Neural Network Approach.", *Global NEST Journal*, ISSN: 1790-7632, Vol 24(1), December 2021, pp 1-8, (**Thomson Reuters IF:1.475**) (Q3)
 18. Venkata Vara Prasad, Lokeswari Y.Venkataramana, P. SenthilKumar, G.Prasannamedha, S.Harshana, S. Jahnvi Srividya, K.Harrinei, Sravya Indraganti. (2022). **Analysis and prediction of water quality using deep learning and auto deep learning techniques**. *Science of The Total Environment*, Vol. 821, 153311, DoI: <https://doi.org/10.1016/j.scitotenv.2022.153311> (**Thomson Reuters IF:7.963**)[Q1]
 19. Suvidha Rupesh Kumar, Bharathi, B. Generative and Discriminative Modelling of Linear Energy Sub-bands for Spoof Detection in Speaker Verification Systems. *Circuits Syst Signal Process* Vol. 41, pp. 3811–3831 (2022). <https://doi.org/10.1007/s00034-022-01957-0> Available Online: 20-01-2022, ISSN: 0278-081X (Print) 1531-5878 (Online), (**Thomson Reuters IF: 2.225**) (Q1)
 20. Sathya Madhusudhanan, **Suresh Jaganathan**, (2022), “Data Augmented Incremental Learning (DAIL) for Unsupervised Data”, *IEICE Transactions on Information and*

- Systems, pp:1185-1195, VOL.E105–D, NO.6 JUNE 2022, doi: 10.1587/transinf.2021EDP7213. (**Thomson Reuters IF:0.695**) (**Q3**)
21. Arunima Sundar, Akshay Ramakrishnan, Avantika Balaji, Thenmozhi Durairaj, “Hope Speech Detection for Dravidian Languages Using Cross-Lingual Embeddings with Stacked Encoder Architecture”, Springer - SN Computer Science 3 (1), 1-15, Jan 2022. (**Scopus**)
 22. Radha, N., Shahina, A., Khan, A. N., & Jansi Rani S.V (2022). A new multi-stream approach using acoustic and visual features for robust speech recognition system, Materials Today: Proceedings, Vol.62(7), pp. 4916-4924. (**Thomson Reuters IF:1.46**) (**Q3**)
 23. V. Balasubramanian, Sriram M, A Susmithaa Raam, B Vignesh “End-to-End Machine Learning Pipeline for real-time network traffic classification and monitoring in Android Automotive”, International Journal of Innovative Technology and Exploring Engineering, June 2022. (**Scopus**)
 24. Lokesh. S, Mano Balaje. S, Prathish. E and B. Bharathi, Resume screening and recommendation system using machine learning approaches, Computer science and engineering: An international journal, Vol.12, No.1, Feb. 2022, ISSN:2231-329X(Online), 2231-3583(Print), DOI: 10.5121/cseij.2022.12101(**Scopus**)
 25. S Renuka Devi , L Shyamala, S Saraswathi, “Adaptive Learning Based Whale Optimization and Convolutional Neural Network Algorithm for Distributed Denial of Service Attack Detection in Software Defined Network Environment”, International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Volume: 10 Issue: 6 PP: 80-93 DOI: <https://doi.org/10.17762/ijritcc.v10i6.5557>. (**Scopus**).
 26. Swetha Sri T S, Sharon Julia S, Lekshmi Kalinathan and Yamuna M, “Personalized Recommender System Using Sentiment and Emotion Analysis from Tweets”, International Journal of Advanced Research in Innovative Discoveries in Engineering and Applications, Volume 7, Issue 2 and pp. 10-20, April, 2022.
 27. Venkata Vara Prasad D , Srinivas Gumparathi, Lokeswari Y Venkataramana , S, “Prediction of Stock Prices Using Statistical and Machine Learning”, The Computer Journal, Volume 65, Issue 5, May 2022, Pages 1338–1351. (**Thomson Reuters IF:1.762**) [**Q2**]
 28. Jansi Rani, S.V., Chandran, K.R.S., Ranganathan A. et al, “Smart wearable model for predicting heart disease using machine learning, Journal of Ambient Intelligence and Humanized Computing, March 2022, (**Thomson Reuters IF: 7.104**), doi:<https://doi.org/10.1007/s12652-022-03823-y> (**Q1**)

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