SSN COLLEGE OF ENGINEERING

DEPARTMENT OF ECE

LIST OF FACULTY PUBLICATIONS

ACADEMIC YEAR: 2019 - 2020

International Journals (Academic year June – 2019 – May 2020)

1. Kiruthika Ramany, Radha Shankararajan, Kirubaveni Savarimuthu, Priyadharshini Elumalai, Govindaraj Rajamanickam , Santhosh Narendhiran and Ramasamy Perumalsamy "Experimental Study of Different Vanadium Dopant Concentrations in ZnO Nanorods for a Low Frequency Piezoelectric Accelerometer" Journal of Electronic Materials, 48, 2019, 5310-5322. (IF : 1.579) https://doi.org/10.1007/s11664-019-07341-0
2. S. Deepa Nivethika, B. S. Sreeja, S. Radha, M. Senthilpandian, "Polymer Resin Coating Over Dielectric Elastomer for Effective Stretchable RF Devices", Journal Of Optoelectronics And Advanced Materials Vol. 22, No. 3-4, P. 176 – 181, March – April 2020. https://joam.inoe.ro/articles/polymer-resin-coating-over-dielectric-elastomer-for-effective-stretchable-rf-devices/
3. Indhu, R, Radha, S.; Manikandan, E.; Sreeja, B. S.; Bathe, R. N, "Development and Characterization Of Laser Ablated Polymeric Microchannels", Lasers In Engineering, Vol. 47 Issue 1-3, P125-132,2020. https://www.oldcitypublishing.com/journals/lie-home/lie-issue-contents/lie-volume-47-number-1-3-2020/lie-47-1-3-p-125-132/
4. Jayaraman Saranya ,Balakrishnapillai Suseela Sreeja, Gurunathan Padmalaya, Sankararajan Radha Ponnusamy SenthilKumar, "CdO nanoparticles, c-MWCNT nanoparticles and CdO nanoparticles/c-MWCNT nanocomposite fibres: in vitro assessment of anti-proliferative and apoptotic studies in HeLa cancer cell line", IET Nanobiotechnology, Volume 14, Issue 8, pp 695 – 700, October 2020. 10.1049/iet-nbt.2020.0020
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8. Kanchana D, Radha Sankararajan and, Sreeja B.S, "Polarization independent band stop frequencyselective surface for X-band application", Circuit World 46/1, pp 25–31, 2020. https://doi.org/10.1108/CW-01-2019-0003
9. J. Abanah Shirley,S. Esther Florence, B. S. Sreeja, G. Padmalaya, S. Radha, "Zinc oxide nanostructure-based textile pressure sensor for wearable Applications", Journal of Materials Science: Materials in Electronics, 31, pages16519–16530,2020. https://doi.org/10.1007/s10854-020-04206-9
10. Saranya J, Sreeja BS, Padmalaya G, Radha S, Manikandan T 2019, "Ultrasonic assisted Cerium Oxide/GO hybrid: Preparation, anti-proliferative, apoptotic induction and G2/M cell cycle arrest in HeLa cell lines", Journal of Inorganic and Organometallic Polymers and Materials, Springer Publications, ,pp. 2666-2676, 2020. 10.1007/s10904-019-01403-w
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26. N.Padmapriya (Faculty/Maths), N.Venkateswaran (Faculty/ECE) , K.Vijayalakshmi(UG student 2017 passed out/ECE) , G.K.Mallieswaran & R.Padmanabhan(VIT), "Characterization of friction stir welds by logistic regression using fractal and wavelet features", Advances in Materials and Processing Technologies, pp 1-17, 2019,DOI:10.1080/2374068X.2019.1641002 Scopus indexed., Unpaid Abroad. https://doi.org/10.1080/2374068X.2019.1641002

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