

SSN College Of Engineering, Kalavakkam

Department of Biomedical Engineering

Journal Publication Details

2020 – 2021

1. Monica R and **Nirmala K**, “Assessment of Fetal growth from Ultrasound Images using Images Processing Techniques”, International journal of Advanced Research in Basic Engineering Sciences and Technology, Vol. 6, No. 8, 58-62, Aug 2020.
2. **Nithya Rajagopalan**, Venkateswaran Narasimhan, Swetha Kunnavakkam Vinjimoor, Janani Aiyer, “Deep CNN framework for retinal disease diagnosis using optical coherence tomography images”, Journal of Ambient Intelligence and Humanized Computing, Aug 2020 (IF:4.594, Sco, TR) (online published)
3. G Praveen, S Om Prakash, Sangeetha B, Asha R, **Suganthi L, Divya, B**, “Wireless Real-Time Electrogastrography Monitoring System”, Journal of Computational and Theoretical Nanoscience, Vol. 17, No.8, 3724-3732(9), Aug 2020. (Sco)
4. Rajagopal Anitha, **Rajakannu Subashini**, Gomathi Kannayiram and Dasararaju Gayathri, “Chronic Inflammatory-Modulating Potential of Cassia auriculata With Proinflammatory Cytokine IL-1beta and Its Anticancer Effect on Lung Cancer Cell line”, Anti-Cancer Agents in Medicinal Chemistry, Vol. 20, Sep 2020. (IF:2.286, Sco, TR) (online published)
5. Bulusu, S, **S. Pravin Kumar**, Jan G. Švec, and Philipp Aichinger, “Fitting synthetic to clinical kymographic images for deriving kinematic vocal fold parameters: Application to left-right vibratory phase differences”, Biomedical Signal Processing and Control, Oct 2020. (IF:3.17, Sco, TR) (online published)
6. **Bagyaraj S**, Apurva S, Asha R, Sangeetha B and D Vaithyanathan, “Brain wave classification for divergent hand movements”, Indian Journal of Pure & Applied Physics, Vol. 58, No. 10, 765-773, Oct 2020. (IF:0.653, Sco, TR)
7. B.Vivekanathan, **R. Nithya, B. Divya**, “Analysis of Motor Action and Motor Imagery Signals for BCI Applications”, International Journal of Innovative Research in Applied Sciences and Engineering (IJIRASE), Vol. 4, No.2, 612-616, Oct 2020.
8. S. Varsha, B. Harsha, **S. Pravin Kumar, A. Kavitha**, Shriram Mahadevan, “Portable refrigeration system for insulin storage”, Indian Journal of Endocrinology and Metabolism, Vol.24. No.5, 473, Nov 2020. (Sco)
9. Mahalakshmi Nachiappan, **Vijay Jeyakumar**, TP Anand, “Design of compact Implantable Meandered and Sharp Edged Meandered Shaped Antenna for Biomedical Application”, European Journal of Molecular & Clinical Medicine, Vol. 7, No. 11, 87-93, Dec 2020, (Sco).

10. **Bagyaraj S, Arun Karthick S**, Gomathi S, Sandini S, Sowmiya R, Devi B, Vaithyanathan D, “Preparation and Characterization of Silver Nanoparticle/Aloe Vera Incorporated PCL/PEO matrix for wound dressing application”, Indian Journal of Biochemistry and Biophysics, Vol. 58, No. 1, 35-44, Feb 2021, (IF:0.537, Sco, TR)
11. Devi Baskar, Gobi Nallathambi, **Arun Karthick Selvam**, P. Senthil Kumar, “Preparation of PAN/lycopene-TiO₂ nanocomposite membrane for azo dye degradation”, Desalination and Water Treatment, Vol.216, 436–444, March 2021. (IF:1.234, Sco, TR)
12. P. Meenachi, **R. Subashini**, A.K. Lakshminarayanan, Manoj Gupta, “In vitro degradation, haemolysis and cytotoxicity study of Mg-0.4 Ce/ZnO₂ nanocomposites”, IET Nanobiotechnology, Vol.15, No. 2, 157-163, April 2021. (IF:1.859, Sco, TR)
13. **R. Subashini**, R. Anitha, N. Kiruthika, G. Kowsalya, J. Sivadharshini, “Isolation and Purification of Antimicrobial Protein from Cocos nucifera and its Efficacy on Human Pathogens”, Indian Journal of Natural Sciences, Vol.12, No. 65, 30522-30528, April 2021.
14. Chetana Krishnan, Sandhyavarshini. R, **Vijay Jeyakumar**, “Non – Clinical Pain Assessment System – A Pilot Study”, Journal of Physics: Conference Series, Vol.1917, 012008, April 2021. (Sco)
15. Viswanath Srinivasan, Praveenkumar Govarthan, and **Dhanalakshmi Munirathnam**, “An External Aid for Amyotrophic Lateral Sclerosis (ALS) and Drooping Head Syndrome (DHS) Patients”, Journal of Physics: Conference Series, Vol. 1921, 012004, June 2021.