

# SSN College Of Engineering, Kalavakkam

## Department of Biomedical Engineering

### Journal Publication Details

Jan - Dec 2019

1. **S. Pravin Kumar**, J. G. Švec, “Kinematic model for simulating mucosal wave phenomena on vocal folds”, Biomedical Signal Processing and Control, Biomedical Signal Processing and Control. (IF:3, Sco, TR)
2. **Geethanjali B**, Adalarasu K, Jagannath M, Seshadri N G, “Music-Induced Brain Functional Connectivity Using EEG Sensors: A Study on Indian Music”, IEEE Sensors Journal, Vol. 19(4), 1499-1507, Feb 2019. (IF:2.61, Sco, TR)
3. Sandhya Chengaiyan, **Divya Balathayil**, **Kavitha Anandan**, Christy Bobby Thomas, “Effect of Power and Phase Synchronization in Multi-Trial Speech Imagery”, International Journal of Software Science and Computational Intelligence, Vol. 10, Issue. 4, 44-61, Feb 2019.
4. Vinoth Kumar C, Natarajan V, **Nirmala, K**, Balasubramanian, T, Ramnarayanan Rao K, Krishnan S, “Encrypted separable reversible watermarking with authentication and error correction”, Multimedia Tools and Applications, Vol. 78, Issue. 6, 7005-7027, March 2019. (IF:2.1, Sco, TR)
5. Shankar Thariga, **Rajakannu Subashini**, Saravanan Pavithra, Prabakaran Meenachi, Prasanna Kumar, Pannerselvam Balashanmugam, Ponnusamy Senthil Kumar, “In vitro evaluation of biodegradable nHAP Chitosan-Gelatin-based scaffold for tissue engineering application”, IET Nanobiotechnology, Vol. 3, Issue. 3, 301-306, May 2019. (IF:1.92, Sco, TR)
6. N. Mahalakshmi, A. Gobinath, **J. Vijay**, “Design And Analysis Of X-Ma Implantable Antenna For Bio-Medical Applications”, International Journal Of Information And Computing Science, Vol. 6, Issue. 5, 366-372, May 2019. (Sco)
7. Sumathi Krishnaswamy, **Mahesh Veezhinathan**, “An approach for detection of edges in carotid ultrasound images and analysis of intima-media complex using morphological features”, Int. J. Biomedical Engineering and Technology, Vol. 29, Issue. 4, 345-365, June 2019. (Sco)
8. Chengaiyan Sandhya & **Anandan Kavitha**, “Analysis of speech imagery using brain connectivity estimators on consonant-vowel-consonant words”, International Journal of Biomedical Engineering and Technology, Vol 30, Issue 4, 329-343, July 2019 (Sco)

9. **Suganthi L, Nirmala K**, Shaalu Sree B.N, Pavithra S, & Yashvantha N, “Detection of Breast Cancer from Thermography Images”, International Journal of Engineering and Advanced Technology, Vol 8, Issue 6, 677-682, Aug 2019. (Sco)
10. Gobi Nallathambi, Devi Baskar, & **Arun Karthick Selvam**, “Preparation and characterization of triple layer membrane for water filtration”, Environmental Science and Pollution Research, Aug 2019. (IF:2.914, Sco, TR) (online published)
11. Barani B, Lakshminarayanan AK & **Subashini R**, “Microstructural characteristics of chitosan deposited AZ91 Magnesium alloy”, MaterialsToday:Proceedings, Vol 16, Issue 8, 456-462, Aug 2019. (Sco)
12. Kulsum Neha, Rajagopal Anitha, **Rajakannu Subashini**, Amirthakadeswaran Natarajan, T. M. Sridhar, “Synthesis and characterization of chitosan/potato peel powder-based hydrogel and its in vitro antimicrobial activity”, Journal of Applied Pharmaceutical Science, Vol 9, Issue 9, 66-71, Sep 2019. (Sco).
13. Sandhya Chengaiyan, Anandha Sree Retnapandian, & **Kavitha Anandan**, “Identification of vowels in consonant–vowel–consonant words from speech imagery based EEG signals”, Cognitive Neurodynamics, Oct 2019. (IF:3.021, Sco, TR) (online published)
14. Vidhusa Srinivasan, Udayakumar N, Kavitha Anandan. “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”, Current Medical Imaging, Nov 2019. (IF:0.533, Sco, TR) (online published)
15. **Nirmala Krishnamoorthi** & Vinoth Kumar Chinnababu, “Hybrid feature vector based detection of Glaucoma”, Multimedia Tools and Applications, Vol 78, issue 24, 34247–34276, Dec 2019. (IF:2.101, Sco, TR).
16. **Arun Karthick Selvam**, Devi Baskar & Gobi Nallathambi, “Layer by layer nanocomposite filter for ABC filtration”, Chemical Engineering Communication, Dec 2019. (IF:1.431, Sco, TR) (online published)
17. Rathi Adarshi, Kiran Kailash, Sathya Bharathy, **Kavitha A**, Christy Bobby T, Sudhir G, "Design of biocompatible implant for the closure of post discectomy void and rent", Additive Manufacturing Society of India Journal, Vol. 1, No. 3, 89-94, Dec 2019.