

SSN College Of Engineering, Kalavakkam

Department of Biomedical Engineering

Journal Publication Details

2019 – 2020

1. 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)
2. **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)
3. 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)
4. Barani B, Lakshminarayanan AK & **Subashini R**, “Microstructural characteristics of chitosan deposited AZ91 Magnesium alloy”, Materials Today: Proceedings, Vol 16, Issue 8, 456-462, Aug 2019. (Sco)
5. Kulsum Neha, Rajagopal Anitha, **Rajakannu Subashini**, Amirthakadeswaran Natarajan, T. M. Sridhar, “Synthesis and characterization of chitosan/potato peel powder-based hydrogel and it’s in vitro antimicrobial activity”, Journal of Applied Pharmaceutical Science, Vol 9, Issue 9, 66-71, Sep 2019. (Sco).
6. 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)
7. Vidhusha 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)
8. **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)
9. **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)

10. 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.
11. Dinesh Bhatia, **S. Bagyaraj, S. Arun Karthick**, "Role of 24 Hr Blood Pressure Variability as a Target Therapeutic Risk Factor for Poor Functional Outcome of Acute Ischemic Stroke", Annals of Indian Academy of Neurology, Vol. 23, No. 1, 9, Jan 2020. (IF:0.898, Sco, TR)
12. Vijay Mani Shankar, **B Geethanjali, Mahesh Veezhinathan**, Jayaram Hariharakrishnan, Nikhil Balakrishnan, L Lakshmi, "Evaluating the effect of music intervention on hypertension", Current Science, Vol. 118, No. 4, 612-620, Feb 2020. (IF:0.756, Sco, TR)
13. Anitha R, **Subashini R**, & Kumar P S, "In silico and in vitro approaches to evaluate the bioactivity of Cassia auriculata L extracts", IET Nanobiotechnology, Vol. 14, No. 3, 210-216, May 2020. (IF:2.058, Sco, TR)
14. Pillalamarri Srikrishnarka, Vishal Kumar, Tripti Ahuja, Vidhya Subramanian, **Arun Karthick Selvam**, Paulami Bose, Shantha Kumar Jenifer, Ananthu Mahendranath, Mohd Azhardin Ganayee, Ramamurthy Nagarajan and Thalappil Pradeep, "Enhanced Capture of Particulate Matter by Molecularly Charged Electrospun Nanofibers", ACS Sustainable Chemistry & Engineering, Vol. 8, No. 21, 7762-7773, June 2020. (IF:7.632, Sco, TR)