

SSN College Of Engineering, Kalavakkam

Department of Biomedical Engineering

Journal Publication Details

Jan - Dec 2018

1. **B Geethanjali**, Kanagasabai Adalarasu, Mohan Jagannath, “Music Induced Emotion and Music Processing in the Brain– A Review”, Journal of Clinical and Diagnostic Research, 12(1), VE01-VE03, Jan 2018. (Sco)
2. **Geethanjali Balasubramanian**, Adalarasu Kanagasabai, Jagannath Mohan,N.P. Guhan Seshadria, “Music induced emotion using wavelet packet decomposition—An EEG study”, Biomedical Signal Processing and Control, 42, 115–128, Feb 2018. (IF:2.2, Sco, TR)
3. Mallampalli Kapardi, **Kavitha Anandan**, “Functional Connectivity Assessment for Episodic Memory by Decoding Theta Wave”, International Journal of Cognitive Informatics and Natural Intelligence, 12, 17-31, April 2018. (Sco)
4. Vishnu Priya K, **Kavitha A**, “Investigations on the Brain Connectivity Parameters for Co-morbidities of Autism Using EEG”, International Journal of Software Science and Computational Intelligence, 10, 50-64, April 2018. (Sco)
5. Vanitha Priya D, **Arun Karthick S**, Sudharsan K, Arumugam P, Pandima Devi MK, Anuradha V, “Integrated Adsorption–Coagulation and Naofiltration of Textile Effluent Using Three-stage Filtration Unit”, Global Scientific Journal, 6(5), 141-154, May 2018
6. Harshini S, Hasini M S, Shenbagavalli A, **Nirmala K**, “Identification of Proximal Caries from Panoramic Dental X-Rays Images”, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, 7(6), 2988-2944, June 2018.
7. T. R. Thamizhvani, **Suganthi Lakshmanan & R. Sivaramakrishnan**, “Mobile application-based computer-aided diagnosis of skin tumours from dermal images”, The Imaging Science Journal, Online Published, July 2018. (IF:0.3, Sco, TR)
8. Vanitha Priya D, Sudersan K, **Arun Karthick S**, Arumugam P, Pandima Devi MK, Anuradha V, N. Gobi, “Adsorption Mechanism Of Chitosan, Activated Carbon, And Magnetic Chitosan Activated Carbon Composites On To The Dyes With Different Polarities: Adsorbent Optimization Study”, International Journal of Current Advanced Research, Vol 7, Issue 7(G), 14306-14312, July 2018.
9. Madhumithra S. K., Balashanmugam P., Mosachristas K., Tamil Selvi A., **Subashini R**, “In vitro cytotoxicity of biosynthesized gold nanoparticles from shells of pistacia vera L”, International Journal of Applied Pharmaceutics, Vol 10, Issue 4, 162-167, (July-Aug), 2018. (Sco)

10. Manasvi, Sai Aarathi Ganesh, Sridhar Anjali, Kunnavakkam Vinjimoor Swetha, **Krishnamoorthi Nirmala**, “Detection of Malarial Parasite from Blood Smear Image”, Biomedical Letters, Vol. 4, Issue 1, 24-33, Aug 2018.
11. Vanitha Priya D, Sudersan K, **Arun Karthick S**, Arumugam P, Gobi N, Siva Shankar. P and Anuradha V, “Extraction Of Chitosan From Crab Shells Using Five Different Chemical Methods And Its Characterization”, International Journal of Recent Scientific Research, Vol. 9, Issue, 8(D), pp. 28512-28517, August, 2018.
12. Meenachi P, **Subashini R** and Suresh Kumar, “Stress Analysis of Bioceramic Coated Orthopaedic Implants”, Materials Today: Proceedings, Vol. 5, Issue 8, 16610-16616, August 2018. (Sco)
13. **Pravin Kumar S**, Jan Svec G, “A Simple Method to Obtain Basic Acoustic Measures From Video Recordings as Subtitles”, Journal of Speech, Language, and Hearing Research, Vol. 61, 2196-2204, September 2018. (IF:2.6, Sco, TR)
14. Devi B, **Arun Karthick Selvam**, Monnisha G, Gobi N, “Mechanism of Nanofibres on Removal of Water Pollutants - a review”, Indian Journal of Chemical Technology (IJCT), Vol. 25, 451-458, September 2018. (IF:0.36, Sco, TR)
15. **Pravin Kumar S**, Ketaki Vasant Phadke, Jitka Vydrová, Adam Novozámský, Aleš Zita, Barbara Zitová, and Jan G. Švec, “Visual and Automatic Evaluation of Vocal Fold Mucosal Waves Through Sharpness of Lateral Peaks in High-Speed Videokymographic Images”, Journal of Voice, Oct 2018. (IF:1.7, Sco, TR)
16. Eswaran Vishal Sudha Bhagavath, **Mahesh Veezhinathan, Geethanjali Balasubramanian**, Atul Taneja, “Virtual Reality Therapy for Mental Stress Reduction”, Journal of Clinical & Diagnostic Research, Vol. 12, Issue. 10, JC11-JC16, October 2018. (Sco)
17. Felix Swamidoss V, Mohan Bangaru, Gobi Nalathambi, Dharmalingam Sangeetha & **Arun Karthick Selvam**, “Silver incorporated Poly Vinylidene Fluoride (PVDF) Nanofibres for Bacterial Filtration”, Aerosol Science and Technology, December 2018. (IF:2, Sco, TR)
18. Mahalakshmi Nachiappan, Thenmozhi Alagarsamy, Vijay Jeyakumar, “Design of Mirror-E Shape Implantable Antenna for Biomedical Applications” Journal of Applied Mathematics & Information Sciences, December 2018. (IF:1.2, Sco, TR)