SSN College Of Engineering, Kalavakkam

Department of Biomedical Engineering

Journal Publication Details

Jan 2017- Dec 2017

1. Subramanian. M, Geethanjali. B, Seshadri. N G, Venkat. B and Vijayalakshmi. R, "Visualization of Brain Activation during Attention-Demanding Tasks Using Cognitive Signal Processing", International Journal of Cognitive Informatics and Natural Intelligence, Vol 11, Issue 1, January 2017,pp. 60-81. (TR, Sco, IF:)

2. Geethanjali. B, Adalarasu. K, Hemapraba. A, Kumar.S P and Rajasekaran. R, "Emotion analysis using SAM (Self-Assessment Manikin) scale", Biomedical Research, Special Issue A Complex world Of Neuroscience, 2017, pp.S18-S24. (TR, Sco, IF:0.219)

3. Sandhya. C and Kavitha. A, "Analysis of Speech Imagery using Brain Connectivity Estimators on Consonant-Vowel-Consonant (CVC) words", International Journal of Biomedical Engineering and Technology, 2017 (Under Print). (TR, Sco, IF: 0.60)

4. Krishnaveni S, Subashini R, Rajini. V, "Inactivation of bacteria suspended in water by using high frequency unipolar pulse voltage", J Food Process Eng., e12574. DOI: 10.1111/jfpe.12574, 2017, pp.1-9. (TR, Sco, IF: 1.37)

5. Dhanalakshmi. M, Mariya Celin. T.A, Nagarajan. T, Vijayalakshmi. P, "Speech-Input Speech-Output Communication for Dysarthric Speakers Using HMM-Based Speech Recognition and Adaptive Synthesis System", Circuits, Systems and Signal Processing, doi: 10.1007/s00034-017-0567-9, May 2017. (TR, Sco, IF: 1.69)

6. Meera Alex, Rosemary James, Liea Jose, Jaison Joseph, Sarika M. Nair and **Divya. B**, "Autonomous Obstacle detection and tracking system", International Journal for research in Applied science and Engineering technology, Vol 5,Issue VI, pp. 1709-1712, June2017. (TR)

7. Velmurugan. D, Santha. AM and **Sarate. S G,** "Dental implant materials, implant design, and role of FEA- A brief review," Journal of Evolution Medical Dental science, vol 6, Issue 44, pp. 3487-3492, June 2017. (TR, IF: 0.33)

8. Anitha. R, and **Subashini. R.,**"Evaluation of Antibacterial Potency and Phytochemical Screening of Seed Extracts of Butea monosperma (LAM.)", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 8, Issue 3S, pp.164-172, May-June 2017. (TR, IF: 0.35)

9. Sumathy K., **Mahesh Veezhinathan** and Jesu Christopher, "Analysis of Carotid Ultrasound Images for the assessment of stroke risk using level set method", Current Medical Imaging Reviews, 13(3), 237-244, Nov 2017. (TR, Sco, IF: 0.308)

10. Bhaskaran Bhuvaneshwari, Anandan Kavitha, "Assessment of Graph Metrics and Lateralization of Brain Connectivity in Progression of Alzheimer's Disease Using fMRI", International Journal of Software Science and Computational Intelligence Volume 9 • Issue 4 • October-December 2017