

LIST OF PUBLICATIONS

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Thanjavur, Tamil Nadu.

1. Dynamic cognitive workload assessment for fighter pilots in simulated fighter aircraft environment using EEG SJ Mohanavelu K, Poonguzhali S, Adalarasu K, Ravi D, Vijayakumar Chinnadurai ... Biomedical Signal Processing and Control 61, 2020.
2. Assessment of Techniques for Teaching School Children with Autism K Adalarasu, M Jagannath, O James IRBM 41 (2), 88-93 ,2020.
3. Identifying Pre-ictal Period of Seizure and Better Brain Lobes for Seizure Detection using EEG Biomarkers K Adalarasu, P Shrisowmya, M Jagannath Journal of Physics: Conference Series 1451 (1), 012010 2020
4. Power Spectral Density for Detecting White Space in Wavelet Based Spectrum KA V.E. Jayanthi, P. Mohan Kumar, S. Sriram, M. Jagannath, D. Harshavarthanan International Journal of Advanced Science and Technology 29 (9) 2020.
5. Examination of Cognitive Workload using Different Modalities P Shrisowmya, K Adalarasu, M Jagannath Research Journal of Pharmacy and Technology 12 (10), 4647-4650 ,2019.
6. Recent Trends in Impedance Cardiography-A Review VG Rajendran, S Jayalalitha, K Adalarasu Research Journal of Pharmacy and Technology 12 (2), 907-912 2019.
7. Analysis of Cycling-Related Musculoskeletal Disorders among School Girls R Jagannath, M., Adalarasu, K., Nathiya, N. and Ramesh Biomedicine 38 (3), 371-377 2018.
8. Music induced emotion using wavelet packet decomposition—An EEG study NPGS Geethanjali Balasubramanian, AdalarasuKanagasabai, JagannathMohan Biomedical Signal Processing and Control 42, 115-128 2018
9. Biosignal processing approaches for detecting mental fatigue K Mohanavelu, S Poonguzhali, R Banuvathy, K Adalarasu, M Jagannath Indian Journal of Public Health Research & Development 9 (10), 236-241 2018

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11. Three-Dimensional Finite Element Analysis of Surface Mesh Model of Human Tibia Bone MJ K. Pradeep, V. E. Jayanthi, K. Hemalatha, K. Adalarasu Research Journal of Pharmacy and Technology 11 (7), 2752-2756 2018
12. A Comprehensive Survey on IoT Technologies in Health Care System AK Bavva N, Arunkumar T Research Journal of Pharmacy and Technology 11 (7), 3157-3162 1 2018
13. B Geethanjali, **K Adalarasu**, A Hemapraba , S Pravin Kumar, R Rajasekeran, "Emotion analysis using SAM (Self-Assessment Manikin) scale", Biomedical Research 2017; Special Issue: Complex World of Neuroscience .
14. RajeswariJayaraj, Jagannath Mohan and **Adalarasu Kanagasabai**, "A Review on Detection and Treatment Methods of Sleep Apnea", Journal of Clinical and Diagnostic Research. 2017 Mar, Vol-11(3): VE01-VE03.
15. Prasannavalan P, **Adalarasu K**, Sasikumar K, "Mental Task Performance for Autistic Children Using Assistive Teaching Learning Process", International Journal of Pharmacy & Technology (IJPT), Dec-2016, Vol. 8, Issue No.4, 21815-21820
16. B. Geethanjali, **K. Adalarasu**, M. Jagannath, R. Rajasekaran, "Enhancement of task performance aided by music", Current Science, Vol. 111, No. 11, 10 December 2016, 1794 – 1801
17. M. Sundar Raj, **K. Adalarasu**, M. Jagannath, Vinodhini, "Emotional State Assessment: Valence and Arousal Evaluation via EEG Analysis", International Journal of Pharmacy & Technology, Vol. 8, Issue No.3, Sep 2016, 15712-15716
18. M. Sundar Raj, **K. Adalarasu**, M. Jagannath, R. BalaSaranya, "Assessment of Cognitive Status from EEG Data Using Independent Component Analysis", International Journal of Pharma and Bio Sciences, Volume 7, Issue 3, 2016, 1149-1153.
19. B. Geethanjali; **K. Adalarasu**; M. Jagannath; R. Rajasekaran," Influence of pleasant and unpleasant music on cardiovascular measures and task performance," International Journal of Biomedical Engineering and Technology, 2016 Vol. 21 No. 2, pp 128-144.

20. P. Dhanalakshmi, **K. Adalarasu**, "Human system interface controlled by Lip Movement," International Journal of Research and Reviews in Applied Sciences and Engineering (IJRRASE) Vol 8. No.1 – 2016 Pp.25-28.
21. K. Annie Sharan, **K. Adalarasu**, "Emotion recognition in Mentally Retarded Children using Facial Expressions," International Journal of Research and Reviews in Applied Sciences and Engineering (IJRRASE) Vol 8. No.1 – 2016 Pp.7-11.
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23. GuhanSeshadri N.P, Geethanjali B, Pravinkumar S, **Adalarasu K**, "Wavelet Based EEG Analysis of Induced Emotion on South Indians", Australian Journal of Basic and Applied Sciences, 9(33) October 2015, Pages: 156 – 161
24. Sundar Raj M, Manoj Prasath, **Adalarasu K**, "Stroke Rehabilitation through Physiotherapy- A Review", International Journal of Pharmacy & Technology, Sep-2015, Vol. 7, Issue No.2, 3250-3255.
25. Sundar Raj M, Dinagan V, **Adalarasu K**, "Development of Low Cost Wireless Physiological Monitoring System", International Journal of Pharmacy & Technology, Sep-2015, Vol. 7, Issue No.2, 8800-8803.
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31. Dr. M. Jagannath, **Dr. K. Adalarasu**, S. KartthikSrinivas, "Design of Temperature Data-logger for Biomass Cook-stoves", International Journal of Applied Engineering Research, Volume 10, Number 10, 2015, PP 9815 – 9819.