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## JOURNALS

1. Paulraj M P, Kamalraj Subramaniam, Sazali Bin Yacob, Abdul Hamid Bin Adom, Hema C R, "EEG Based Detection of Conductive and Sensorineural Hearing loss using Artificial Neural Networks," *Journal of Next generation Information Technology*, Vol 4, Issue 3, pp. 204-212, 2013, South Korea. [ISSN: 2092-8637]
2. Paulraj M P, Kamalraj Subramaniam, Hema C R, "Classification of Hearing perception level using Auditory evoked potentials, *Jurnal Teknologi*, Vol 77:28, pp.73-78,2015
3. Shanthi, Kamalraj S "Design of low complexity Fault Tolerant Parallel FFTS using partial summation" *International journal of applied engineering research*, Vol 4, pp.2955-2960,2016
4. Infant Augustine, Kamalraj Subramaniam "LPG consumption, monitoring and Booking system " *International journal of applied engineering research*, Vol 4, pp.3993-3998,2016
5. Sampath, Muthuraman Ramaswamy, Kamalraj Subramaniam, " Smart Supervisory Control for Optimized Power Management System of hybrid Micro-Grid", *International journal of applied engineering research*, Vol 11, pp.3980-3986,2016
6. Ashwathappa.P, Kamalraj Subramaniam, Temporal Predictability Based Blind Source Separation– An Approach For Denoising EEG Signal, *Advances in natural and applied sciences*, Vol 10, pp.15-20, 2016
7. Kamalraj Subramaniam, Sridhar, Paulraj MP" Evoked Potentials Based Detection of Hearing Threshold Using PSO Neural Network, *Pakistan Journal of Biotechnology*, Vol 13, pp.357-361,2016
8. Roshini, Kamalraj Subramaniam, Magnetic Resonance Imaging: A systematic Review, *Pakistan Journal of Biotechnology*, Vol 154, pp 7, 2016
9. MS. Gowtham, Kamalraj Subramaniam, Power Aware Cross Layer Approach in Manets Using Advanced Congestion Control Approach, *Special Issue 18-Special Issue*, Vol 9, pp.1600-1615, 2017 [SCI, IF:1.6]

10. Nisheena V Iqbal, Kamalraj Subramaniam, A Review on Upper-Limb Myoelectric Prosthetic Control, *IETE Journal of Research* pp.1-13, 2017 [SCI, IF:1.15]
11. N Thamaraikannan, Kamalraj Subramaniam, Improving Performance of MANET Using Optimized Energy Efficient Adaptive Weighted Clustering Protocol, *Special Issue 13-Special Issue* ,Vol 9,pp.618-624 ,2017
12. Kamalraj Subramaniam Renjith V Ravi, Image Compression and Encryption using Optimized Wavelet Filter Bank and Chaotic Algorithm, *International Journal of Applied Engineering Research (IJAER)* ,Vol 12, pp.10595-10610,2017
13. M Ashwin, S Kamalraj, M Azath, Multi objective trust optimization for efficient communication in wireless M learning applications, *Cluster Computing, Springer US*, pp.1-9,2017 [SCI, IF:1.6]
14. Kamalraj S, Ashwin, Clustering with Trust optimization in Manet - A Survey, *Journal of advanced research in dynamical and control system, JARDCS* ,Vol 9,pp.1318 – 1333, 2017
15. Kamalraj Subramaniam, Renjith V Ravi, Optimized wavelet filters and modified Huffman Encoding based Compression and Chaotic encryption for Image data, *International Journal of Applied Engineering Research, Research India Publication*, Vol 12, pp.3961 – 3977, 2017
16. BS Divya, Kamalraj Subramaniam, HR Nanjundaswamy, Human epithelial type-2 cell categorization using hybrid descriptor with binary tree, *Journal of Ambient Intelligence and Humanized Computing*, pp.1-8 , 2018 [SCI, IF:1.5]
17. MS Gowtham, Kamalraj Subramaniam, Congestion control and packet recovery for cross layer approach in MANET, *Cluster Computing*, pp.1-8, 2018 [SCI, IF: 1.6]
18. Kamalraj Subramaniam, Nisheena V Iqbal, Classification of Fractal features of Uterine EMG Signal for the Prediction of Preterm Birth, *Biomedical and Pharmacology Journal*, pp. 369-374, 2018
19. Nisheena V Iqbal, Kamalraj Subramaniam, Wavelet Packet Entropy Based Control of Myoelectric Prosthesis, *Biomedical and Pharmacology Journal*,pp. 375-380,2018
20. Kamalraj Subramaniam, Nisheena V Iqbal, A review of significant researches on prediction of preterm birth using uterine electromyogram signal, *Future Generation Computer Systems*, 2018. [SCI, IF: 4.9]
21. Lakshmi R Nair, Kamalraj Subramaniam, An Effective Image Retrieval System Using Color, Luminance, Texture with Shape Invariants Features, *Special Issue 11-Special Issue*,pp. 1030-1047,2018.
22. P Shaniba Asmi, Kamalraj Subramaniam, Nisheena V Iqbal, Entropy Based Feature Extraction of Electrohysterogram Signal for the Prediction of Preterm Birth. *Indian Journal of Public*

Health Research & Development, Vol 9 ,2018

23. Nisheena V Iqbal, Kamalraj Subramaniam, P Shaniba Asmi, Effective Control of Upper Limb Myoelectric Prosthesis, Indian Journal of Public Health Research & Development, Vol9, 2018.
24. KN Rejith, Kamalraj Subramaniam, Classification of Emotional States in Parkinson's Disease Patients using Machine Learning Algorithms, Biomedical and Pharmacology Journal, pp. 333-341, 2018.
25. KN Rejith, Kamalraj Subramaniam, Analysis of emotional states in parkinson's disease using entropy, Energy-Entropy and teager Energy-Entropy features, Indian Journal of Public Health Research & Development, pp. 1093-1098, 2018.
26. Balamanigandan Ramachandran, Kamalraj Subramaniam, Secure and efficient data forwarding in untrusted cloud environment, Cluster Computing, pp. 1-9, 2018. [SCI, IF: 1.6]
27. Priyanka Parvathy, Kamalraj Subramaniam, Rapid speedup segment analysis based feature extraction for hand gesture recognition, Multimedia Tools and Applications, 2019.
28. N Thamarai Kannan, S Kamalraj, Utilization of compact genetic algorithm for optimal shortest path selection to improve the throughput in mobile Ad-Hoc networks, Cluster Computing, DOI:10.1007/s11042-019-7528-1, 2019.
29. Lakshmi R Nair, Kamalraj Subramaniam, GKD Prasanna Venkatesan, An effective image retrieval system using machine learning and fuzzy c-means clustering approach, IEEE Transactions on Consumer Electronics, ISSN:2249 – 8958, 2019.
30. A. Mohanarathinam, Kamalraj Subramaniam, Prakash NB, Hemalakshmi GR, G.K.D.Prasanna Venkatesan, An Image Based Encryption Algorithm for Multimedia Applications, IEEE Transactions on Consumer Electronics, ISSN:2249 – 8958, 2019.
31. Renjith V Ravi, Kamalraj Subramaniam, TV Roshini, Sundar Prakash Balaji Muthusamy, GKD Prasanna Venkatesan, Optimization algorithms, an effective tool for the design of digital filters; a review, Journal of Ambient Intelligence and Humanized Computing, 2019.
32. P Shaniba Asmi, Kamalraj Subramaniam, Nisheena V Iqbal, Classification of Nonlinear Features of Uterine Electromyogram Signal Towards the Prediction of Preterm Birth, IETE Journal of Research, 2019.