

## **LIST OF PUBLICATIONS(2015-2020) BY DR.KAMALRAJ**

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2. 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
3. Infant Augustine, Kamalraj Subramaniam “**LPG consumption, monitoring and Booking system** ”*International journal of applied engineering research*, Vol 4, pp.3993-3998,2016
4. 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
5. 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
6. 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
7. Roshini, Kamalraj Subramaniam, **Magnetic Resonance Imaging: A systematic Review**, *Pakistan Journal of Biotechnology*,Vol 154, pp 7, 2016
8. M. Ashwin, S. Kamalraj, Mubarakali Azath, **Weighted Clustering Trust Model for Mobile Ad Hoc Networks**, *Wireless Personal Communication*, Vol 94, pp.2203–2212, 2017 **[SCI, IF: 2]**
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]**
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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
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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]**
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33. N Thamaraikannan, 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.
34. 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.
35. 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.
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37. 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.
38. Dr.Kamalraj subramaniam, **Image compression using optimized wavelet filter derived from grey wolf algorithm**, Journal of Ambient Intelligence and Humanized Computing, 2020.
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