Dr. KamalrajSubramaniam,

Associate Professor

Department of Electronics and Communication

KarpagamAcademy of Higher Education

TamilNadu

India kamalrajece@gmail.com

+91-9894659690

JOURNALS

1. PaulrajMP,

Kamalraj Subramaniam, Sazali Bin Yaccob, Abdul Hamid Bin Adom, Hema CR, ``EEGB as ed Detection of

Conductive and Sensor ineural Hearing loss using Artificial Neural Networks, "Journal of Next gener ation Information Technology, Vol4, Issue3, pp. 204-212, 2013, South Korea. [ISSN:2092-8637]

- 2. PaulrajMP, Kamalraj Subramaniam, HemaC
 - 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, Vol4, pp. 2955-2960, 2016
- 4. InfantAugustine,KamalrajSubramaniam"LPGconsumption,monitoringandBookingsystem"*Int* ernationaljournalof appliedengineeringresearch,Vol4,pp.3993-3998,2016
- Sampath, Muthuraman Ramaswamy, Kamalraj Subramaniam, "Smart Supervisory Control for Opti mized Power Management System of hybrid Micro-Grid", International journal of applied engineering research, Vol 11, pp. 3980-3986, 2016
- Ashwathappa.P,KamalrajSubramaniam,TemporalPredictabilityBasedBlindSourceSeparation— AnApproach ForDenoisingEEGSignal,Advancesinnaturalandappliedsciences,Vol 10, pp.15-20, 2016
- 7. KamalrajSubramaniam,Sridhar,PaulrajMP"EvokedPotentialsBasedDetectionofHearingThresh oldUsingPSO Neural Network,*PakistanJournalofBiotechnology*,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, KamalrajSubramaniam, 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, KamalrajSubramaniam, A Review on Upper-Limb Myoelectric Prosthetic Control, *IETE Journal of Research* pp.1-13, 2017 [SCI, IF:1.15]
- 11. N Thamaraikannan, KamalrajSubramaniam, Improving Performance of MANET Using Optimized Energy Efficient Adaptive Weighted Clustering Protocol, *Special Issue 13-Special Issue*, Vol 9, pp. 618-624, 2017
- 12. KamalrajSubramaniamRenjith 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. KamalrajSubramaniam, 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, KamalrajSubramaniam, 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, KamalrajSubramaniam, Congestion control and packet recovery for cross layer approach in MANET, *Cluster Computing*, pp.1-8, 2018 [SCI, IF: 1.6]
- 18. KamalrajSubramaniam, 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, KamalrajSubramaniam, Wavelet Packet Entropy Based Control of Myoelectric Prosthesis, Biomedical and Pharmacology Journal,pp. 375-380,2018
- KamalrajSubramaniam, 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, KamalrajSubramaniam, An Effective Image Retrieval System Using Color, Luminance, Texture with Shape Invariants Features, Special Issue 11-Special Issue,pp. 1030-1047,2018.

- 22. P ShanibaAsmi, KamalrajSubramaniam, 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, KamalrajSubramaniam, P ShanibaAsmi, Effective Control of Upper Limb Myoelectric Prosthesis, Indian Journal of Public Health Research & Development, Vol9, 2018.
- 24. KN Rejith, KamalrajSubramaniam, Classification of Emotional States in Parkinson's Disease Patients using Machine Learning Algorithms, Biomedical and Pharmacology Journal, pp. 333-341, 2018.
- 25. KN Rejith, KamalrajSubramaniam, 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, KamalrajSubramaniam, Secure and efficient data forwarding in untrusted cloud environment, Cluster Computing, pp. 1-9, 2018. [SCI, IF: 1.6]
- 27. PriyankaParvathy, KamalrajSubramaniam, Rapid speedup segment analysis based feature extraction for hand gesture recognition, Multimedia Tools and Applications, 2019.
- 28. 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.
- 29. Lakshmi R Nair, KamalrajSubramaniam, GKD PrasannaVenkatesan, 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, KamalrajSubramaniam, Prakash NB, Hemalakshmi GR, G.K.D.PrasannaVenkatesan, An Image Based Encryption Algorithm for Multimedia Applications, IEEE Transactions on Consumer Electronics, ISSN:2249 8958, 2019.
- 31. Renjith V Ravi, KamalrajSubramaniam, TV Roshini, Sundar Prakash BalajiMuthusamy, GKD PrasannaVenkatesan, Optimization algorithms, an effective tool for the design of digital filters; a review, Journal of Ambient Intelligence and Humanized Computing, 2019.
- 32. P ShanibaAsmi, KamalrajSubramaniam, Nisheena V Iqbal, Classification of Nonlinear Features of Uterine Electromyogram Signal Towards the Prediction of Preterm Birth, IETE Journal of Research, 2019.