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RESEARCH PUBLICATIONS – ANNA UNIVERSITY ANNEXURE – I (SCI Indexed)

1. Ajesh F, Ravi R “Early Diagnosis of Glaucoma detection using Multi-Feature Analysis and DBN base classification”, Journal of Ambient Intelligence and Humanized Computing. – Accepted for publication.
2. Ajesh F, Ravi R “Hybrid features and Optimization-driven recurrent neural network for Glaucoma detection”, International Journal of Imaging Systems and Technology. – Accepted for publication.
3. Amala Dhaya M D, Ravi R “Multi feature behavior approximation model based efficient botnet detection to migrate financial frauds”, Journal of Ambient Intelligence and Humanized computing, Springer, <https://doi.org/10.1007/s12652-020-01677-w> IF 1.91.
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5. Ajesh F, Ravi R “Fabrication & Characterization Of 4-Amino-6- Hydroxy-2-Mercapto Pyrimidine Stabilized Gold Nanoparticles For Electrocatalytic Application Of Epinephrine And Uric Acid” Journal of Optoelectronic and Biomedical Materials, Volume 11, Number 3, July – September 2019 IF 0.22
6. Lourdes Mary Amulu, Ravi Ramraj, “Combinatorial meta-heuristics approaches for DVFS-enabled green clouds”, The Journal of Supercomputing, Springer, <https://doi.org/10.1007/s11227-019-02997-1>, 2019 IF 2.157
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8. S. Edwin Raja, Dr. R. Ravi, " An Efficient Detection and Isolation of Phishing Attacks using Customized Hidden Markov Model based False Prediction ", Caribbean Journal Of Science, Volume 53, Issue 2 (May - Aug), 2019, ISSN: 0008-6452 IF 0.2
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12. R. Tino Merlin and R. Ravi, Novel Trust Based Energy Aware Routing Mechanism for Mitigation of Black Hole Attacks in MANET, Wireless Personal Communications, February 2019. IF 1.20. <https://doi.org/10.1007/s11277-019-06145-z>
13. S. Surya and R. Ravi, "MPSO-SHM: Modified PSO Based Structural Health Monitoring System for Detecting the Faulty Sensors in WSN", Wireless Personal Communication, IF 1.20
<https://doi.org/10.1007/s11277-019-06392-0>.

14. S. Surya and R. Ravi, "Deployment of Backup Sensors in Wireless Sensor Networks for Structural Health Monitoring," *2nd International Conference on Trends in Electronics and Informatics (ICOEI)*, IEEE, Tirunelveli, 2018, pp. 1526-1533.
15. S. Surya and R. Ravi, "Joint Routing and Optimization for Energy Consumption in Wireless Sensor Networks for Structural Health Monitoring", 2018, *Journal of Advanced Research in Dynamical and Control Systems (JARDCS)*, special issue-02, volume 10, pp Pages: 2024-2031 IF 0.11
16. Mano Paul and R. Ravi, Cooperative Vector Based Reactive System for Protecting Email Against Spammers in Wireless Networks, *Journal of Electrical Engineering*, Vol.18, No. 4, pp. 54 – 61, 2018. IF 0.28
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18. Lourdes Mary Amulu And Dr. R. Ravi (2018), "A Novel Fuzzy Bayesian Approach For Energy Efficient Management Of Scientific Workflows In Cloud", *Journal Of Web Engineering*, Vol. 17, No.6, Pp 1993-2002. IF 0.22
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21. Madhivhanan .M and Ravi .R (2017), "VLSI Implementation Multimodal Biometric Recognition System Using Improved Pulse Coupled Neural Network for Digital Nano-CMOS Technology", *Journal of Computational and Theoretical Nanoscience*, Vol. 14, No. 11, pp. 5657-5662. IF 0.16
22. N. Muthukumaran & Dr. R. Ravi, 'Hardware Implementation of Architecture Techniques for Fast Efficient loss less Image Compression System', *Wireless Personal Communications*, Print-ISSN: 0929-6212, E-ISSN: 1572-834X, Vol. 90, No. 3, pp. 1291-1315, October 2016, SPRINGER, Annexure I Journal. IF 1.20
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28. S. Raja Ratna and R. Ravi, "An intelligent approach based on neuro-fuzzy detachment scheme for preventing jamming attack in wireless networks", *Journal of Intelligent and Fuzzy Logic*, vol. 28(2), pp. 801-820, Jan 2015. (SCI and SCOPUS) IF 1.261

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