

1. Saranya R & Uma Maheswari S 2016, 'Follicle detection in Ovary image using Adaptive Particle Swarm Optimization', *Journal of Medical Imaging and Health Informatics*, vol. 6, pp. 125-132, 2016,(Annexure I). IF – 0.642
2. Saranya R & Uma Maheswari S, 'A novel Pigeon Inspired Optimization in Ovarian Cyst Detection', *Current Medical Imaging Reviews*, vol. 12, issue. 1, pp.43-49, 2016, (Annexure I). IF – 0.730
3. Rajan, S & Uma Maheswari, S 2016, 'Optimization Algorithm for Efficient Coverage and Connectivity for Wireless Sensor Networks', in the *Asian Journal of Information Technology*, ISSN 1682-3915, vol.15, no.12, (May 2016), pp. 2057-2063.
4. Rajan, S & Uma Maheswari, S 2016, 'Creating an Optimization Algorithm for the Minimum Size of the Wireless Sensor Networks', in the *Asian Journal of Research in Social Sciences and Humanities*, E-ISSN 2249-7315, vol.6, no.8 (August 2016), pp.390-403.
5. T. Yathavi and S. Uma Maheswari, "Design and Development of Reconfigurable Microstrip Patch Antenna for Secure Communication", *Middle-East Journal of Scientific Research* vol. 24, no.9, pp. 2832-2842, October 2016 DOI: 10.5829/idosi.mejsr.2016.24.09.23873.
6. Sowmiya J, Karthika P.S., Dr. S. Uma Maheswari, Dr. G.Puvaneswari, Design of Level Shifter by using Multi Supply Voltage", *International Research Journal of Engineering and Technology (IRJET)*, vol. 3, no. 11, November, 2016.
7. Prabhavathy M., Uma Maheswari S. (2020) Remote Network Injection Attack Using X-Cross API Calls. In: Hemanth D., Kumar V., Malathi S., Castillo O., Patrut B. (eds) *Emerging Trends in Computing and Expert Technology. COMET 2019. Lecture Notes on Data Engineering and Communications Technologies*, vol 35. Springer, Cham. https://doi.org/10.1007/978-3-030-32150-5_142
8. Saveeth R., Uma Maheswari S. (2020) HCCD: Haar-Based Cascade Classifier for Crack Detection on a Propeller Blade. In: Luhach A., Kosa J., Poonia R., Gao XZ., Singh D. (eds) *First International Conference on Sustainable Technologies for Computational Intelligence. Advances in Intelligent Systems and Computing*, vol 1045. Springer, Singapore. https://doi.org/10.1007/978-981-15-0029-9_33.
9. G.Puvaneswari, Dr.S.UmaMaheswari, "Ambiguity Sets Determination for Fault Diagnosis of Analog and Mixed Signal Circuits", *TEST: Engineering and Management*, Vol.82,pp.16436-16440, Feb.2020, ISSN: 0193-4120.
10. B. Premalatha & S. Uma Maheswari, March 2020, "A hybrid bio-inspired optimisation approach for wirelength minimisation of hardware tasks placement in field programmable gate array devices, *International Journal of Bio-Inspired Computation*, (Inderscience Publication) Vol. 15, No. 2, pp:125-134. DOI: 10.1504/IJBIC.2020.10028029.
11. P. Dhanaraj, S. Uma Maheswari, "Performance analysis of electrically coupled SRR bowtie antenna for wireless broadband communications", *Wireless Networks*, Vol. 26, Issue 7, pp 5271-5283, 2020 (DOI: [10.1007/S11276-020-02396-Y](https://doi.org/10.1007/S11276-020-02396-Y))