

## PUBLICATIONS

1. D. Rajesh, T. Jaya, "A Mathematical Model for Energy Efficient Secured CH Clustering Protocol for Mobile Wireless Sensor Network", Wireless Personal Communications, vol. 112, pages 421-438(2020), Impact Factor- 1, ISSN 1572-834X..
2. C. Ajitha, T. Jaya, "Cognitive Radio Technology with Reduced PAPR and Complexity For IOT-Based OFDM Networks", Peer-to-Peer Networking and Applications, Impact Factor- 2.793, ISSN 019-36-6450,2020, DOI: [10.1007/s12083-019-00820-5](https://doi.org/10.1007/s12083-019-00820-5).
3. A. Arul Edwin Raj, M. Sundaram, T. Jaya, "Thermography Based Breast Cancer Detection Using Self-Adaptive Gray Level Histogram Equalization Color Enhancement Method", International Journal of Image System Technology, <https://doi.org/10.1002/ima.22488>, Impact Factor- 1.925, ISSN 1098-1098, 2020.
4. T. Jaya, J. Dheeba, N. Albert Singh, "Detection of Hard Exudates in Colour Fundus Images Using Fuzzy Support Vector Machine-Based Expert System", Journal of Digital Imaging, 2015, vol. 28, pages 761-768, Impact Factor- 3.69, ISSN 1618-727X..
5. J. Dheeba, T. Jaya, N. Albert Singh, "Breast Cancer Risk Assessment and Diagnosis Model Using Fuzzy Support Vector Machine Based Expert System", Journal of Experimental & Theoretical Artificial Intelligence, 2017 , vol. 29, pages 1011-1021, Impact Factor- 2.1, ISSN 1362-3079.
6. T. Jaya, C. Jeya Chandiran, "Low Power Analysis and Design Of Efficient Mlat Fault Diagnosis Algorithm with Test Pattern Generation", International Journal of Applied Engineering Research, 2015, vol. 10, pages 15293-15304, Impact Factor- 0.18, ISSN 0793-4562.
7. A. Arul Edwin Raj, T. Jaya, M. Sundaram, "Thermography based Breast Cancer Analysis", IJIREEICE, Vol. 6, pages 96-108, Issue 4, April 2018.
8. D. Rajesh, T. Jaya, "Exploration on Cluster Related Energy Proficient Routing in Mobile Wireless Sensor Network", International Journal of Innovative Technology and Exploring Engineering, 2019, vol. 8, pages 1011-1021, Impact Factor- 1, ISSN 2278-3075.