

## Malmathan Raj Publications

1. S. T. Selvi and R. Malmathanraj, "Mammogram tumor classification using Q learning", *Int. J. Biomedical Engineering and Technology*, Inderscience Publishers Switzerland vol. 7, no. 4, pp. 339-352, 2011. SCOPUS
2. Thavasi Raja, R. Malmathanraj and M. Arun, Document Clustering using Learning from Examples, *International Journal of Computer Applications*, IJCA Journal, Volume 39 - Number 12, 2012.
3. Thavasi Raja, P. Krishna Chaitanya, R. Malmathanraj, Performance Analysis of Independent Component Analysis Algorithms for Multi-user Detection of DS-CDMA, *International Journal of Computer Applications*, IJCA Journal, Volume 39 - Number 11 , 2012.
4. Sriramkumar, R. Malmathanraj, R. Mohan and S. Umamaheswari, "Mammogram tumour classification using modified segmentation techniques", *Int. J. Biomedical Engineering and Technology*, Vol. 13, No. 3, 2013 (Scopus).
5. Utkarsh Gautam, and Malmathanraj Ramanathan, "Simulation for Path Planning of SLOCUM Glider in Near-bottom Ocean Currents Using Heuristic Algorithms and Q-Learning", *Defence Science Journal*, Vol. 65, No. 3, May 2015, pp. 220-225, DOI : 10.14429/dsj.65.7855 (SCIE)
6. Sundaram, J. Abitha, R. Malmathanraj, K. Ramar, "Wood species classification based on local edge distributions", *Journal of Optik* (2015), <http://dx.doi.org/10.1016/j.ijleo.2015.07.044> (SCI)
7. Asutosh Mohapatra, S. Shanmugasundaram, R. Malmathanraj, "Grading of ripening stages of red banana using dielectric properties changes and image processing approach", *Computers and Electronics in Agriculture*, 143 (2017) 100–110. (SCIE)
8. Sivaraj, R. Malmathanraj, P. Palanisamy, "Detecting anomalous growth of skin lesions using threshold based segmentation algorithm and fuzzy k-neighborhood classifier", *Journal of cancer research and therapeutics*, in print 2019. (SCIE)
9. Vikas R. Phate, R. Malmathanraj, P. Palanisamy, "Classification and weighing of sweet lime (*Citrus limetta*) for packaging using computer vision system", *Journal of Food Measurement and Charecterization*, Springer, Impact Factor (1.181), accepted Jan 2019. (SCIE)