

LIST OF PUBLICATIONS

INTERNATIONAL JOURNALS

- [1] P. Jemsheer Ahmed, R. Sivakumar, "Computer Assisted Diagnosis System For Mammogram Image Analysis- A Systematic Review" JCR. 2020; 7(5): 1652-1656, doi: 10.31838/jcr.07.05.282 (**Scopus**)
- [2] K.B. Bavithra , **R. Siva Kumar** Dr. , High Throughput K Best Mimo Detector Using Modified Final Selector Based Carry Select Adder, *Microprocessors and Microsystems* Volume 71, November 2019, **Elsevier**. doi: <https://doi.org/10.1016/j.micpro.2019.102847> (**Scopus**)
- [3] **R.Sivakumar**, K.B.Bavithra, Fractional Order Darwinian Particle Swarm Optimization based K-Best Detection Algorithm for Mimo Communication, *International Journal of Engineering and Advanced Technology (IJEAT)* ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019 (**scopus**)
DOI: 10.35940/ijeat.A3084.109119
- [4] **R. Siva Kumar**, K.B. Bavithra, " A COMPARATIVE STUDY OF DETECTION SCHEMES IN MIMO COMMUNICATION SYSTEMS", *International Journal of Information and Computing Science*, Volume 6, Issue 6, June 2019, PP 13-19. DOI:16.10089.IJICS.2019.V6I6.18.3145 (UGC recognized journal)
- [5] **R.Sivakumar**, D.Murali Shankar, M.Karthikeyan, "Mammogram Segmentation Using Enhanced ACO with FCM" *International Journal of Science, Arts and Engineering Development Research (IJS AEDR)*, Vol. 1, Issue 1, Jan 2017 pp 1-6
- [6] D.Murali Shankar, M.Karthikeyan, **R.Sivakumar** "Mammogram Image Segmentation Using Unsupervised Fuzzy C-Means Algorithm with Enhanced Self-Organizing Map" *International Journal of Science, Arts and Engineering Development Research (IJS AEDR)*, Vol. 1, Issue 1, Jan 2017 pp 27-31
- [7] **R. Sivakumar**, R.P. Anto Kumar and N. Nandhagopal, "Computational Artificial Bee Colony Optimization: A Survey", *International Journal of Printing, Packaging & Allied Sciences*, ISSN: 2320-4387, Volume: 4 | Issue: 3, 2016. (**Anna University A-I**)
- [8] R.P. Anto Kumar, N. Nandhagopal and **R. Sivakumar**, "Hybrid Image Watermarking Technique Based on Integer Wavelet Transform and Neural Network", *International Journal of Printing, Packaging & Allied Sciences*, ISSN: 2320-4387, Volume: 4 | Issue: 3, 2016. (**Anna University A-I**)
- [9] N. Nandhagopal, **R. Sivakumar** and R.P. Anto Kumar, "Robust Digital Image Watermarking Method Based on FFT-IWT", *International Journal of Printing, Packaging & Allied Sciences*, ISSN: 2320-4387, Volume: 4 | Issue: 3, 2016. (**Anna University A-I**)

- [10] **Siva Kumar.R**, Anto Kumar. R.P, "Intelligent Segmentation & Yield Analysis Of Mango Fruit Using Bio-Inspired Mhs Approach" International Journal of Advanced Engineering Technology , Vol. VII/Issue II/April-June.,2016, pp177-179 (**Anna University- Updated list**)
- [11] A. John Blesswin, P. Visalakshi, M. Karnan and **R. Sivakumar**, 2015. A New Semantic Visual Cryptographic Protocol (SVCP) for Securing Multimedia Communications. *International Journal of Soft Computing*, 10: 175-182. (Anna University A-II) (**Scopus**)