

List of Publications in International Journals:

1. Dr. B. Vinoth kumar, "Earlier Detection of Cancer Region from MR Image Features and SVM Classifiers", International Journal of Imaging Systems and Technology, Wiely, Vol.no.26, No.3,pp196 - 208, Sep 2016.
2. Dr. B. Vinoth kumar, "AFSA DSR – Artificial Fish Swarm Algorithm Dynamic Source Routing Protocol for MANET", The Institute of Integrative Omics & Applied Biotechnology (IIOAB) Journal Vol.no.7, No.9,pp. 394 - 403, August 2016.
3. Harikumar, R & **Vinothkumar, B** 2015, 'Performance analysis of Medical Image segmentation and edge detection using MEM and PSO Algorithms', Applied Mathematics and Information Sciences. vol.9, no.6 (Nov 2015), pp.3235-3243 (published online).**Annexure-I**, 744. Impact factor: 1.232(Wos)
4. Harikumar, R, Karthick, G & **Vinoth kumar, B**, 2016, 'Earlier Detection of Cancer Regions from MR Image features and SVM classifiers', International journal of imaging systems and technology. vol.26, no.3, pp. 196-208. (SCI)
5. Prasath, N, Sengottuvellam, P & **Vinoth Kumar B**, 2016, 'AFSA DSR- Artificial Fish Swarm Algorithm Dynamic Source Routing protocol for MANET', Institute of Integrative Omics and Applied Biotechnology, vol.7, no.9, pp. 394-403.(scopus)
6. B. Vinoth Kumar, R. Hari Kumar, G. Karthick,P. Sunil Kumar,2016, 'Medical Image Segmentation based on Minimization of Region - Scalable Fitting Energy', Asian Journal of Research in Social Sciences and Humanities, vol. 6,no. 12, pp.830-840.
7. S.Brindha, **Vinoth kumar, B** and K.N.Vijeyakumar,2018, 'VLSI Implementation of High speed median filter with low power switching algorithm', Journal of Computational and Theoretical Nanoscience. vol.15, pp. 1582-1589. (Scopus)
8. S. Arunkumar,**Vinoth kumar, B** and R.L. Josephine ,2017, 'Routing using Hidden Markov Model and Energy efficient using PSO with wireless network interface selection for industrial mobile devices', Research Journal of Biotechnology, Special Issue II.(Wos)
9. I.Jeya Daisy, **Vinoth kumar, B**, 2018, ' Analysis of biomarkers in sweat and its comparative study with Blood', International Journal of Innovative Technology and Exploring Engineering (IJITEE)., vol.8, pp. 317-321. (Scopus)
10. S. ArunKumar , **B. Vinoth Kumar** , M. Pandi ,March 2020, 'Artificial bee colony optimization based energy-efficient wireless network interface selection for industrial mobile devices', Computer Communications,vol.154.pp 1-10.(Elsevier)(SCI)
11. Jeya Daisy, **B.Vinoth Kumar**, 'Static, Portable and Smart Detection Of Water Quality In Panchayath Distribution Tank', International Journal of Recent Technology and Engineering (IJRTE) Volume-8, Issue-2S5, July 2019(Scopus)
12. A. Senthilvel, K.N. Vijeyakumar, **B.Vinoth kumar**, 'FPGA Based Implementation of MPPT Algorithms for Photovoltaic System Under Partial Shading Conditions', Microprocessors & Microsystems,. (Elsevier) (SCI) (<https://doi.org/10.1016/j.micpro.2020.103011>)