

Annexure I

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List of Publications: 16

1. Brindha, T., **Vinoth Kumar, B.**, Vijeya Kumar, K.N., “Very large scale integration implementation of high speed median filter with low power switching algorithm”, Journal of Computational and Theoretical Nanoscience, 15(5), pp. 1582-1589, 2018.
2. Jeya Daisy, I., **Vinoth Kumar, B.**, “Analysis of biomarkers in sweat and its comparative study with blood”, International Journal of Innovative Technology and Exploring Engineering, 8(2 Special Issue 2), pp. 317-321, 2018.
3. Arunkumar, S., **Vinoth Kumar, B.**, Josephine, R.L., “Routing using Hidden Markov Model and energy efficient by particle swarm optimization with wireless network interface selection for industrial mobile devices”, Research Journal of Biotechnology 2017(Special Issue 2), pp. 209-219.
4. Harikumar, R, Karthick, G & **Vinothkumar, 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.
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.
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. 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
8. Harikumar, R & **Vinothkumar, B** 2015, ‘Performance analysis of Neural Networks for classification of medical images using wavelets as a feature extractor’, International journal of imaging systems and technology.vol.25, no.1, pp. 33-40**Annexure-I**, 3900. Impact factor: 0.768
9. K. Priya, Harikumar, R & **Vinothkumar, B**, 2015, ‘A Comparison Of Extreme Learning Machine And Neural Network In The Classification Of Epilepsy Risk Levels From EEG Signals’, International Journal of Applied Engineering Research,vol.10,no.9,pp.7167-7173 (**Annexure II**).
10. M. Srinivasan, **B.Vinothkumar** et.al 2015, ‘Comparison of CUK, SEPICand ZETA DC-DC Topologies Based Electronic Ballasts for Fluorescent Lamp Applications’,

International Journal of Applied Engineering Research, vol.10, no.10, pp.9790-9795(**Annexure II.**).

11. M. Srinivasan, **B.Vinothkumar**, G. Nithya 2015, 'New Electronic Ballast Based on Zeta PFC Topology with SRPLI in PC Stage', International Journal of Applied Engineering Research, vol.10, no.10, pp.9384-9390(**Annexure II.**).
12. G. Nithya, B.Vinothkumar, 2015, 'Design of Zeta Converter Based Electronic Ballast for Fluorescent lamps', International Journal For Trends In Engineering & Technology, vol.3, no.3, pp.126-132.
13. G. Nithya, **B.Vinothkumar**, 2015, 'Design of Zeta Converter Based Electronic Ballast for Fluorescent lamps', Proceeding of the International Conference On Innovations In Communications And Computer Engineering – ICICCE'15.
14. K. Priya, Harikumar, R & **Vinothkumar, B**, 2015, 'A Comparison Of Extreme Learning Machine And Neural Network In The Classification Of Epilepsy Risk Levels From EEG Signals International Conference on Engineering Technology and Science (ICETS'15).
15. M. Srinivasan, **B.Vinothkumar** et.al 2015, 'Comparison of CUK, SEPIC and ZETA DC-DC Topologies Based Electronic Ballasts for Fluorescent Lamp Applications' International Conference on innovative Strategies in Renewable Energy and its applications (ISREA) 2015
16. M. Srinivasan, **B.Vinothkumar** et al. 2015, 'New Electronic Ballast Based on Zeta PFC Topology with SRPLI in PC Stage' International Conference on innovative Strategies in Renewable Energy and its applications (ISREA) 2015