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List of Publications:

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 Reasearch,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 Reasearch,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 Reasearch,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, SEPICand 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