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Research Papers Published in Journals

1. D. Prabakar and V. Saminadan, "Improving Spectral Efficiency of Small Cells with Multi-Variant Clustering and Interference Alignment", Journal of Computational and Theoretical Nanoscience, Vol. 17, 2203–2206, 2020.
2. S. Shibu and V. Saminadan, "Clustering-based Resource Allocation Scheme for Dense Femtocells (CRADF) to improve the performance of User Elements", Wireless Personal Communications, International Journal, published online(04th April 2020).
3. S. Shibu and V. Saminadan, "Enhanced interference cancellation techniques for downlink of LTE-A heterogeneous networks", International Journal of Wireless and Mobile Computing, vol.17, No.2, pages 149-156, available online, July 2019
4. G.Satheshkumar and V. Saminadan, "A Novel BISR Approach for Embedded Memory Self Repair," Global Journal of Engineering Science and Researches (GJESR), vol. 5, pages 267-274, September, 2018
5. S. Shibu and V. Saminadan, " An Integrated reliable interference management scheme for improving performance in LTE/LTE-A hetnets", Journal of Advanced Research in Dynamical and Control Systems, vol.9, special issue-18, pages 781-797, Dec. 2017
6. T. Padmapriya and V. Saminadan, "Performance Improvement in long term Evolution-advanced network using multiple input multiple output

technique”, Journal of Advanced Research in Dynamical and Control Systems, vol.9, no.6, pages 991-1010, 2017

7. S. Premkumar.andV. Saminadan, “Impact of Denial of Service (DoS) attack prevention in smart distribution grid communication network” International Journal of Applied Engineering Research, Volume 12, Number 14 (2017) pp. 4443-4447.
8. S. Prem Kumar, H. Thameemul Ansari and V. Saminadan, "Smart Grid Communication Architecture Modeling for Heterogeneous Network Based Advanced Metering Infrastructure", World Academy of Science, Engineering and Technology, International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, vol. 11, no. 4, 389-394, 2017.
9. G. Abirami and V. Saminadan, “Performance enhancement of wireless ad-hoc networks using PLR-based routing protocols”, International Journal of Knowledge Engineering and Soft Data Paradigms , Vol.5, No.3/4, pp.222 – 236, 2016.
- 10.V. Thirunavukkarasu, V.Saminadan and R.Saravanan, “ Performance Evaluation of testing methodologies for digital VLSI circuits”, International Journal of Applied Engineering Research (IJAER), Special Issues , Volume 10, Number 20, pp.18822-18825, 2015.
11. T. Padmapriya and V. Saminadan, “Improving throughput for downlink multi user MIMO-LTE advanced networks using SINR approximation and hierarchical CSI feedback” International Journal of Mobile Network Design and Innovation, page 14-23, May 2015.

