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List of Publications for last five years

1. Prathiba R, **Balasinghmoses M**, Devaraj D, Karuppasamypandiyan M, Multiple Output Radial Basis Function Neural Network with Reduced Input Features for On-line Estimation of Available Transfer Capability, Control Engineering and Applied Informatics, Vol. 18,No.1 ,2016,pp.95-106.

2. BarsanaBanu J and **Balasingh Moses M** and Rajarajacholan S, A Non Isolated Bidirectional DC-DC Converter With LCD Snubber,RevistaTecnica De La Facultad De Ingenieria Universidad Del Zulia, Vol. 39,No.1 ,2016,pp.131-143

3. BarsanaBanu J and **Balasingh Moses M,** A state space modeling of non isolated bidirectional dc-dc converter with active switch, Circuits and systems, Vol. 7,No.4 ,2016,pp.187-197

4. Parameshwari.M and **Balasingh Moses M,** Arduino Based Human Health Care Monitoring and Control System**,** IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Vol.11,No.3 ,2016,pp.9-18.

5. Pradeep NS and **Balasingh Moses M,** Modified Max-Log-MAP Turbo Decoding Algorithm for MIMO-OFDM System, Asian Journal of Information Technology, Vol.15,No.6 ,2016,pp.1005-1014

6. Vasudevan K and **Balasingh Moses M,** Renewable Energy Resources based DC-DC Power Converter for Micro Grid Power Quality Analysis, Asian Journal of Research in Social Sciences and Humanities, Vol.6,No.9 ,2016,pp.1509-1524

7. BarsanaBanu J and Balasingh **Moses M,**Soft-switching bidirectional buck boost converter with simple auxiliary circuit, Indian Journal of Science and Technology, Vol.9,,2016,pp. 1-10.

8. BarsanaBanu J and **Balasingh Moses M,** Modeling and analysis of PMSG based wind turbine with super-lift converter, ARPN Journal of Engineering and Applied Sciences, Vol.12,No.12 ,2017,pp.3890-3895

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11. BarsanaBanu J and **Balasingh Moses M,**IOT Based Augmented Perturb-and-Observe Soft Switching Boost Converters for Photovoltaic Power Systems in Smart Cities, Wireless Personal Communications, Vol.102,2018,pp. 2619–2641

12. Parameshwari.M and **Balasingh Moses M**, Efficient Analysis of water quality measurement reporting system using IOT based system in WSN, Cluster Computing, The Journal of Networks, Software Tools and Applications, Vol.22, No.5, 2019, pp. 12193-12201.

13. BarsanaBanu J, **Balasingh Moses M,** Rajarajacholan S**,** Simulation and Control of MPPT Based Hybrid System with Boost Converter, IOP Conf. Series: Materials Science and Engineering, Vol.396, No.1, 2019.

14. Ganapathy S, **Balasingh Moses M** and BarsanaBanu J, An Asymmetrical Multilevel Inverter Model with minimum power electronic components, International Journal of Research in Advent Technology, Vol.7, No.5 ,2019,pp. 1-7.

15. Ganapathy S, **Balasingh Moses M** and BarsanaBanu J,An improved artificial bee colony algorithm based harmonic control of multilevel inverter, Journal of Control Engineering and Applied Informatics, Vol.21, No.4,2019,pp. 59-70.

16. Rajarajacholan S, **Balasingh Moses M** and BarsanaBanu J, Designing Proportional Integral Controller for a Solar Powered DC-DC Converter Using PIPSO Algorithm and Deep Learning approach in Intelligent Bio-Medical Applications, Expert Systems: The Journal of Knowledge Engineering, 2020 (online publication)

17. Ambika K and **Balasingh Moses M,** Challenges and Issues on the Recent Data Integrity Preserving Techniques in the Multiuser Cloud, Journal of Computer Engineering and Technology, Vol.10, No.6, 2020,pp. 10-21.

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