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Publications:

1. I Anand, Subramaniam Senthilkumar, Dipankar Biswas, M Kaliamoorthy , “Dynamic power management system employing a single-stage power converter for standalone solar PV applications” IEEE Transactions on Power Electronics, 2018.
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3. M Venkatesan, R Rajeswari, M Kaliyamoorthy, M Srithar, “Transient and Steady State Analysis of Modified Three Phase Multilevel Inverter for Photovoltaic System” International Journal of Power Electronics and Drive Systems, 2017.
4. Soundar Rajan Ponnusamy, Manoharan Subramaniam, Gerald Christopher Raj Irudayaraj, Kaliamoorthy Mysamy, “An Improved Switching Topology for Single Phase Multilevel Inverter with Capacitor Voltage Balancing Technique” Journal of Power Electronics, 2017.
5. M Venkatesan, R Rajeshwari, N Deverajan, M Kaliyamoorthy , “Comparative study of three phase grid connected photovoltaic inverter using pi and fuzzy logic controller with switching losses calculation” International Journal of Power Electronics and Drive Systems, 2016.
6. CP Boopathy, M Kaliamoorthy, “A Novel Asymmetrical Single-Phase Multilevel Inverter Suitable for Hybrid Renewable Energy Sources” Circuits and Systems, 2016.
7. CP Boopathy, M Kaliamoorthy, “A Modified Asymmetrical Single-Phase Multilevel Inverter Topology for Enhanced Power Quality” Middle-East Journal of Scientific Research, 2016.
8. M Kaliamoorthy, V Rajasekaran, G PraveenRaj, “A novel single phase cascaded multilevel inverter for hybrid renewable energy sources” International Conference on Advanced Computing and Communication Systems, 2015,
9. R.M.Sekar I.Gerald Christoper raj, M.Kaliamoorthy, V.Rajasekaran, “Single-Phase Cascaded Grid Connected Multilevel Inverter for Interfacing Renewable Energy Sources With Microgrid” ASME Journal of solar Energy Engineering, 2015.