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Publication:

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3. K.Ranjith kumar, A.Rizwana, “ MPPT Control of Quasi Z-Source Cascade Multilevel Inverter Based Grid-Tie Solar PV System”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.88, pp.225-230 (2015).
4. K.Ranjith kumar, R.Suganthalakshmi, “ A Novel Scheme for Single Phase Grid Interfaced with Harmonic & Load Compensating PV System Using Notch Filter”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.88, pp.190-195 (2015).
5. K.Ranjith kumar, Girish Gowtham.J, “Modelling and Simulation of Single Phase Five Level Grid Connected Inverter using Coupled Inductor fed from Wind Energy Conversion System”, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.88, pp.203-207 (2015).
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7. K.Ranjith kumar, S.Jaganathan, M.Sathyanathan, C.Sasikumar, Enhancement of Voltage Profile of Power Line by the Placement of Multi-line FACTS Devices, Jour of Adv Research in Dynamical & Control Systems, ISSN 1943-023X, DOI: 10.5373/JARDCS/V12I7/20201991, Vol 12, No.7, 2020

8. K.Ranjith kumar, V N Sudharsan, J Rahul kumar, Design and Simulation of SEPIC Converter with Fuzzy-logic MPPT for Standalone System, International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778, DOI: <https://doi.org/10.46501/IJMTST060820>, Vol.6, No.8, 112-119, 2020
9. K.Ranjith kumar, M Rajeswari, Design and Analysis of ANN-Based MPPT for Hybrid System, International Journal for Modern Trends in Science and Technology, ISSN: 2455-3778, DOI: <https://doi.org/10.46501/IJMTST060836>, Vol.6, No.8, 206-212, 2020.
10. K.Ranjith kumar, K.Vinoth kumar, R.Vishnu, Implementation of Bi-directional Capabilities of Batteries for using Quadratic Buck-Boost Converter, Advancement of Signal Processing and its Applications, DOI: <http://doi.org/10.5281/zenodo.4021845>, Vol.3, Issue 2, p-p 1-9, 2020.
11. K.Ranjith kumar, P.Ramalingam, N.Devarajan, Comparative analysis of Quasi Z source and Trans source Inverter for Photovoltaic applications”, International conference on Electrical, Instrumentation and Communication Engineering – Recent trends and Research issues, ICE2 – RTRI 2015, SKCT, Coimbatore-42, 2nd & 3rd January 2015.
12. K.Ranjith kumar, Suganthi Mary, N.Devarajan, Performance analysis of Cuk and Sepic converters with MPPT techniques for solar power applications”, International conference on Electrical, Instrumentation and Communication Engineering – Recent trends and Research issues, ICE2 – RTRI 2015, SKCT, Coimbatore-42, 2nd & 3rd January 2015.