

1. Development of a comprehensive MPPT for grid-connected wind turbine driven PMSG

Authors: P.Sai Manoj, A.Vijaya Kumari, K.Kottayil Sasi

Sasi K Kottayil

Publication date: 2019/6

Journal: WiEn

Volume: 22

Issue: 6

Pages: 732-744

2. Thermal Modeling of wide band Semiconductor Devices for high frequency Power Converters

Authors: SS Ram, A Vijayakumari

Publication date: 2018

Journal: IOP Conference Series: Materials Science and Engineering

3. Power Balancing in autonomous Micro Grid with variable speed pump

Authors: SR Mohanrajan, A Vijayakumari, Sasi K Kottayil

Publication date: 2017/9/21

Conference: 2017 IEEE International Conference on Power, Control, Signals and Instrumentation Engineering (ICPCSI)

Pages: 2118-2121

Publisher: IEEE

4. Virtual Inertia control for transient active power support from DFIG based Wind Electric System

Authors: CM Deepak, A Vijayakumari, SR Mohanrajan

Publication date: 2017/5/19

Conference: 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)

Pages: 809-814

Publisher: IEEE

5. Single stage Grid Connected Solar Micro-Inverter with Two Level Fuzzy Logic MPPT Controller

Authors: N Aarthi, A Vijayakumari, KC Sindhu Thampatty, TN Padmanabhan Nambiar

Publication date: 2017/4/20

Conference: 2017 International Conference on Circuit, Power and Computing Technologies (ICCPCT)

Pages: 1-6

Publisher: IEEE

6. Grid Connected wind Driven Permanent Magnet Synchronous Generator with high frequency solid state transformer

Authors: PV Sandeep, A Vijayakumari

Publication date: 2016/10/21

Conference: 2016 International Conference on Emerging Technological Trends (ICETT)

Pages: 1-6
Publisher: IEEE

7. A Dual Mode Control for Bridgeless SEPIC Power Factor Correction Rectifier

Authors: K Kareemulla Khan, A Vijayakumari
Publication date: 2016/10/21
Conference: 2016 International Conference on Emerging Technological Trends (ICETT)
Pages: 1-6
Publisher: IEEE

8. Renewable Generators Capacity optimization for a Micro Grid in rural feeder using HOMER- A case study

Authors: N Raghul, A Vijayakumari, SR Mohanrajan
Publication date: 2016/10/21
Conference: 2016 International Conference on Emerging Technological Trends (ICETT)
Pages: 1-6
Publisher: IEEE

9. Decoupled control of Grid connected Inverter with dynamic online grid impedance measurements for micro grid applications

Authors: A Vijayakumari, AT Devarajan, N Devarajan
Publication date: 2015/6/1
Journal: International Journal of Electrical Power & Energy Systems
Volume: 68
Pages: 1-14
Publisher: Elsevier

10. Assistive Autonomous Ground Vehicles in Smart Grid

Authors: Kuralamudhan Arutselvan, A Vijayakumari
Publication date: 2015/1/1
Journal: Procedia Technology
Volume: 21
Pages: 232-239
Publisher: Elsevier