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Publications:

1. D Krishna, M Sasikala, V Ganesh, “Adaptive FLC-based UPQC in distribution power systems for power quality problems”, International Journal of Ambient Energy, 1-11, 2020.
2. HK Inamdar, MVNA Prasad, RB Basavaraj, M Sasikala, SC Sharma, “Promising red emission from functionalized Polypyrrole/CaTiO₃: Eu³⁺ nano-composites for photonic applications”, Optical Materials 88, 458-465, 2019.
3. D.Krishna, Dr.M.Sasikala, “Fractional Order Fuzzy Logic based UPQC for Improvement of Power Quality in Distribution Power System”, International Journal of Recent Technology and Engineering (IJRTE) 7 (6), 1405, 2019.
4. D.Krishna, Dr.M.Sasikala, “Fractional Order PI based UPQC for Improvement of Power Quality in Distribution Power System”, International Journal of Innovative Technology and Exploring Engineering, 2019.
5. M.Sasikala, M Sharanya, B Basavaraja, “Repetitive Controller For Power Quality Improvement Using Dynamic Voltage Restorer And Shunt Hybrid Active Power Filters”, International Journal of Industrial Electronics and Electrical Engineering , 2018.
6. M.Sasikala , M Sharanya, B Basavaraja, “Dynamic Voltage Restorer and Hybrid Active Power Filter for Power Quality Improvement”, ARPN journal of Engineering and Applied Science 13 (2), 733, 2018.
7. M.Sasikala , M Sharanya, B Basavaraja , “Comparison of Control Methods for Power Quality Improvement Using Dynamic Voltage Restorer and Hybrid Active Power Filter”, IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) 13 (6), 52, 2018.

8. D.Krishna, Dr.M.Sasikala, "FUZZY BASED UPQC IN A DISTRIBUTED POWER SYSTEM FOR ENHANCEMENT OF POWER QUALITY", International Journal of Pure and Applied Mathematics 118, 14, 2018.
9. HK Inamdar, M Sasikala, D Agsar, MVNA Prasad, "Facile green fabrication of ZnO nanopowders: Their antibacterial, antifungal and photoluminescent properties", Materials Today: Proceedings 5 (10), 21263-21270, 2018.
- 10.HK Inamdar, M Sasikala, SB Chakradhar, B Sannakki, "AC CONDUCTIVITY STUDIES OF POLYANILINE/CuO COMPOSITES", Indian Journal of Scientific Research, 30-34, 2017.
- 11.M Sharanya, B Banakara, M Sasikala, "Power quality improvement using a combination of hybrid active power filter and thyristorised controlled reactor", 2017 International Conference on Energy, Communication, Data Analytics, 2017.
- 12.D Krishna, M Sasikala, V Ganesh, "Mathematical modeling and simulation of UPQC in distributed power systems" 2017 IEEE International Conference on Electrical, Instrumentation, 2017.
- 13.MS M Sharanya, B Basavaraja, "A Combination of Shunt Hybrid Active Power Filter and SVC for Power Quality Improvement", STM Journals, Journal of Microelectronics and Solid State Devices 4 (2), 9, 2017.
- 14.BS Khened, MVN Prasad, M Sasikala, "Synthesis, characterization and liquid petroleum gas sensing of ZnFe₂O₄ nanoribbons doped polyaniline nanocomposites", Sensor Letters 14 (8), 817-823, 2016.
- 15.BS Khened, MVN Prasad, M Sasikala, "High Sensitivity and Selectivity of LPG Gas by Three Dimensional Molecular Ordered Polyaniline/CeO₂ Nanocomposites", Sensor Letters 14 (8), 786-793, 2016.
- 16.BS Khened, T Machappa, MVN Pradeep, MVNA Prasad, M Sasikala, "Studies on LPG sensing property of polyaniline/BaZrO₃ composites", Materials Today: Proceedings 3 (2), 369-375, 2016.