

Astitva Kumar

List of Publications by Year in descending order

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16
papers

124
citations

1684188

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1474206

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16
times ranked

39
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Extraction of Maximum Electrical Power from Solar Photovoltaic-Based Grid-Tied System. Lecture Notes in Electrical Engineering, 2022, , 351-361. | 0.4 | 3 |
| 2 | A hybrid optimization technique for proficient energy management in smart grid environment. International Journal of Hydrogen Energy, 2022, 47, 5564-5576. | 7.1 | 14 |
| 3 | Grey Wolf Optimization Inspired Maximum Power Extraction from SPV System for Water Pumping Application. , 2022, , . | | 2 |
| 4 | An Advanced and Robust Approach to Maximize Solar Photovoltaic Power Production. Sustainability, 2022, 14, 7398. | 3.2 | 5 |
| 5 | Development of ANFIS-based algorithm for MPPT controller for standalone photovoltaic system. International Journal of Advanced Intelligence Paradigms, 2021, 18, 247. | 0.3 | 4 |
| 6 | Energy Production Forecasting From Solar Photovoltaic Plants Based on Meteorological Parameters for Qassim Region, Saudi Arabia. IEEE Access, 2021, 9, 83241-83251. | 4.2 | 19 |
| 7 | Novel AI Based Energy Management System for Smart Grid With RES Integration. IEEE Access, 2021, 9, 162530-162542. | 4.2 | 12 |
| 8 | Coordinated Allocation of Electric Vehicle Charging Stations and Capacitors in Distribution Network. , 2021, , . | | 0 |
| 9 | Grey Wolf Optimizer-Based Array Reconfiguration to Enhance Power Production from Solar Photovoltaic Plants under Different Scenarios. Sustainability, 2021, 13, 13627. | 3.2 | 6 |
| 10 | A Hybrid Intelligent Approach for Solar Photovoltaic Power Forecasting: Impact of Aerosol Data. Arabian Journal for Science and Engineering, 2020, 45, 1715-1732. | 3.0 | 19 |
| 11 | A Novel Fuzzy based Intelligent Demand Side Management for Automated Load Scheduling. , 2020, , . | | 4 |
| 12 | A new approach to design and optimize sizing of hybrid microgrid in deregulated electricity environment. CSEE Journal of Power and Energy Systems, 2020, , . | 1.1 | 5 |
| 13 | Optimal Sizing of Renewable Energy Resources in a Microgrid for a Distributed Generation System. , 2019, , . | | 7 |
| 14 | Artificial Neural Network based Model for Short Term Solar Radiation Forecasting considering Aerosol Index. , 2018, , . | | 10 |
| 15 | Development of Fuzzy Logic based MPPT controller for PV system at varying meteorological parameters. , 2015, , . | | 11 |
| 16 | An Analytical Approach of Integrating Automated Load Scheduling to a Smart Energy Meter using Differential Evolution Algorithm. IOP Conference Series: Materials Science and Engineering, 0, 946, 012007. | 0.6 | 3 |