

Astitva Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

124
citations

1684188

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1474206

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16
all docs

16
docs citations

16
times ranked

39
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A hybrid optimization technique for proficient energy management in smart grid environment. International Journal of Hydrogen Energy, 2022, 47, 5564-5576.	7.1	14
4	Novel AI Based Energy Management System for Smart Grid With RES Integration. IEEE Access, 2021, 9, 162530-162542.	4.2	12
5	Development of Fuzzy Logic based MPPT controller for PV system at varying meteorological parameters. , 2015, , .		11
6	Artificial Neural Network based Model for Short Term Solar Radiation Forecasting considering Aerosol Index. , 2018, , .		10
7	Optimal Sizing of Renewable Energy Resources in a Microgrid for a Distributed Generation System. , 2019, , .		7
8	Grey Wolf Optimizer-Based Array Reconfiguration to Enhance Power Production from Solar Photovoltaic Plants under Different Scenarios. Sustainability, 2021, 13, 13627.	3.2	6
9	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
10	An Advanced and Robust Approach to Maximize Solar Photovoltaic Power Production. Sustainability, 2022, 14, 7398.	3.2	5
11	A Novel Fuzzy based Intelligent Demand Side Management for Automated Load Scheduling. , 2020, , .		4
12	Development of ANFIS-based algorithm for MPPT controller for standalone photovoltaic system. International Journal of Advanced Intelligence Paradigms, 2021, 18, 247.	0.3	4
13	Extraction of Maximum Electrical Power from Solar Photovoltaic-Based Grid-Tied System. Lecture Notes in Electrical Engineering, 2022, , 351-361.	0.4	3
14	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
15	Grey Wolf Optimization Inspired Maximum Power Extraction from SPV System for Water Pumping Application. , 2022, , .		2
16	Coordinated Allocation of Electric Vehicle Charging Stations and Capacitors in Distribution Network. , 2021, , .		0