

Sheik Mohammed S

List of Publications by Year in descending order

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22
papers

293
citations

1478505

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23
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23
docs citations

23
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Interruptible charge scheduling of plug-in electric vehicle to minimize charging cost using heuristic algorithm. Electrical Engineering, 2022, 104, 1425-1440.	2.0	16
2	Charge Scheduling Optimization of Plug-In Electric Vehicle in a PV Powered Grid-Connected Charging Station Based on Day-Ahead Solar Energy Forecasting in Australia. Sustainability, 2022, 14, 3498.	3.2	28
3	Optimal Design and Implementation of Solar-Powered EV Public Charging Station. Lecture Notes in Electrical Engineering, 2021, , 2131-2139.	0.4	0
4	GA-Optimized Fuzzy-Based MPPT Technique for Abruptly Varying Environmental Conditions. Journal of the Institution of Engineers (India): Series B, 2021, 102, 497-508.	1.9	11
5	Standalone PV System with Modified VSS P&O MPPT Controller Suitable for Partial Shading Conditions. , 2021, , .		5
6	Optimal Microgrid Battery Scheduling Using Simulated Annealing. , 2020, , .		3
7	Optimized Charge Scheduling of Plug-In Electric Vehicles using Modified Placement Algorithm. , 2019, , .		5
8	Smart Meter Data Analytics for Load Prediction using Extreme Learning Machines and Artificial Neural Networks. , 2019, , .		6
9	Comparison of P&O MPPT Based Solar PV System with Interleaved Boost Converter. , 2019, , .		9
10	Design and Simulation of Stand-alone DC Microgrid with Energy Storage System. , 2019, , .		1
11	A Novel One Stage Buck-Boost Inverter. , 2019, , .		1
12	Energy Management Control of DC Microgrid with Electric Vehicle and Hybrid Energy Storage System. , 2019, , .		3
13	Learning Automata based fuzzy MPPT controller for solar photovoltaic system under fast changing environmental conditions. Journal of Intelligent and Fuzzy Systems, 2017, 32, 3031-3041.	1.4	6
14	Variable step size Perturb and observe MPPT algorithm for standalone solar photovoltaic system. , 2017, , .		42
15	Development and implementation of arduino microcontroller based dual mode fire extinguishing robot. , 2017, , .		5
16	Modeling, Simulation and Analysis of Photovoltaic Modules under Partially Shaded Conditions. Indian Journal of Science and Technology, 2016, 9, .	0.7	7
17	A novel hybrid Maximum Power Point Tracking Technique using Perturb & Observe algorithm and Learning Automata for solar PV system. Energy, 2016, 112, 1096-1106.	8.8	76
18	Maximum power point tracking system for stand alone solar PV power system using Adaptive Neuro-Fuzzy Inference System. , 2016, , .		13

#	ARTICLE	IF	CITATIONS
19	Simulation of Incremental Conductance MPPT based two phase interleaved boost converter using MATLAB/Simulink. , 2015, , .		27
20	Simulation and analysis of stand-alone photovoltaic system with boost converter using MATLAB/Simulink. , 2014, , .		29
21	A 2.45GHz Sierpinski carpet edge-fed microstrip patch fractal antenna for WPT rectenna. , 2010, , .		0
22	A 2.45GHz Sierpinski Carpet edge-fed microstrip patch fractal antenna for WPT rectenna. , 2010, , .		0