

Hasan Masrur

List of Publications by Year in descending order

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papers

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31
all docs

31
docs citations

31
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance assessment of a hybrid complementary power system for sustainable electrification: A case study. <i>Sustainable Cities and Society</i> , 2022, 76, 103412.	5.1	11
2	Independent or complementary power system configuration: A decision making approach for sustainable electrification of an urban environment in Sierra Leone. <i>Energy</i> , 2022, 239, 122310.	4.5	5
3	Controlled V2Gs and battery integration into residential microgrids: Economic and environmental impacts. <i>Energy Conversion and Management</i> , 2022, 253, 115171.	4.4	24
4	An Optimized and Outage-Resilient Energy Management Framework for Multicarrier Energy Microgrids Integrating Demand Response. <i>IEEE Transactions on Industry Applications</i> , 2022, 58, 4171-4180.	3.3	15
5	Active and Reactive Power Management in the Smart Distribution Network Enriched with Wind Turbines and Photovoltaic Systems. <i>Sustainability</i> , 2022, 14, 4273.	1.6	11
6	Multi-Energy Microgrids Incorporating EV Integration: Optimal Design and Resilient Operation. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 3508-3518.	6.2	20
7	A simulation study of techno-economics and resilience of the solar PV irrigation system against grid outages. <i>Environmental Science and Pollution Research</i> , 2022, 29, 64846-64857.	2.7	8
8	Contributions of Smart City Projects to Resilience: Lessons Learned from Case Studies. <i>Urban Book Series</i> , 2022, , 171-187.	0.3	1
9	Assessing the Techno-Economic Impact of Derating Factors on Optimally Tilted Grid-Tied Photovoltaic Systems. <i>Energies</i> , 2021, 14, 1044.	1.6	13
10	A Comparative Design of a Campus Microgrid Considering a Multi-Scenario and Multi-Objective Approach. <i>Energies</i> , 2021, 14, 2853.	1.6	45
11	Multi-Attribute Decision-Making Approach for a Cost-Effective and Sustainable Energy System Considering Weight Assignment Analysis. <i>Sustainability</i> , 2021, 13, 5615.	1.6	6
12	Optimal and economic operation of microgrids to leverage resilience benefits during grid outages. <i>International Journal of Electrical Power and Energy Systems</i> , 2021, 132, 107137.	3.3	55
13	Resilience-Oriented Dispatch of Microgrids Considering Grid Interruptions. <i>IEEE Transactions on Applied Superconductivity</i> , 2021, 31, 1-5.	1.1	10
14	Optimal Design and Performance Analysis of a Hybrid Off-Grid Renewable Power System Considering Different Component Scheduling, PV Modules, and Solar Tracking Systems. <i>IEEE Access</i> , 2021, 9, 64393-64413.	2.6	33
15	Dispatch Strategy Based Optimized Design of an Offgrid Hybrid Microgrid Using Renewable Sources. , 2021, , .		2
16	Optimized Energy Management Schemes for Electric Vehicle Applications: A Bibliometric Analysis towards Future Trends. <i>Sustainability</i> , 2021, 13, 12800.	1.6	15
17	Resilience-aware Optimal Design and Energy Management Scheme of Multi-energy Microgrids. , 2021, , .		3
18	Robust Optimal Microgrid Management using a Virtual Battery System for Application to Unit Commitments. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Optimal Charging and Discharging of Electric Vehicles within Campus Microgrids. , 2021, , .		3
20	Optimal Sizing of a Microgrid System with EV Charging Station in Park & Ride Facility. , 2020, , .		6
21	Efficient Energy Delivery System of the CHP-PV Based Microgrids with the Economic Feasibility Study. International Journal of Emerging Electric Power Systems, 2020, 21, .	0.6	15
22	A Multi-Objective Optimization Approach towards a Proposed Smart Apartment with Demand-Response in Japan. Energies, 2020, 13, 127.	1.6	22
23	Analysis of Techno-Economic-Environmental Suitability of an Isolated Microgrid System Located in a Remote Island of Bangladesh. Sustainability, 2020, 12, 2880.	1.6	52
24	Optimal Operation of Resilient Microgrids During Grid Outages. , 2020, , .		5
25	Determining Optimal Tilt Angle to Maximize the PV Yield. , 2020, , .		3
26	Power Resilience Enhancement of a PV- Battery-Diesel Microgrid. , 2020, , .		4
27	Electric energy exchanges in interconnected regional utilities: A case study for a growing power system. International Journal of Electrical Power and Energy Systems, 2019, 107, 715-725.	3.3	9
28	Short term wind speed forecasting using Artificial Neural Network: A case study. , 2016, , .		10
29	A prospective model of Bangladesh electricity market. , 2016, , .		4
30	Automatic Generation Control of two area power system with optimized gain parameters. , 2015, , .		4