

Hasan Masrur

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

415
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31
all docs

31
docs citations

31
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal and economic operation of microgrids to leverage resilience benefits during grid outages. International Journal of Electrical Power and Energy Systems, 2021, 132, 107137.	3.3	55
2	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
3	A Comparative Design of a Campus Microgrid Considering a Multi-Scenario and Multi-Objective Approach. Energies, 2021, 14, 2853.	1.6	45
4	Optimal Design and Performance Analysis of a Hybrid Off-Grid Renewable Power System Considering Different Component Scheduling, PV Modules, and Solar Tracking Systems. IEEE Access, 2021, 9, 64393-64413.	2.6	33
5	Controlled V2Gs and battery integration into residential microgrids: Economic and environmental impacts. Energy Conversion and Management, 2022, 253, 115171.	4.4	24
6	A Multi-Objective Optimization Approach towards a Proposed Smart Apartment with Demand-Response in Japan. Energies, 2020, 13, 127.	1.6	22
7	Multi-Energy Microgrids Incorporating EV Integration: Optimal Design and Resilient Operation. IEEE Transactions on Smart Grid, 2022, 13, 3508-3518.	6.2	20
8	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
9	Optimized Energy Management Schemes for Electric Vehicle Applications: A Bibliometric Analysis towards Future Trends. Sustainability, 2021, 13, 12800.	1.6	15
10	An Optimized and Outage-Resilient Energy Management Framework for Multicarrier Energy Microgrids Integrating Demand Response. IEEE Transactions on Industry Applications, 2022, 58, 4171-4180.	3.3	15
11	Assessing the Techno-Economic Impact of Derating Factors on Optimally Tilted Grid-Tied Photovoltaic Systems. Energies, 2021, 14, 1044.	1.6	13
12	Performance assessment of a hybrid complementary power system for sustainable electrification: A case study. Sustainable Cities and Society, 2022, 76, 103412.	5.1	11
13	Active and Reactive Power Management in the Smart Distribution Network Enriched with Wind Turbines and Photovoltaic Systems. Sustainability, 2022, 14, 4273.	1.6	11
14	Short term wind speed forecasting using Artificial Neural Network: A case study. , 2016, , .		10
15	Resilience-Oriented Dispatch of Microgrids Considering Grid Interruptions. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	10
16	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
17	A simulation study of techno-economics and resilience of the solar PV irrigation system against grid outages. Environmental Science and Pollution Research, 2022, 29, 64846-64857.	2.7	8
18	Optimal Sizing of a Microgrid System with EV Charging Station in Park & Ride Facility. , 2020, , .		6

#	ARTICLE	IF	CITATIONS
19	Multi-Attribute Decision-Making Approach for a Cost-Effective and Sustainable Energy System Considering Weight Assignment Analysis. Sustainability, 2021, 13, 5615.	1.6	6
20	Optimal Operation of Resilient Microgrids During Grid Outages. , 2020, , .		5
21	Independent or complementary power system configuration: A decision making approach for sustainable electrification of an urban environment in Sierra Leone. Energy, 2022, 239, 122310.	4.5	5
22	Automatic Generation Control of two area power system with optimized gain parameters. , 2015, , .		4
23	A prospective model of Bangladesh electricity market. , 2016, , .		4
24	Power Resilience Enhancement of a PV- Battery-Diesel Microgrid. , 2020, , .		4
25	Determining Optimal Tilt Angle to Maximize the PV Yield. , 2020, , .		3
26	Resilience-aware Optimal Design and Energy Management Scheme of Multi-energy Microgrids. , 2021, , .		3
27	Optimal Charging and Discharging of Electric Vehicles within Campus Microgrids. , 2021, , .		3
28	Dispatch Strategy Based Optimized Design of an Offgrid Hybrid Microgrid Using Renewable Sources. , 2021, , .		2
29	Contributions of Smart City Projects to Resilience: Lessons Learned from Case Studies. Urban Book Series, 2022, , 171-187.	0.3	1
30	Robust Optimal Microgrid Management using a Virtual Battery System for Application to Unit Commitments. , 2021, , .		0