

Mohammad Faisal

List of Publications by Year in descending order

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21
papers

1,146
citations

1039880

9
h-index

1199470

12
g-index

21
all docs

21
docs citations

21
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Energy Storage System Technologies in Microgrid Applications: Issues and Challenges. IEEE Access, 2018, 6, 35143-35164.	2.6	434
2	A Review of Internet of Energy Based Building Energy Management Systems: Issues and Recommendations. IEEE Access, 2018, 6, 38997-39014.	2.6	177
3	Review on Scheduling, Clustering, and Forecasting Strategies for Controlling Electric Vehicle Charging: Challenges and Recommendations. IEEE Access, 2019, 7, 128353-128371.	2.6	158
4	Review of optimal methods and algorithms for sizing energy storage systems to achieve decarbonization in microgrid applications. Renewable and Sustainable Energy Reviews, 2020, 131, 110022.	8.2	130
5	Review of Electric Vehicle Converter Configurations, Control Schemes and Optimizations: Challenges and Suggestions. Electronics (Switzerland), 2021, 10, 477.	1.8	54
6	Binary Particle Swarm Optimization for Scheduling MG Integrated Virtual Power Plant Toward Energy Saving. IEEE Access, 2019, 7, 107937-107951.	2.6	50
7	Backtracking Search Algorithm Based Fuzzy Charging-Discharging Controller for Battery Storage System in Microgrid Applications. IEEE Access, 2019, 7, 159357-159368.	2.6	27
8	A review of controllers and optimizations based scheduling operation for battery energy storage system towards decarbonization in microgrid: Challenges and future directions. Journal of Cleaner Production, 2022, 360, 132188.	4.6	26
9	Fuzzy-Based Charging-Discharging Controller for Lithium-Ion Battery in Microgrid Applications. IEEE Transactions on Industry Applications, 2021, 57, 4187-4195.	3.3	22
10	PI controller and park's transformation based control of dynamic voltage restorer for voltage sag minimization. , 2014, , .		15
11	Short term wind speed forecasting using Artificial Neural Network: A case study. , 2016, , .		10
12	Development of Smart Energy Meter for Energy Cost Analysis of Conventional Grid and Solar Energy. , 2019, , .		10
13	Review on Solid-State Transfer Switch Configurations and Control Methods: Applications, Operations, Issues, and Future Directions. IEEE Access, 2020, 8, 182490-182505.	2.6	9
14	Review of Solid State Transfer Switch on Requirements, Standards, Topologies, Control, and Switching Mechanisms: Issues and Challenges. Electronics (Switzerland), 2020, 9, 1396.	1.8	9
15	Performance Analysis of Modified Three Phase Buck AC Voltage Regulator. , 2019, , .		4
16	Charging and Discharging Control of Li-Ion Battery Energy Management for Electric Vehicle Application. International Journal of Engineering and Technology(UAE), 2018, 7, 482.	0.2	3
17	State of Charge Estimation for Lithium-ion Battery Based on Random Forests Technique with Gravitational Search Algorithm. , 2018, , .		3
18	A Novel Approach of Reactive Power and Voltage Control in Grid Connected Wind Farms Using STATCOM. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
19	Design and Simulation of a Multiband Millimeter Wave Microstrip Patch Antenna Array for 5G Wireless Communication. , 2019, , .		2
20	Real Time Implementation of Fuzzy Based Charging-Discharging Controller for Lithium-ion Battery in Microgrid Applications. , 2020, , .		1
21	Air Conditioning for Smart Home Energy Management System. International Journal of Engineering and Technology(UAE), 2018, 7, 487.	0.2	0