Mohamed Mokhtar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/299600/publications.pdf

Version: 2024-02-01

19 papers	365 citations	1040056 9 h-index	1058476 14 g-index
19 all docs	19 docs citations	19 times ranked	292 citing authors

#	Article	IF	Citations
1	Data-Driven Detection of Electricity Theft Cyberattacks in PV Generation. IEEE Systems Journal, 2022, 16, 3349-3359.	4.6	16
2	A Dynamic Optimal Battery Swapping Mechanism for Electric Vehicles Using an LSTM-Based Rolling Horizon Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15218-15232.	8.0	18
3	Optimal Operation of Virtual Charging Systems for Plug-In Electric Vehicles. IEEE Systems Journal, 2022, 16, 4619-4628.	4.6	6
4	An Adaptive Load Frequency Control for Power Systems with Renewable Energy Sources. Energies, 2022, 15, 573.	3.1	8
5	Reliability Assessment under High Penetration of EVs including V2G Strategy. Energies, 2022, 15, 1585.	3.1	5
6	A New ANN-Based Cleaning Approach for Photovoltaic Solar Panels. , 2022, , .		1
7	Optimal operation of battery exchange stations for electric vehicles. Electric Power Systems Research, 2021, 192, 106935.	3.6	19
8	A Customer-Centered Smart Charging Strategy Considering Virtual Charging System. IEEE Access, 2021, 9, 117993-118004.	4.2	4
9	Optimal Day-ahead Operation for a PV-based Battery Swapping Station for Electric Vehicles. , 2021, , .		10
10	A Mobile Energy Storage Unit Serving Multiple EV Charging Stations. Energies, 2021, 14, 2969.	3.1	2
11	Hybrid SCA and adaptive controller to enhance the performance of grid-connected PV system. Ain Shams Engineering Journal, 2021, 12, 3775-3781.	6.1	20
12	Adaptive controllers for grid-connected DC microgrids. International Journal of Electrical Power and Energy Systems, 2021, 130, 106917.	5.5	26
13	A New Data-Based Dust Estimation Unit for PV Panels. Energies, 2020, 13, 3601.	3.1	10
14	A Control Strategy for Hybrid Islanded Microgrid. , 2019, , .		3
15	Performance Enhancing of Grid-Connected DC Microgrid. , 2019, , .		3
16	An Adaptive Droop Control Scheme for DC Microgrids Integrating Sliding Mode Voltage and Current Controlled Boost Converters. IEEE Transactions on Smart Grid, 2019, 10, 1685-1693.	9.0	139
17	Improved Current Sharing Techniques for DC Microgrids. Electric Power Components and Systems, 2018, 46, 757-767.	1.8	24
18	A control scheme for islanded and grid-connected DC microgrids. , 2017, , .		9

#	Article	IF	Citations
19	MPPT strategy based on speed control for AWS-based wave energy conversion system. Renewable Energy, 2015, 83, 305-317.	8.9	42