

# 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	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
2	MPPT strategy based on speed control for AWS-based wave energy conversion system. Renewable Energy, 2015, 83, 305-317.	8.9	42
3	Adaptive controllers for grid-connected DC microgrids. International Journal of Electrical Power and Energy Systems, 2021, 130, 106917.	5.5	26
4	Improved Current Sharing Techniques for DC Microgrids. Electric Power Components and Systems, 2018, 46, 757-767.	1.8	24
5	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
6	Optimal operation of battery exchange stations for electric vehicles. Electric Power Systems Research, 2021, 192, 106935.	3.6	19
7	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
8	Data-Driven Detection of Electricity Theft Cyberattacks in PV Generation. IEEE Systems Journal, 2022, 16, 3349-3359.	4.6	16
9	A New Data-Based Dust Estimation Unit for PV Panels. Energies, 2020, 13, 3601.	3.1	10
10	Optimal Day-ahead Operation for a PV-based Battery Swapping Station for Electric Vehicles. , 2021, , .		10
11	A control scheme for islanded and grid-connected DC microgrids. , 2017, , .		9
12	An Adaptive Load Frequency Control for Power Systems with Renewable Energy Sources. Energies, 2022, 15, 573.	3.1	8
13	Optimal Operation of Virtual Charging Systems for Plug-In Electric Vehicles. IEEE Systems Journal, 2022, 16, 4619-4628.	4.6	6
14	Reliability Assessment under High Penetration of EVs including V2G Strategy. Energies, 2022, 15, 1585.	3.1	5
15	A Customer-Centered Smart Charging Strategy Considering Virtual Charging System. IEEE Access, 2021, 9, 117993-118004.	4.2	4
16	A Control Strategy for Hybrid Islanded Microgrid. , 2019, , .		3
17	Performance Enhancing of Grid-Connected DC Microgrid. , 2019, , .		3
18	A Mobile Energy Storage Unit Serving Multiple EV Charging Stations. Energies, 2021, 14, 2969.	3.1	2

#	ARTICLE	IF	CITATIONS
19	A New ANN-Based Cleaning Approach for Photovoltaic Solar Panels. , 2022, , .		1