Omar Alrumayh

List of Publications by Year
in descending order

13 papers	**140** citations	1478505 **6** h-index	1372567 **10** g-index
13 all docs	**13** docs citations	**13** times ranked	**102** citing authors

#	Article	IF	Citations
1	Novel Flexibility Indices of Controllable Loads in Relation to EV and Rooftop PV. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 923-931.	8.0	2
2	Optimal Charging Infrastructure Portfolio for Minimizing Grid Impact of Plug-In Electric Vehicles. IEEE Transactions on Industrial Informatics, 2022, 18, 5712-5721.	11.3	6
3	A Review of DC-AC Converters for Electric Vehicle Applications. Energies, 2022, 15, 1241.	3.1	24
4	A Novel Hybrid Optimization-Based Algorithm for the Single and Multi-Objective Achievement With Optimal DG Allocations in Distribution Networks. IEEE Access, 2022, 10, 25669-25687.	4.2	27
5	Smart Energy Management in Virtual Power Plant Paradigm With a New Improved Multilevel Optimization Based Approach. IEEE Access, 2022, 10, 50062-50077.	4.2	9
6	An intelligent deep learning based prediction model for wind power generation. Computers and Electrical Engineering, 2022, 101, 108000.	4.8	10
7	On Various High-Order Newton-Like Power Flow Methods for Well and Ill-Conditioned Cases. Mathematics, 2021, 9, 2019.	2.2	3
8	A Novel Power Flow Solution Paradigm for Well and Ill-Conditioned Cases. IEEE Access, 2021, 9, 112425-112438.	4.2	5
9	Inclusion of Battery SoH Estimation in Smart Distribution Planning With Energy Storage Systems. IEEE Transactions on Power Systems, 2021, 36, 2323-2333.	6.5	2
10	Incentives for Demand Response and Flexibility Services Procured from Energy Storage Systems. , 2020, , .		0
11	Flexibility of Residential Loads for Demand Response Provisions in Smart Grid. , 2020, , .		0
12	Flexibility of Residential Loads for Demand Response Provisions in Smart Grid. IEEE Transactions on Smart Grid, 2019, 10, 6284-6297.	9.0	50
13	Model predictive control based home energy management system in smart grid. , 2015, , .		2