Ali Ehsan

List of Publications by Year
in descending order

22 papers	886 citations	840776 11 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	938 citing authors

#	Article	IF	Citations
1	Quantifying the impacts of heat decarbonisation pathways on the future electricity and gas demand. Energy, 2022, 254, 124229.	8.8	9
2	Expansion planning of electric power distribution systems with microgeneration and EV charging stations. , 2021, , 69-105.		1
3	Active Distribution System Reinforcement Planning With EV Charging Stations–Part II: Numerical Results. IEEE Transactions on Sustainable Energy, 2020, 11, 979-987.	8.8	16
4	Active Distribution System Reinforcement Planning With EV Charging Stations—Part I: Uncertainty Modeling and Problem Formulation. IEEE Transactions on Sustainable Energy, 2020, 11, 970-978.	8.8	60
5	Probabilistic Multi-Stability Assessment in Power Systems with Uncertain Wind Generation. , 2020, , .		3
6	Uncertainty Propagation through Integrated Gas and Electricity Networks using Sequential Monte-Carlo. , 2020, , .		2
7	State-of-the-art techniques for modelling of uncertainties in active distribution network planning: A review. Applied Energy, 2019, 239, 1509-1523.	10.1	170
8	Scenario-based planning of active distribution systems under uncertainties of renewable generation and electricity demand. CSEE Journal of Power and Energy Systems, 2019, , .	1.1	14
9	Coordinated Investment Planning of Distributed Multi-Type Stochastic Generation and Battery Storage in Active Distribution Networks. IEEE Transactions on Sustainable Energy, 2019, 10, 1813-1822.	8.8	74
10	Scenario-based investment planning of isolated multi-energy microgrids considering electricity, heating and cooling demand. Applied Energy, 2019, 235, 1277-1288.	10.1	68
11	On control law partitioning for nonlinear control of a quadrotor UAV. , 2018, , .		7
12	Optimal integration and planning of renewable distributed generation in the power distribution networks: A review of analytical techniques. Applied Energy, 2018, 210, 44-59.	10.1	332
13	Evaluation Model of Demand-Side Energy Resources in Urban Power Grid Based on Geographic Information. Applied Sciences (Switzerland), 2018, 8, 1491.	2.5	6
14	Stochastic Investment Planning Model of Multi-energy Microgrids considering Network Operational Uncertainties. , 2018, , .		1
15	An Electric Bus Power Consumption Model and Optimization of Charging Scheduling Concerning Multi-External Factors. Energies, 2018, 11, 2060.	3.1	48
16	Robust Active Distribution Network Planning considering Stochastic Renewable Distributed Generation. , 2018, , .		0
17	Multi-Objective Virtual Power Plant Construction Model Based on Decision Area Division. Applied Sciences (Switzerland), 2018, 8, 1484.	2.5	13
18	Robust Power Supply Restoration for Self-Healing Active Distribution Networks Considering the Availability of Distributed Generation. Energies, 2018, 11, 210.	3.1	8

#	Article	IF	Citations
19	A scenario‐based robust investment planning model for multi‐type distributed generation under uncertainties. IET Generation, Transmission and Distribution, 2018, 12, 4426-4434.	2.5	30
20	An analytical planning approach for determining the maximum penetration of renewable distributed generation in the distribution network. , 2017, , .		3
21	Robust distribution system planning considering the uncertainties of renewable distributed generation and electricity demand. , 2017, , .		8
22	Multi-Objective Optimized Aggregation of Demand Side Resources Based on a Self-organizing Map Clustering Algorithm Considering a Multi-Scenario Technique. Energies, 2017, 10, 2144.	3.1	13