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	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
2	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
3	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
4	Scenario-based investment planning of isolated multi-energy microgrids considering electricity, heating and cooling demand. Applied Energy, 2019, 235, 1277-1288.	10.1	68
5	Active Distribution System Reinforcement Planning With EV Charging Stationsâ€"Part I: Uncertainty Modeling and Problem Formulation. IEEE Transactions on Sustainable Energy, 2020, 11, 970-978.	8.8	60
6	An Electric Bus Power Consumption Model and Optimization of Charging Scheduling Concerning Multi-External Factors. Energies, 2018, 11, 2060.	3.1	48
7	A scenarioâ€based robust investment planning model for multiâ€type distributed generation under uncertainties. IET Generation, Transmission and Distribution, 2018, 12, 4426-4434.	2.5	30
8	Active Distribution System Reinforcement Planning With EV Charging Stationsâ€"Part II: Numerical Results. IEEE Transactions on Sustainable Energy, 2020, 11, 979-987.	8.8	16
9	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
10	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
11	Multi-Objective Virtual Power Plant Construction Model Based on Decision Area Division. Applied Sciences (Switzerland), 2018, 8, 1484.	2.5	13
12	Quantifying the impacts of heat decarbonisation pathways on the future electricity and gas demand. Energy, 2022, 254, 124229.	8.8	9
13	Robust distribution system planning considering the uncertainties of renewable distributed generation and electricity demand. , 2017, , .		8
14	Robust Power Supply Restoration for Self-Healing Active Distribution Networks Considering the Availability of Distributed Generation. Energies, 2018, 11, 210.	3.1	8
15	On control law partitioning for nonlinear control of a quadrotor UAV. , 2018, , .		7
16	Evaluation Model of Demand-Side Energy Resources in Urban Power Grid Based on Geographic Information. Applied Sciences (Switzerland), 2018, 8, 1491.	2.5	6
17	An analytical planning approach for determining the maximum penetration of renewable distributed generation in the distribution network. , 2017, , .		3
18	Probabilistic Multi-Stability Assessment in Power Systems with Uncertain Wind Generation. , 2020, , .		3

#	Article	IF	Citations
19	Uncertainty Propagation through Integrated Gas and Electricity Networks using Sequential Monte-Carlo. , 2020, , .		2
20	Stochastic Investment Planning Model of Multi-energy Microgrids considering Network Operational Uncertainties. , 2018, , .		1
21	Expansion planning of electric power distribution systems with microgeneration and EV charging stations. , 2021, , 69-105.		1
22	Robust Active Distribution Network Planning considering Stochastic Renewable Distributed Generation. , 2018, , .		0