

Mohammad Taghi Ameli

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

302
citations

840776

11
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Charging and Discharging of Electric Vehicles in Power Systems: An Updated and Detailed Review of Methods, Control Structures, Objectives, and Optimization Methodologies. Sustainability, 2022, 14, 2137.	3.2	50
2	Coordinated Operation of Natural Gas and Electricity Networks With Microgrid Aggregators. IEEE Transactions on Smart Grid, 2018, 9, 199-210.	9.0	41
3	Stochastic optimization model for coordinated operation of natural gas and electricity networks. Computers and Chemical Engineering, 2020, 142, 107060.	3.8	27
4	Co-optimization of resilient gas and electricity networks; a novel possibilistic chance-constrained programming approach. Applied Energy, 2021, 284, 116284.	10.1	26
5	Investing in flexibility in an integrated planning of natural gas and power systems. IET Energy Systems Integration, 2020, 2, 101-111.	1.8	20
6	Neural network-based power system dynamic state estimation using hybrid data from SCADA and phasor measurement units. International Transactions on Electrical Energy Systems, 2018, 28, e2481.	1.9	19
7	A fuzzy-logic-based control methodology for secure operation of a microgrid in interconnected and isolated modes. International Transactions on Electrical Energy Systems, 2017, 27, e2389.	1.9	16
8	Multi-stage Frequency Control of a Microgrid in the Presence of Renewable Energy Units. Electric Power Components and Systems, 2017, 45, 159-170.	1.8	13
9	Transmission network expansion planning based on hybridization model of neural networks and harmony search algorithm. International Journal of Industrial Engineering Computations, 2012, 3, 71-80.	0.7	12
10	Online Droop Tuning of a Multi-DG Microgrid Using Cuckoo Search Algorithm. Electric Power Components and Systems, 2015, 43, 1583-1595.	1.8	11
11	Resilient energy management incorporating energy storage system and network reconfiguration: A framework of cyber-physical system. IET Generation, Transmission and Distribution, 2023, 17, 1734-1749.	2.5	11
12	A fuzzy-based non-dominated sorting genetic algorithm-II for joint energy and reserves market clearing. Soft Computing, 2016, 20, 1161-1177.	3.6	9
13	A Novel Analytical Approach for Optimal Placement and Sizing of Distributed Generations in Radial Electrical Energy Distribution Systems. Sustainability, 2021, 13, 10224.	3.2	8
14	ANFIS-based non-dominated sorting genetic algorithm II for scenario-based joint energy and reserves market clearing considering TCSC device. International Transactions on Electrical Energy Systems, 2015, 25, 3349-3373.	1.9	6
15	A multi-agent based approach to power system dynamic state estimation by considering algebraic and dynamic state variables. Electric Power Systems Research, 2018, 163, 470-481.	3.6	6
16	Reliability analysis and role of energy storage in resiliency of energy systems. , 2021, , 399-416.		6
17	An agent-based approach to power system dynamic state estimation through dual unscented Kalman filter and artificial neural network. Soft Computing, 2019, 23, 12585-12606.	3.6	5
18	Secure Operation of Integrated Natural Gas and Electricity Transmission Networks. Energies, 2020, 13, 4954.	3.1	3

#	ARTICLE	IF	CITATIONS
19	Reliability and resiliency assessment in integrated gas and electricity systems in the presence of energy storage systems. , 2021, , 369-397.		3
20	Power System Challenges and Issues. Power Systems, 2021, , 1-17.	0.5	3
21	Impact of Local Emergency Demand Response Programs on the Operation of Electricity and Gas Systems. Energies, 2022, 15, 2144.	3.1	3
22	Information-Gap Decision Theory for Robust Operation of Integrated Electricity and Natural Gas Transmission Networks. , 2020, , .		1
23	Energy market and reserve market modeling in simultaneous and serial implementation methods with the aim of reducing electricity costs. International Journal of Industrial Engineering Computations, 2012, 3, 25-34.	0.7	1
24	Optimization of energy storage systems in energy markets. , 2021, , 65-87.		0