

Mehrdad Setayesh Nazar

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

769
citations

516710

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501196

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docs citations

38
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated framework for dynamic capacity withholding assessment considering commitment strategies of generation companies. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 134, 107321.	5.5	5
2	Optimal scheduling of self-healing distribution systems considering distributed energy resource capacity withholding strategies. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 136, 107662.	5.5	12
3	Provision of ancillary services in the electricity markets. , 2022, , 111-130.		0
4	Demand Response Program Integrated With Electrical Energy Storage Systems for Residential Consumers. <i>IEEE Systems Journal</i> , 2022, 16, 4313-4324.	4.6	10
5	Optimal scheduling of an active distribution system considering distributed energy resources, demand response aggregators and electrical energy storage. <i>Applied Energy</i> , 2022, 314, 118865.	10.1	12
6	Capacity withholding assessment of power systems considering coordinated strategies of virtual power plants and generation companies. <i>International Journal of Electrical Power and Energy Systems</i> , 2022, 141, 108212.	5.5	3
7	Optimal placement of fixed series compensation and phase shifting transformer in the multi-year generation and transmission expansion planning problem at the pool-based market for maximizing social welfare and reducing the investment costs. <i>IET Generation, Transmission and Distribution</i> , 2022, 16, 2959-2976.	2.5	5
8	Multi-level optimization framework for resilient distribution system expansion planning with distributed energy resources. <i>Energy</i> , 2021, 214, 118807.	8.8	23
9	Optimal Operation of Multi-carrier Energy Networks Considering Demand Response Programs. <i>Power Systems</i> , 2021, , 121-141.	0.5	0
10	Optimal resilient operation of multi-carrier energy systems in electricity markets considering distributed energy resource aggregators. <i>Applied Energy</i> , 2021, 299, 117271.	10.1	22
11	The Adaptive Neuro-Fuzzy Inference System Model for Short-Term Load, Price, and Topology Forecasting of Distribution System. <i>Power Systems</i> , 2021, , 321-343.	0.5	0
12	Optimal scheduling of distribution systems considering multiple downward energy hubs and demand response programs. <i>Energy</i> , 2020, 190, 116349.	8.8	60
13	Optimal Microgrid Operational Planning Considering Distributed Energy Resources. <i>Power Systems</i> , 2020, , 491-507.	0.5	4
14	A Dynamic Collusion Analysis Framework Considering Generation and Transmission Systems Maintenance Constraints. , 2020, , .		0
15	Combined heat and power units and network expansion planning considering distributed energy resources and demand response programs. <i>Energy Conversion and Management</i> , 2020, 211, 112776.	9.2	23
16	An integrated optimization framework for combined heat and power units, distributed generation and plug-in electric vehicles. <i>Energy</i> , 2020, 202, 117789.	8.8	20
17	Multi-stage Resilient Distribution System Expansion Planning Considering Non-utility Gas-Fired Distributed Generation. <i>Power Systems</i> , 2019, , 193-222.	0.5	1
18	Optimal expansion planning of active distribution system considering coordinated bidding of downward active microgrids and demand response providers. <i>IET Renewable Power Generation</i> , 2019, 13, 1291-1303.	3.1	11

#	ARTICLE	IF	CITATIONS
19	Probabilistic assessment of static voltage stability in distribution systems considering wind generation using catastrophe theory. IET Generation, Transmission and Distribution, 2019, 13, 2856-2865.	2.5	14
20	Optimal Robust Microgrid Expansion Planning Considering Intermittent Power Generation and Contingency Uncertainties. , 2019, , 177-198.		2
21	Distributed energy resource and network expansion planning of a CCHP based active microgrid considering demand response programs. Energy, 2019, 172, 79-105.	8.8	56
22	Multi-stage Primary-Secondary Planning Considering Wholesale-Retail Markets. Power Systems, 2018, , 115-142.	0.5	0
23	Probabilistic voltage stability assessment of distribution networks with wind generation using combined cumulants and maximum entropy method. International Journal of Electrical Power and Energy Systems, 2018, 95, 96-107.	5.5	32
24	Hierarchical framework for optimal operation of multiple microgrids considering demand response programs. Electric Power Systems Research, 2018, 165, 199-213.	3.6	22
25	Hybrid model using three-stage algorithm for simultaneous load and price forecasting. Electric Power Systems Research, 2018, 165, 214-228.	3.6	36
26	Probabilistic load flow computation using saddle-point approximation. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2017, 36, 48-61.	0.9	6
27	Coordination of heat and power scheduling in micro-grid considering inter-zonal power exchanges. Energy, 2017, 141, 519-536.	8.8	16
28	New framework for optimal scheduling of combined heat and power with electric and thermal storage systems considering industrial customers inter-zonal power exchanges. Energy, 2017, 138, 1006-1015.	8.8	16
29	An efficient linear model for optimal day ahead scheduling of CHP units in active distribution networks considering load commitment programs. Energy, 2017, 139, 798-817.	8.8	37
30	Optimal day ahead scheduling of combined heat and power units with electrical and thermal storage considering security constraint of power system. Energy, 2017, 120, 241-252.	8.8	67
31	Combined cumulants and Laplace transform method for probabilistic load flow analysis. IET Generation, Transmission and Distribution, 2017, 11, 3548-3556.	2.5	23
32	Capacity withholding assessment in the presence of integrated generation and transmission maintenance scheduling. IET Generation, Transmission and Distribution, 2017, 11, 3903-3911.	2.5	12
33	Arbitrage strategy of virtual power plants in energy, spinning reserve and reactive power markets. IET Generation, Transmission and Distribution, 2016, 10, 750-763.	2.5	76
34	Capacity withholding analysis in transmission-constrained electricity markets. IET Generation, Transmission and Distribution, 2016, 10, 487-495.	2.5	26
35	New indices of capacity withholding in power markets. International Transactions on Electrical Energy Systems, 2015, 25, 180-196.	1.9	16
36	A scenario driven multiobjective Primary-Secondary Distribution System Expansion Planning algorithm in the presence of wholesale-retail market. International Journal of Electrical Power and Energy Systems, 2012, 40, 29-45.	5.5	30

#	ARTICLE	IF	CITATIONS
37	Multiobjective electric distribution system expansion planning using hybrid energy hub concept. Electric Power Systems Research, 2009, 79, 899-911.	3.6	71