Mehrdad Setayesh Nazar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9157667/publications.pdf

Version: 2024-02-01

37 papers	769 citations	516710 16 h-index	501196 28 g-index
38 all docs	38 docs citations	38 times ranked	726 citing authors

#	Article	IF	Citations
1	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
2	Multiobjective electric distribution system expansion planning using hybrid energy hub concept. Electric Power Systems Research, 2009, 79, 899-911.	3.6	71
3	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
4	Optimal scheduling of distribution systems considering multiple downward energy hubs and demand response programs. Energy, 2020, 190, 116349.	8.8	60
5	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
6	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
7	Hybrid model using three-stage algorithm for simultaneous load and price forecasting. Electric Power Systems Research, 2018, 165, 214-228.	3.6	36
8	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
9	A scenario driven multiobjective Primaryâ€“Secondary Distribution System Expansion Planning algorithm in the presence of wholesaleâ€“retail market. International Journal of Electrical Power and Energy Systems, 2012, 40, 29-45.	5.5	30
10	Capacity withholding analysis in transmissionâ€constrained electricity markets. IET Generation, Transmission and Distribution, 2016, 10, 487-495.	2.5	26
11	Combined cumulants and Laplace transform method for probabilistic load flow analysis. IET Generation, Transmission and Distribution, 2017, 11, 3548-3556.	2.5	23
12	Combined heat and power units and network expansion planning considering distributed energy resources and demand response programs. Energy Conversion and Management, 2020, 211, 112776.	9.2	23
13	Multi-level optimization framework for resilient distribution system expansion planning with distributed energy resources. Energy, 2021, 214, 118807.	8.8	23
14	Hierarchical framework for optimal operation of multiple microgrids considering demand response programs. Electric Power Systems Research, 2018, 165, 199-213.	3.6	22
15	Optimal resilient operation of multi-carrier energy systems in electricity markets considering distributed energy resource aggregators. Applied Energy, 2021, 299, 117271.	10.1	22
16	An integrated optimization framework for combined heat and power units, distributed generation and plug-in electric vehicles. Energy, 2020, 202, 117789.	8.8	20
17	New indices of capacity withholding in power markets. International Transactions on Electrical Energy Systems, 2015, 25, 180-196.	1.9	16
18	Coordination of heat and power scheduling in micro-grid considering inter-zonal power exchanges. Energy, 2017, 141, 519-536.	8.8	16

#	Article	IF	Citations
19	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
20	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
21	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
22	Optimal scheduling of self-healing distribution systems considering distributed energy resource capacity withholding strategies. International Journal of Electrical Power and Energy Systems, 2022, 136, 107662.	5.5	12
23	Optimal scheduling of an active distribution system considering distributed energy resources, demand response aggregators and electrical energy storage. Applied Energy, 2022, 314, 118865.	10.1	12
24	Optimal expansion planning of active distribution system considering coordinated bidding of downward active microgrids and demand response providers. IET Renewable Power Generation, 2019, 13, 1291-1303.	3.1	11
25	Demand Response Program Integrated With Electrical Energy Storage Systems for Residential Consumers. IEEE Systems Journal, 2022, 16, 4313-4324.	4.6	10
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	An integrated framework for dynamic capacity withholding assessment considering commitment strategies of generation companies. International Journal of Electrical Power and Energy Systems, 2022, 134, 107321.	5.5	5
28	Optimal placement of fixed series compensation and phase shifting transformer in the multiâ€year generation and transmission expansion planning problem at the poolâ€based market for maximizing social welfare and reducing the investment costs. IET Generation, Transmission and Distribution, 2022, 16, 2959-2976.	2.5	5
29	Optimal Microgrid Operational Planning Considering Distributed Energy Resources. Power Systems, 2020, , 491-507.	0.5	4
30	Capacity withholding assessment of power systems considering coordinated strategies of virtual power plants and generation companies. International Journal of Electrical Power and Energy Systems, 2022, 141, 108212.	5.5	3
31	Optimal Robust Microgrid Expansion Planning Considering Intermittent Power Generation and Contingency Uncertainties. , 2019, , 177-198.		2
32	Multi-stage Resilient Distribution System Expansion Planning Considering Non-utility Gas-Fired Distributed Generation. Power Systems, 2019, , 193-222.	0.5	1
33	Multi-stage Primary-Secondary Planning Considering Wholesale-Retail Markets. Power Systems, 2018, , 115-142.	0.5	0
34	A Dynamic Collusion Analysis Framework Considering Generation and Transmission Systems Maintenance Constraints. , 2020, , .		0
35	Optimal Operation of Multi-carrier Energy Networks Considering Demand Response Programs. Power Systems, 2021, , 121-141.	0.5	0
36	The Adaptive Neuro-Fuzzy Inference System Model for Short-Term Load, Price, and Topology Forecasting of Distribution System. Power Systems, 2021, , 321-343.	0.5	0

#	Article	IF	Citations
37	Provision of ancillary services in the electricity markets. , 2022, , 111-130.		0