

Hossein Seifi

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,666
citations

361413

20
h-index

289244

40
g-index

53
all docs

53
docs citations

53
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic Valuation of Power Grid Frequency Security and the Participants Share Specification. IEEE Transactions on Power Systems, 2023, 38, 1487-1500.	6.5	1
2	A new approach for system-wide power system frequency model validation via measurement data. Engineering Reports, 2022, 4, e12446.	1.7	2
3	A Graph Theory-Based Approach to Detect False Data Injection Attacks in Power System AC State Estimation. IEEE Transactions on Industrial Informatics, 2021, 17, 2465-2475.	11.3	48
4	An Optimization-Based Approach to Recover the Detected Attacked Grid Variables After False Data Injection Attack. IEEE Transactions on Smart Grid, 2021, 12, 5322-5334.	9.0	11
5	Power System Frequency Security Index Considering All Aspects of Frequency Profile. IEEE Transactions on Power Systems, 2021, 36, 1656-1659.	6.5	25
6	Enhancing long-term voltage stability of a power system integrated with large-scale photovoltaic plants using a battery energy storage control scheme. International Journal of Electrical Power and Energy Systems, 2021, 131, 107059.	5.5	12
7	Voltage Sag Monitoring with Limited Measurements Based on Sparse Optimization. , 2021, , .		0
8	Dynamic Model Validation for Large-Scale Networks Using the Dominant Time Intervals. , 2020, , .		1
9	Technical valuation of generating units for participating in primary frequency control. International Journal of Electrical Power and Energy Systems, 2020, 118, 105826.	5.5	6
10	A Novel Adaptive Hierarchical Control Structure for Inverter Based DGs under Microgrid Dynamics. , 2019, , .		1
11	Midterm system level maintenance scheduling of transmission equipment using inspection based model. International Journal of Electrical Power and Energy Systems, 2019, 110, 467-476.	5.5	13
12	A new Approach for Parameter Estimation of Power System Equipment Models. , 2019, , .		1
13	Governor Parameter Estimation Considering Upper/Lower Production Limits. , 2019, , .		3
14	Quantitative model validation from the frequency perspective considering governor frequency ramp rate and activity range. International Journal of Electrical Power and Energy Systems, 2019, 107, 668-679.	5.5	6
15	Model Validation for Power System Frequency Analysis. SpringerBriefs in Energy, 2019, , .	0.3	8
16	A new mechanism for remedial action schemes design in a multi-area power system considering competitive participation of multiple electricity market players. International Journal of Electrical Power and Energy Systems, 2018, 103, 31-42.	5.5	11
17	Robust probabilistic optimal voltage sag monitoring in presence of uncertainties. IET Generation, Transmission and Distribution, 2016, 10, 4240-4248.	2.5	14
18	Seamless control scheme for distributed energy resources in microgrids. IET Generation, Transmission and Distribution, 2016, 10, 2756-2763.	2.5	19

#	ARTICLE	IF	CITATIONS
19	Maximum Penetration Level of Micro-Grids in Large-Scale Power Systems: Frequency Stability Viewpoint. IEEE Transactions on Power Systems, 2016, 31, 5163-5171.	6.5	79
20	Dynamic equivalencing of an active distribution network for large-scale power system frequency stability studies. IET Generation, Transmission and Distribution, 2015, 9, 2245-2254.	2.5	37
21	Application of Bayesian networks in composite power system reliability assessment and reliability-based analysis. IET Generation, Transmission and Distribution, 2015, 9, 1755-1764.	2.5	24
22	Market-based mechanism for multi-area power exchange management in a multiple electricity market. IET Generation, Transmission and Distribution, 2015, 9, 1662-1671.	2.5	16
23	Power System Stabilizer Services Pricing in an Electricity Market. Electric Power Components and Systems, 2015, 43, 2050-2058.	1.8	2
24	Incorporation of protection system failures into bulk power system reliability assessment by Bayesian networks. IET Generation, Transmission and Distribution, 2015, 9, 1226-1234.	2.5	23
25	Dynamic power system equivalence considering distributed energy resources using Prony analysis. International Transactions on Electrical Energy Systems, 2015, 25, 1539-1551.	1.9	10
26	Two-stage approach for optimal dispatch of distributed energy resources in distribution networks considering virtual power plant concept. International Transactions on Electrical Energy Systems, 2014, 24, 43-63.	1.9	42
27	Transmission cost allocation based on the users' benefits. International Journal of Electrical Power and Energy Systems, 2014, 61, 547-552.	5.5	14
28	Locational marginal pricing-based allocation of transmission capacity in multiple electricity markets. IET Generation, Transmission and Distribution, 2014, 8, 983-994.	2.5	14
29	A strength Pareto evolutionary algorithm-based conflict assessment framework of electricity market participants' objectives in generation maintenance scheduling. International Transactions on Electrical Energy Systems, 2013, 23, 342-363.	1.9	10
30	Decision making of a virtual power plant under uncertainties for bidding in a day-ahead market using point estimate method. International Journal of Electrical Power and Energy Systems, 2013, 44, 88-98.	5.5	189
31	A framework for PSS pricing as an ancillary service in a competitive electricity market. International Journal of Electrical Power and Energy Systems, 2013, 46, 221-227.	5.5	11
32	An integrated model for generation maintenance coordination in a restructured power system involving gas network constraints and uncertainties. International Journal of Electrical Power and Energy Systems, 2013, 46, 425-440.	5.5	7
33	Cobweb theory-based generation maintenance coordination in restructured power systems. IET Generation, Transmission and Distribution, 2013, 7, 1253-1262.	2.5	7
34	Maximum allowable penetration level determination of a DG in a distribution network. , 2012, , .		20
35	A Dynamic Approach for Distribution System Planning Considering Distributed Generation. IEEE Transactions on Power Delivery, 2012, 27, 1313-1322.	4.3	155
36	Pay-as-bid versus marginal pricing: The role of suppliers strategic behavior. International Journal of Electrical Power and Energy Systems, 2012, 42, 350-358.	5.5	20

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37	A Stochastic-Based Decision-Making Framework for an Electricity Retailer: Time-of-Use Pricing and Electricity Portfolio Optimization. IEEE Transactions on Power Systems, 2011, 26, 1808-1816.	6.5	163
38	New approach to gas network modeling in unit commitment. Energy, 2011, 36, 6243-6250.	8.8	28
39	Optimal retailer bidding in a DA market "a new method considering risk and demand elasticity. Energy, 2011, 36, 1332-1339.	8.8	28
40	Excitation robust control by nonlinear QFT. European Transactions on Electrical Power, 2011, 21, 1088-1109.	1.0	2
41	Electric Power System Planning. Power Systems, 2011, , .	0.5	160
42	Optimal decision making for Virtual Power Plant operation. , 2010, , .		11
43	Optimal selling price and energy procurement strategies for a retailer in an electricity market. Electric Power Systems Research, 2009, 79, 246-254.	3.6	120
44	A Multiyear Security Constrained Hybrid Generation-Transmission Expansion Planning Algorithm Including Fuel Supply Costs. IEEE Transactions on Power Systems, 2009, 24, 1609-1618.	6.5	65
45	A new algorithm for reactive power management and pricing in an open access environment. European Transactions on Electrical Power, 2008, 18, 109-126.	1.0	2
46	On the self-scheduling of a power producer in uncertain trading environments. Electric Power Systems Research, 2008, 78, 311-317.	3.6	33
47	The role of market pricing mechanism under imperfect competition. Decision Support Systems, 2008, 45, 267-277.	5.9	17
48	Electricity restructuring [the business scene]. IEEE Power and Energy Magazine, 2007, 5, 16-20.	1.6	21
49	Gaming Analysis in Joint Energy and Spinning Reserve Markets. IEEE Transactions on Power Systems, 2007, 22, 2074-2085.	6.5	64
50	A new reactive power planning procedure for Iranian Power Grid. Electric Power Systems Research, 2004, 72, 225-234.	3.6	18
51	Genetic based algorithm for active power filter allocation and sizing. Electric Power Systems Research, 2004, 71, 41-49.	3.6	55
52	An instantaneous power theory based control scheme for unified power flow controller in transient and steady state conditions. Electric Power Systems Research, 2003, 64, 175-180.	3.6	9
53	An intelligent tutoring system for a power plant simulator. Electric Power Systems Research, 2002, 62, 161-171.	3.6	8