

Saeed Lotfifard

List of Publications by Year in descending order

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40
papers

1,286
citations

516561

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41
all docs

41
docs citations

41
times ranked

1493
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Symmetrical Faults by Distance Relays During Power Swings. IEEE Transactions on Power Delivery, 2010, 25, 81-87.	2.9	133
2	Voltage Sag Data Utilization for Distribution Fault Location. IEEE Transactions on Power Delivery, 2011, 26, 1239-1246.	2.9	128
3	Modeling and Health Monitoring of DC Side of Photovoltaic Array. IEEE Transactions on Sustainable Energy, 2015, 6, 1245-1253.	5.9	128
4	Pareto Dominance-Based Multiobjective Optimization Method for Distribution Network Reconfiguration. IEEE Transactions on Smart Grid, 2016, 7, 1401-1410.	6.2	95
5	Control of Flywheel Energy Storage Systems in the Presence of Uncertainties. IEEE Transactions on Sustainable Energy, 2019, 10, 36-45.	5.9	76
6	Spatiotemporal Modeling of Wind Generation for Optimal Energy Storage Sizing. IEEE Transactions on Sustainable Energy, 2015, 6, 113-121.	5.9	74
7	Fault Section Identification in Smart Distribution Systems Using Multi-Source Data Based on Fuzzy Petri Nets. IEEE Transactions on Smart Grid, 2020, 11, 74-83.	6.2	68
8	Dynamic Model Predictive-Based Energy Management of DG Integrated Distribution Systems. IEEE Transactions on Power Delivery, 2013, 28, 2217-2227.	2.9	64
9	The Impacts of Distributed Energy Sources on Distribution Network Reconfiguration. IEEE Transactions on Energy Conversion, 2016, 31, 606-613.	3.7	64
10	Reconfiguration of Smart Distribution Systems With Time Varying Loads Using Parallel Computing. IEEE Transactions on Smart Grid, 2016, 7, 2713-2723.	6.2	62
11	Enhancement of Grid Connected PV Arrays Fault Ride Through and Post Fault Recovery Performance. IEEE Transactions on Smart Grid, 2019, 10, 546-555.	6.2	46
12	Tube-Based Model Predictive Control of Energy Storage Systems for Enhancing Transient Stability of Power Systems. IEEE Transactions on Smart Grid, 2018, 9, 6438-6447.	6.2	43
13	Distributed Dynamic State Estimation of Power Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 3395-3404.	7.2	34
14	Multi-Physics Graphical Model-Based Fault Detection and Isolation in Wind Turbines. IEEE Transactions on Smart Grid, 2018, 9, 5599-5612.	6.2	23
15	Scalable Coordinated Control of Energy Storage Systems for Enhancing Power System Angle Stability. IEEE Transactions on Sustainable Energy, 2018, 9, 763-770.	5.9	21
16	Multivariate Predictive Analytics of Wind Power Data for Robust Control of Energy Storage. IEEE Transactions on Industrial Informatics, 2016, 12, 1350-1360.	7.2	18
17	Secure Loss of Excitation Detection Method for Synchronous Generators During Power Swing Conditions. IEEE Transactions on Energy Conversion, 2018, 33, 1907-1916.	3.7	17
18	Sparsity-Based Short-Circuit Analysis of Power Distribution Systems With Inverter Interfaced Distributed Generators. IEEE Transactions on Power Systems, 2019, 34, 4857-4868.	4.6	17

#	ARTICLE	IF	CITATIONS
19	Enhancing Resilience of Distribution Networks by Coordinating Microgrids and Demand Response Programs in Service Restoration. IEEE Systems Journal, 2022, 16, 3048-3059.	2.9	17
20	Improving During and Postfault Response of Fuel Cells in Symmetrical and Asymmetrical Grid Fault Cases. IEEE Transactions on Sustainable Energy, 2018, 9, 1407-1418.	5.9	16
21	A Two-Stage Fault Location Identification Method in Multiarea Power Grids Using Heterogeneous Types of Data. IEEE Transactions on Industrial Informatics, 2019, 15, 4010-4020.	7.2	15
22	A Nonlinear Supplementary Controller for Transient Response Improvement of Distributed Generations in Micro-Grids. IEEE Transactions on Sustainable Energy, 2020, 11, 489-499.	5.9	13
23	Sparse Sensing Platform for Line-Outage Identification in Multiarea Power Systems. IEEE Transactions on Industrial Informatics, 2017, 13, 947-955.	7.2	12
24	DFIG Wind Generators Fault Diagnosis Considering Parameter and Measurement Uncertainties. IEEE Transactions on Sustainable Energy, 2018, 9, 792-804.	5.9	12
25	Over-current relay implementation assuring fast and secure operation in transient conditions. Electric Power Systems Research, 2012, 91, 1-8.	2.1	11
26	A Nonlinear Controller Design for Power Conversion Units in Islanded Micro-grids using Interconnection and Damping Assignment Tracking Control. IEEE Transactions on Sustainable Energy, 2021, 12, 284-292.	5.9	11
27	Stabilizer Design for Heterogeneous Types of Distributed Generators in Microgrids Operating in a Unified Control Mode. IEEE Systems Journal, 2018, 12, 3673-3682.	2.9	9
28	Current-only Directional Overcurrent Protection Using Postfault Current. , 2019, , .		8
29	Optimal Remedial Actions in Power Systems Considering Wind Farm Grid Codes and UPFC. IEEE Transactions on Industrial Informatics, 2020, 16, 7264-7274.	7.2	8
30	Robust Decentralized Control of Synchronous Generators for Improving Transient Stability of Multimachine Power Grids. IEEE Systems Journal, 2021, 15, 3470-3479.	2.9	8
31	Supplementary Controller for Seamless Transitions Between Microgrids Operation Modes. IEEE Transactions on Smart Grid, 2021, 12, 2102-2112.	6.2	8
32	Dynamic Zone Selection for Busbar Protection Based on Graph Theory and Boolean Algebra. IEEE Transactions on Power Delivery, 2020, 35, 1769-1778.	2.9	7
33	Scale-Free Cooperative Control of Inverter-Based Microgrids With General Time-Varying Communication Graphs. IEEE Transactions on Power Systems, 2022, 37, 2197-2207.	4.6	7
34	Improving Power Systems Transient Stability by Coordinated Control of Energy Storage Systems and Synchronous Generators in Presence of Measurement Noise. IEEE Systems Journal, 2020, 14, 1088-1097.	2.9	6
35	Quantifying the impact of unscheduled line outages on Locational Marginal Prices. , 2010, , .		3
36	Fault resilient multi-terminal high voltage direct current systems using distributed corrective power dispatch. IET Generation, Transmission and Distribution, 2019, 13, 4391-4399.	1.4	2

#	ARTICLE	IF	CITATIONS
37	Voltage sag data utilization for distribution fault location. , 2011, , .		1
38	Supplementary Controller for Inverter-Based Resources in Weak Power Grids. IEEE Transactions on Smart Grid, 2022, 13, 2886-2896.	6.2	1
39	Distributed Cooperative Voltage Control of Multiterminal High-Voltage DC Systems. IEEE Systems Journal, 2022, 16, 176-184.	2.9	0
40	Variable Frequency Transformer for Robust Control of Power Flow between Synchronous Power Networks. , 2020, , .		0