

Ghavameddin Nourbakhsh

List of Publications by Year in descending order

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52
papers

1,229
citations

687335

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h-index

677123

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all docs

52
docs citations

52
times ranked

1023
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution System State Estimation Using PV Separation Strategy in LV Feeders With High Levels of Unmonitored PV Generation. IEEE Systems Journal, 2023, 17, 684-695.	4.6	8
2	Anomaly Detection for Insider Attacks From Untrusted Intelligent Electronic Devices in Substation Automation Systems. IEEE Access, 2022, 10, 6629-6649.	4.2	8
3	A crest factor-based technique for the analysis of polluted insulator leakage current under harmonically distorted supply voltage. Electrical Engineering, 2021, 103, 1823-1836.	2.0	3
4	One-Step Multilayer Unbalanced Three-Phase DSE for LV Distribution Networks. IEEE Systems Journal, 2021, 15, 4403-4412.	4.6	3
5	Feature Selection for Precise Anomaly Detection in Substation Automation Systems. , 2021, , .		1
6	A New Distribution System State Estimation Technique Based on Direct Approach in Networks with Limited Measurements. , 2021, , .		0
7	Fault Detection for Low-Voltage Residential Distribution Systems With Low-Frequency Measured Data. IEEE Systems Journal, 2020, 14, 5265-5273.	4.6	8
8	A Fast Adequacy Analysis for Radial Distribution Networks Considering Reconfiguration and DGs. IEEE Transactions on Smart Grid, 2020, 11, 3896-3909.	9.0	16
9	From Load to Net Energy Forecasting: Short-Term Residential Forecasting for the Blend of Load and PV Behind the Meter. IEEE Access, 2020, 8, 224343-224353.	4.2	53
10	An enhanced breeding swarms algorithm for high dimensional optimisations. International Journal of Bio-Inspired Computation, 2020, 15, 181.	0.9	0
11	Solar Generation Estimation in Distribution Network Using Limited Measurements. , 2020, , .		2
12	SAIDI Constrained Economic Planning and Utilization of Central Storage in Rural Distribution Networks. IEEE Systems Journal, 2019, 13, 842-853.	4.6	17
13	Fault Detection in LV Distribution Networks Based on Augmented Complex Kalman Filter. , 2019, , .		7
14	The Impact of Loads Aggregation and Correlation in Distribution State Estimation. , 2019, , .		3
15	Do Real Life Visuals Help Students to Learn Engineering. , 2019, , .		1
16	Single iteration conditional based DSSE considering spatial and temporal correlation. International Journal of Electrical Power and Energy Systems, 2019, 107, 644-655.	5.5	13
17	A New Approach to Improve PV Power Injection in LV Electrical Systems Using DVR. IEEE Systems Journal, 2018, 12, 3324-3333.	4.6	24
18	Optimum electricity purchase scheduling for aggregator storage in a reliability framework for rural distribution networks. International Journal of Electrical Power and Energy Systems, 2018, 94, 363-373.	5.5	9

#	ARTICLE	IF	CITATIONS
19	Equivalent Circuit Model of Polluted Insulators with the Including Effect of Supply Voltage Harmonics. , 2018, , .		1
20	Impact of Voltage Harmonics on Condition Assessment of Polluted Insulator through a Simulation Model. , 2018, , .		1
21	Equivalent Circuit Model of Polluted Insulators with the Including Effect of Supply Voltage Harmonics. , 2018, , .		1
22	BLUESOUND: A New Resident Identification Sensor Using Ultrasound Array and BLE Technology for Smart Home Platform. IEEE Sensors Journal, 2017, 17, 1503-1512.	4.7	43
23	Spatial-temporal state estimation using CMCGD applied to distribution networks. , 2017, , .		3
24	Optimal Cooperative Management of Energy Storage Systems to Deal with Over- and Under-Voltages. Energies, 2017, 10, 293.	3.1	7
25	Value of concentrated solar power with thermal energy storage in the national electricity market of Australia. , 2016, , .		3
26	Storage optimum placement in distribution system including renewable energy resources. , 2016, , .		9
27	A Supervisory Load-Leveling Approach to Improve the Voltage Profile in Distribution Network. IEEE Transactions on Sustainable Energy, 2015, 6, 245-252.	8.8	7
28	Impact of electric energy storage scheduling on reliability of distribution system. , 2015, , .		8
29	Financially optimized scheduling of electric energy storage in presence of renewable energy resources. , 2015, , .		3
30	Impact of PV units in LV feeders on distribution system reliability. , 2014, , .		3
31	Application of anomaly technique in wind turbine bearing fault detection. , 2014, , .		5
32	Overvoltage and overloading prevention using coordinated PV inverters in distribution network. , 2014, , .		4
33	A frequency adaptive single-phase phase-locked loop with harmonic rejection. , 2014, , .		6
34	Improving the penetration level of PVs using DC link for residential buildings. Energy and Buildings, 2014, 72, 80-86.	6.7	11
35	Smart Robust Resources Control in LV Network to Deal With Voltage Rise Issue. IEEE Transactions on Sustainable Energy, 2013, 4, 1043-1050.	8.8	122
36	Smart Coordination of Energy Storage Units (ESUs) for Voltage and Loading Management in Distribution Networks. IEEE Transactions on Power Systems, 2013, 28, 4812-4820.	6.5	106

#	ARTICLE	IF	CITATIONS
37	A new distributed control strategy to coordinate multiple dstatcoms in LV network. , 2013, , .		2
38	Robust control algorithm for grid-interfaced three-phase inverters with high-bandwidth LCL filter. , 2013, , .		0
39	Load leveling in LV network using coordianted Energy Storage Units. , 2013, , .		1
40	A coordinated voltage support strategy for LV network with multiple DSTATCOMs. , 2013, , .		0
41	The application of BESS in load shedding scheme. , 2013, , .		1
42	Overvoltage prevention in LV smart grid using customer resources coordination. Energy and Buildings, 2013, 61, 387-395.	6.7	39
43	Establishing sustainable and reliable smart grids. , 2013, , .		4
44	Distribution tap changer adjustment to improve small-scale embedded generator penetration and mitigate voltage rise. , 2013, , .		2
45	A distributed control based coordination scheme of household PV systems for overvoltage prevention. , 2013, , .		5
46	Fault Detection in Wind Turbine: A Systematic Literature Review. Wind Engineering, 2013, 37, 535-547.	1.9	17
47	Chronological Categorization and Decomposition of Customer Loads. IEEE Transactions on Power Delivery, 2012, 27, 2270-2277.	4.3	16
48	Distribution feeder loads classification and decomposition. , 2012, , .		1
49	A reliability test system for educational purposes-basic results. IEEE Transactions on Power Systems, 1990, 5, 319-325.	6.5	41
50	A reliability test system for educational purposes-basic data. IEEE Transactions on Power Systems, 1989, 4, 1238-1244.	6.5	566
51	Probabilistic cable rating based on cable thermal environment studying. , 0, , .		7
52	Distributed Control and Management of Renewable Electric Energy Resources for Future Grid Requirements. , 0, , .		8