

Andrea Angioni

List of Publications by Year in descending order

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docs citations

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times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Pseudo-Measurements From New Power Profiles on State Estimation in Low-Voltage Grids. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 70-77.	4.7	78
2	Impact of Different Uncertainty Sources on a Three-Phase State Estimator for Distribution Networks. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 2200-2209.	4.7	70
3	Bayesian Approach for Distribution System State Estimation With Non-Gaussian Uncertainty Models. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 2957-2966.	4.7	53
4	A Low Cost PMU to Monitor Distribution Grids. , 2017, , .		49
5	Real-Time Monitoring of Distribution System Based on State Estimation. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 2234-2243.	4.7	39
6	Design and Implementation of a Substation Automation Unit. IEEE Transactions on Power Delivery, 2017, 32, 1133-1142.	4.3	25
7	Multiarea Parallel Data-Driven Three-Phase Distribution System State Estimation Using Synchrophasor Measurements. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6186-6202.	4.7	25
8	A distributed automation architecture for distribution networks, from design to implementation. Sustainable Energy, Grids and Networks, 2018, 15, 3-13.	3.9	19
9	Lessons learnt from real-time monitoring of the low voltage distribution network. Sustainable Energy, Grids and Networks, 2018, 15, 76-85.	3.9	19
10	Impact of heterogeneous measurements in the state estimation of unbalanced distribution networks. , 2013, , .		14
11	Impact of pseudo-measurements from new load profiles on state estimation in distribution grids. , 2014, , .		13
12	Coordinated voltage control in distribution grids with LTE based communication infrastructure. , 2015, , .		11
13	A Simple Calibration Procedure for an LPIT plus PMU System Under Off-Nominal Conditions. Energies, 2019, 12, 4645.	3.1	10
14	Bayesian distribution system state estimation in presence of non-Gaussian pseudo-measurements. , 2016, , .		7
15	A platform for testing monitoring systems for the power distribution grid. , 2014, , .		6
16	Design and test of a real time monitoring system based on a distribution system state estimation. , 2015, , .		5
17	Application of a testing platform to characterize dynamic monitoring systems for distribution grids. , 2015, , .		4
18	Instrumentation and measurement testing in the real-time lab for automation of complex power systems. IEEE Instrumentation and Measurement Magazine, 2018, 21, 17-24.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Effect of latency on state estimation uncertainty. , 2019, , .		4
20	Systematic method for the development of future active distribution network automation architectures. , 2015, , .		3
21	Effect of the reporting rate of synchrophasor measurements for distributed secondary control of AC microgrid. , 2017, , .		3
22	Service Restoration Algorithm for Distribution Grids under High Impact Low Probability Events. , 2020, , .		2
23	Specifying measurements' rates for monitoring of dynamic distribution grids. , 2016, , .		1
24	Towards a global evaluation of uncertainty for the monitoring of distribution grids. , 2017, , .		1
25	Experiences of Laboratory and Field Demonstrations of Distribution Network Congestion Management. , 2018, , .		1
26	Design and Implementation of a Substation Automation Unit. IEEE Transactions on Power Delivery, 2016, , 1-1.	4.3	0