

Matthias Stifter

List of Publications by Year in descending order

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29
papers

882
citations

1163117

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h-index

1474206

9
g-index

29
all docs

29
docs citations

29
times ranked

927
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytic Considerations and Design Basis for the IEEE Distribution Test Feeders. IEEE Transactions on Power Systems, 2018, 33, 3181-3188.	6.5	371
2	Interfacing Power System and ICT Simulators: Challenges, State-of-the-Art, and Case Studies. IEEE Transactions on Smart Grid, 2018, 9, 14-24.	9.0	77
3	Co-Simulation Training Platform for Smart Grids. IEEE Transactions on Power Systems, 2014, 29, 1989-1997.	6.5	59
4	Modeling Intelligent Energy Systems: Co-Simulation Platform for Validating Flexible-Demand EV Charging Management. IEEE Transactions on Smart Grid, 2013, 4, 1939-1947.	9.0	45
5	Towards a Semantic Driven Framework for Smart Grid Applications: Model-Driven Development Using CIM, IEC 61850 and IEC 61499. Informatik-Spektrum, 2013, 36, 58-68.	1.3	36
6	Online Reconfigurable Control Software for IEDs. IEEE Transactions on Industrial Informatics, 2013, 9, 1455-1465.	11.3	36
7	Applying open standards and open source software for smart grid applications: Simulation of distributed intelligent control of power systems. , 2011, , .		33
8	Steady-state co-simulation with PowerFactory. , 2013, , .		28
9	Co-simulation of components, controls and power systems based on open source software. , 2013, , .		28
10	Modeling intelligent energy systems: Co-Simulation platform for validating flexible-demand EV charging management. , 2014, , .		25
11	Multi-Task Logistic Low-Ranked Dirty Model for Fault Detection in Power Distribution System. IEEE Transactions on Smart Grid, 2020, 11, 786-796.	9.0	23
12	Framework for co-ordinated simulation of power networks and components in Smart Grids using common communication protocols. , 2011, , .		16
13	Real-Time Simulation and Hardware-in-the-Loop Testbed for Distribution Synchrophasor Applications. Energies, 2018, 11, 876.	3.1	13
14	Development and validation of a coordinated voltage controller using real-time simulation. , 2011, , .		12
15	Dynamic simulation of power system interaction with large electric vehicle fleet activities. , 2013, , .		11
16	Hybrid grids: ICT-based integration of electric power and gas grids - A standards perspective. , 2012, , .		10
17	Co-simulation of power systems, communication and controls. , 2014, , .		10
18	Analysis environment for low voltage networks. , 2011, , .		9

#	ARTICLE	IF	CITATIONS
19	Smart meter data as a basis for smart control in low voltage distribution networks. , 2013, , .		7
20	An environment for the coordinated simulation of power grids together with automation systems. , 2013, , .		6
21	A modular methodology for the development of urban energy planning support software. , 2013, , .		6
22	Methodology for creating composite standard load profiles based on real load profile analysis. , 2016, , .		5
23	Smart grid research infrastructures in Austria: Examples of available laboratories and their possibilities. , 2015, , .		4
24	Network and feeder assignment of smart meters based on communication and measurement data. , 2015, , .		3
25	PV penetration scenario generator based on maximum hosting capacity and statistic data. , 2015, , .		3
26	Phase preserving profile generation from measurement data by clustering and performance analysis: a tool for network planning and operation. Computer Science - Research and Development, 2018, 33, 145-155.	2.7	3
27	Smart Meter Test Stand for requirement analysis of advanced smart meter applications. , 2015, , .		2
28	Barriers and recommendations for enabling ICT based intra-grid control applications in smart grids. , 2012, , .		1
29	Linking statistical mobility data with electrical distribution network infrastructure for generating an agent population for multi-agent simulation of electric vehicles with Markov chains. , 2014, , .		0