

Matthias Stifter

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | Analytic Considerations and Design Basis for the IEEE Distribution Test Feeders. IEEE Transactions on Power Systems, 2018, 33, 3181-3188. | 6.5 | 371 |
| 3 | 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 |
| 4 | 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 |
| 5 | Real-Time Simulation and Hardware-in-the-Loop Testbed for Distribution Synchrophasor Applications. Energies, 2018, 11, 876. | 3.1 | 13 |
| 6 | Methodology for creating composite standard load profiles based on real load profile analysis. , 2016, , . | | 5 |
| 7 | Network and feeder assignment of smart meters based on communication and measurement data. , 2015, , . | | 3 |
| 8 | Smart Meter Test Stand for requirement analysis of advanced smart meter applications. , 2015, , . | | 2 |
| 9 | Smart grid research infrastructures in Austria: Examples of available laboratories and their possibilities. , 2015, , . | | 4 |
| 10 | PV penetration scenario generator based on maximum hosting capacity and statistic data. , 2015, , . | | 3 |
| 11 | 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 |
| 12 | Modeling intelligent energy systems: Co-Simulation platform for validating flexible-demand EV charging management. , 2014, , . | | 25 |
| 13 | Co-simulation of power systems, communication and controls. , 2014, , . | | 10 |
| 14 | Co-Simulation Training Platform for Smart Grids. IEEE Transactions on Power Systems, 2014, 29, 1989-1997. | 6.5 | 59 |
| 15 | 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 |
| 16 | An environment for the coordinated simulation of power grids together with automation systems. , 2013, , . | | 6 |
| 17 | Smart meter data as a basis for smart control in low voltage distribution networks. , 2013, , . | | 7 |
| 18 | Dynamic simulation of power system interaction with large electric vehicle fleet activities. , 2013, , . | | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Steady-state co-simulation with PowerFactory. , 2013, , . | | 28 |
| 20 | 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 |
| 21 | Online Reconfigurable Control Software for IEDs. IEEE Transactions on Industrial Informatics, 2013, 9, 1455-1465. | 11.3 | 36 |
| 22 | A modular methodology for the development of urban energy planning support software. , 2013, , . | | 6 |
| 23 | Co-simulation of components, controls and power systems based on open source software. , 2013, , . | | 28 |
| 24 | Barriers and recommendations for enabling ICT based intra-grid control applications in smart grids. , 2012, , . | | 1 |
| 25 | Hybrid grids: ICT-based integration of electric power and gas grids - A standards perspective. , 2012, , . | | 10 |
| 26 | Applying open standards and open source software for smart grid applications: Simulation of distributed intelligent control of power systems. , 2011, , . | | 33 |
| 27 | Framework for co-ordinated simulation of power networks and components in Smart Grids using common communication protocols. , 2011, , . | | 16 |
| 28 | Analysis environment for low voltage networks. , 2011, , . | | 9 |
| 29 | Development and validation of a coordinated voltage controller using real-time simulation. , 2011, , . | | 12 |