

Przemyslaw Koralewicz

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

200
citations

1163117

8
h-index

1474206

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14
all docs

14
docs citations

14
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Signal Impedance-Based Modeling and Mitigation of Resonance of Converter-Grid Systems. IEEE Transactions on Sustainable Energy, 2019, 10, 1439-1449.	8.8	36
2	Impedance Methods for Analyzing Stability Impacts of Inverter-Based Resources: Stability Analysis Tools for Modern Power Systems. IEEE Electrification Magazine, 2021, 9, 53-65.	1.8	33
3	Small-Signal Modeling and Design of Phase-Locked Loops Using Harmonic Signal-Flow Graphs. IEEE Transactions on Energy Conversion, 2020, 35, 600-610.	5.2	28
4	Data-Driven Dynamic Modeling in Power Systems: A Fresh Look on Inverter-Based Resource Modeling. IEEE Power and Energy Magazine, 2022, 20, 64-76.	1.6	21
5	Sequence Impedance Measurement of Utility-Scale Wind Turbines and Inverters â€“ Reference Frame, Frequency Coupling, and MIMO/SISO Forms. IEEE Transactions on Energy Conversion, 2022, 37, 75-86.	5.2	19
6	Identifying DQ-Domain Admittance Models of a 2.3-MVA Commercial Grid-Following Inverter via Frequency-Domain and Time-Domain Data. IEEE Transactions on Energy Conversion, 2021, 36, 2463-2472.	5.2	12
7	Multi-megawatt-scale power-hardware-in-the-loop interface for testing ancillary grid services by converter-coupled generation. , 2017, , .		9
8	Distributed Real-Time Simulation and its Applications to Wind Energy Research. , 2018, , .		9
9	Validating Performance Models for Hybrid Power Plant Control Assessment. Energies, 2019, 12, 4330.	3.1	9
10	Generic Multi-Frequency Modelling of Converter-Connected Renewable Energy Generators Considering Frequency and Sequence Couplings. IEEE Transactions on Energy Conversion, 2022, 37, 547-559.	5.2	8
11	Impedance Characterization of Utility-Scale Renewable Energy and Storage Systems. , 2019, , .		7
12	Test methodology for validation of multi-frequency models of renewable energy generators using small-signal perturbations. IET Renewable Power Generation, 2021, 15, 3564-3576.	3.1	5