Przemyslaw Koralewicz

List of Publications by Year
in descending order

12 papers	200 citations	1163117 8 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	176 citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	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
5	Test methodology for validation of multiâ€frequency models of renewable energy generators using smallâ€signal perturbations. IET Renewable Power Generation, 2021, 15, 3564-3576.	3.1	5
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	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
8	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
9	Validating Performance Models for Hybrid Power Plant Control Assessment. Energies, 2019, 12, 4330.	3.1	9
10	Impedance Characterization of Utility-Scale Renewable Energy and Storage Systems. , 2019, , .		7
11	Distributed Real-Time Simulation and its Applications to Wind Energy Research. , 2018, , .		9
12	Multi-megawatt-scale fower-hardware-in-the-loop interface for testing ancillary grid services by converter-coupled generation. , 2017, , .		9