

Xiangqi Zhu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Grid Voltage Control Analysis for Heavy-Duty Electric Vehicle Charging Stations. , 2021, , .		3
2	A Data-driven Pivot-point-based Time-series Feeder Load Disaggregation Method. , 2021, , .		0
3	Data-Driven Distribution System Load Modeling for Quasi-Static Time-Series Simulation. IEEE Transactions on Smart Grid, 2020, 11, 1556-1565.	9.0	6
4	A Data-Driven Pivot-Point-Based Time-Series Feeder Load Disaggregation Method. IEEE Transactions on Smart Grid, 2020, 11, 5396-5406.	9.0	11
5	Grid Impact Analysis of Heavy-Duty Electric Vehicle Charging Stations. , 2020, , .		18
6	Real-World Distribution System Modeling Framework for Transmission-and-Distribution Cosimulation. , 2020, , .		0
7	Grid Application and Controls Development for Medium-Voltage SiC-Based Grid Interconnects. , 2020, , .		3
8	Data-Driven Load Diversity and Variability Modeling for Quasi-Static Time-Series Simulation on Distribution Feeders. , 2019, , .		4
9	A Hierarchical VLSM-Based Demand Response Strategy for Coordinative Voltage Control Between Transmission and Distribution Systems. IEEE Transactions on Smart Grid, 2019, 10, 4838-4847.	9.0	35
10	Coordinative real-time sub-transmission voltage var control for reactive power regulation between transmission and distribution systems. IET Generation, Transmission and Distribution, 2019, 13, 2006-2014.	2.5	21
11	DWT-Based Aggregated Load Modeling and Evaluation for Quasi-Static Time-Series Simulation on Distribution Feeders. , 2018, , .		7
12	A Two-Step Load Disaggregation Algorithm for Quasi-static Time-series Analysis on Actual Distribution Feeders. , 2018, , .		5
13	Coordinative Voltage Control Strategy with Multiple Resources for Distribution Systems of High PV Penetration. , 2018, , .		2
14	Combined Transmission and Distribution Test System to Study High Penetration of Distributed Solar Generation. , 2018, , .		13
15	A Graphical Performance-Based Energy Storage Capacity Sizing Method for High Solar Penetration Residential Feeders. IEEE Transactions on Smart Grid, 2017, 8, 3-12.	9.0	33
16	A cost-benefit study of sizing residential PV and ES systems based on synthesized load profiles. , 2017, , .		6
17	Continuation power flow analysis for PV integration studies at distribution feeders. , 2017, , .		3
18	Voltage-load sensitivity matrix based demand response for voltage control in high solar penetration distribution feeders. , 2017, , .		15

#	ARTICLE	IF	CITATIONS
19	A Matlab-based home energy management algorithm development toolbox. , 2016, , .		1
20	Control strategies for residential microgrids during islanded situation. , 2016, , .		2
21	A probabilistic-based PV and energy storage sizing tool for residential loads. , 2016, , .		9
22	Smart hybrid house test systems in a solid-state transformer supplied microgrid. , 2015, , .		8