Blake Lundstrom

List of Publications by Year
in descending order

16 papers	238 citations	2258059 3 h-index	2053705 5 g-index
16 all docs	16 docs citations	16 times ranked	303 citing authors

#	Article	IF	Citations
1	Evaluation of Optimal Net Load Management in Microgrids Using Hardware-in-the-Loop Simulation. , 2022, , .		6
2	Distribution Feeder-Scale Fast Frequency Response via Optimal Coordination of Net-Load Resourcesâ€"Part II: Large-Scale Demonstration. IEEE Transactions on Smart Grid, 2021, 12, 1445-1454.	9.0	2
3	Optimal Power Hardware-in-the-Loop Interfacing: Applying Modern Control for Design and Verification of High-Accuracy Interfaces. IEEE Transactions on Industrial Electronics, 2021, 68, 10388-10399.	7.9	16
4	Distribution Feeder-Scale Fast Frequency Response via Optimal Coordination of Net-Load Resourcesâ€"Part I: Solution Design. IEEE Transactions on Smart Grid, 2021, 12, 1289-1302.	9.0	11
5	Isochronous Architecture-Based Voltage-Active Power Droop for Multi-Inverter Systems. IEEE Transactions on Smart Grid, 2021, 12, 1088-1103.	9.0	1
6	Systematic Characterization of Power Hardware-in-the-Loop Evaluation Platform Stability. , 2019, , .		5
7	Fast Primary Frequency Response using Coordinated DER and Flexible Loads: Framework and Residential-scale Demonstration. , 2018, , .		15
8	Data-Driven Residential Load Modeling and Validation in GridLAB-D. , 2017, , .		3
9	Evaluation of system-integrated smart grid devices using software- and hardware-in-the-loop. , 2016, , .		16
10	Evaluation of multiple inverter volt-VAR control interactions with realistic grid impedances. , 2015, , .		28
11	A Power Hardware-in-the-Loop Platform With Remote Distribution Circuit Cosimulation. IEEE Transactions on Industrial Electronics, 2015, 62, 2236-2245.	7.9	91
12	Viability and analysis of implementing only voltage-power droop for parallel inverter systems. , 2014, , .		7
13	Examining system-wide impacts of solar PV control systems with a power hardware-in-the-loop platform. , 2014, , .		5
14	An Advanced Platform for Development and Evaluation of Grid Interconnection Systems Using Hardware-in-the-Loop: Part III – Grid Interconnection System Evaluator. , 2013, , .		5
15	An overview of real time hardware-in-the-loop capabilities in digital simulation for electric microgrids. , 2013, , .		14
16	Implementation and validation of advanced unintentional islanding testing using power hardware-in-the-loop (PHIL) simulation. , 2013, , .		13