

Blake Lundstrom

List of Publications by Year in descending order

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Version: 2024-02-01

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