

Anderson F Hoke

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,226
citations

933447

10
h-index

1199594

12
g-index

40
all docs

40
docs citations

40
times ranked

1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Steady-State Analysis of Maximum Photovoltaic Penetration Levels on Typical Distribution Feeders. IEEE Transactions on Sustainable Energy, 2013, 4, 350-357.	8.8	197
2	Accounting for Lithium-Ion Battery Degradation in Electric Vehicle Charging Optimization. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2014, 2, 691-700.	5.4	186
3	Rapid Active Power Control of Photovoltaic Systems for Grid Frequency Support. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 1154-1163.	5.4	177
4	Electric vehicle charge optimization including effects of lithium-ion battery degradation. , 2011, , .		94
5	Active power control of photovoltaic power systems. , 2013, , .		81
6	Dynamic Capabilities of an Energy Storage-Embedded DFIG System. IEEE Transactions on Industry Applications, 2019, 55, 4124-4134.	4.9	45
7	Real-time photovoltaic plant maximum power point estimation for use in grid frequency stabilization. , 2015, , .		44
8	A power hardware-in-the-loop framework for advanced grid-interactive inverter testing. , 2015, , .		34
9	Ground Fault Overvoltage With Inverter-Interfaced Distributed Energy Resources. IEEE Transactions on Power Delivery, 2017, 32, 890-899.	4.3	34
10	Look-ahead economic dispatch of microgrids with energy storage, using linear programming. , 2013, , .		32
11	An Islanding Detection Test Platform for Multi-Inverter Islands Using Power HIL. IEEE Transactions on Industrial Electronics, 2018, 65, 7944-7953.	7.9	30
12	Evaluation of multiple inverter volt-VAR control interactions with realistic grid impedances. , 2015, , .		28
13	Maximizing lithium ion vehicle battery life through optimized partial charging. , 2013, , .		22
14	Island Power Systems With High Levels of Inverter-Based Resources: Stability and Reliability Challenges. IEEE Electrification Magazine, 2021, 9, 74-91.	1.8	20
15	A microgrid modeling and simulation platform for system evaluation on a range of time scales. , 2011, , .		19
16	Power hardware-in-the-loop testing of multiple photovoltaic inverters' volt-var control with real-time grid model. , 2016, , .		17
17	Estimation of solar photovoltaic energy curtailment due to volt-watt control. IET Renewable Power Generation, 2020, 14, 640-646.	3.1	15
18	Grid-Following Inverters and Synchronous Condensers: A Grid-Forming Pair?. , 2020, , .		12

#	ARTICLE	IF	CITATIONS
19	Maximizing the Benefits of Distributed Photovoltaics. Electricity Journal, 2012, 25, 55-67.	2.5	11
20	Reduced-Order Parameterized Short-Circuit Current Model of Inverter-Interfaced Distributed Generators. IEEE Transactions on Power Delivery, 2021, 36, 3671-3680.	4.3	11
21	Precise ROCOF estimation algorithm for low inertia power grids. Electric Power Systems Research, 2022, 209, 107968.	3.6	10
22	Power hardware-in-the-loop evaluation of PV inverter grid support on Hawaiian electric feeders. , 2017, , .		9
23	Seven Steps to a Smarter Grid. Electricity Journal, 2014, 27, 61-67.	2.5	8
24	Validating the test procedures described in UL 1741 SA and IEEE P1547.1. , 2018, , .		8
25	Experimental evaluation of load rejection over-voltage from grid-tied solar inverters. , 2015, , .		7
26	Study on the effect of solar irradiance intermittency mitigation on electric vehicle battery lifetime. , 2013, , .		6
27	Testing advanced photovoltaic inverters conforming to IEEE standard 1547 - Amendment 1. , 2014, , .		4
28	Impacts of inverter-based advanced grid support functions on islanding detection. , 2016, , .		4
29	Sizing SiC storage inverters for fast grid frequency support. , 2015, , .		1
30	A constant duty cycle control, single-phase inverter design for distributed static series compensators. , 2015, , .		1