Luis Herrera

List of Publications by Year
in descending order

14 papers	478 citations	1937632 4 h-index	2272907 4 g-index
14 all docs	14 docs citations	14 times ranked	489 citing authors

#	Article	IF	Citations
1	Characteristic Study and Time-Domain Discrete- Wavelet-Transform Based Hybrid Detection of Series DC Arc Faults. IEEE Transactions on Power Electronics, 2014, 29, 3103-3115.	7.9	172
2	Stability Analysis and Controller Design of DC Microgrids With Constant Power Loads. IEEE Transactions on Smart Grid, 2015, , 1-1.	9.0	127
3	FPGA-Based Detailed Real-Time Simulation of Power Converters and Electric Machines for EV HIL Applications. IEEE Transactions on Industry Applications, 2015, 51, 1702-1712.	4.9	56
4	Impact evaluation of series dc arc faults in dc microgrids. , 2015, , .		38
5	The detection of DC arc fault: Experimental study and fault recognition. , 2012, , .		24
6	Detection and Localization of Series Arc Faults in DC Microgrids Using Kalman Filter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2589-2596.	5.4	20
7	Parameter Identification Approach to Series DC Arc Fault Detection and Localization. , 2018, , .		9
8	Experimental Study of Series DC Arc in Distribution Systems. , 2018, , .		8
9	Modeling and circulating current control of MMC. , 2015, , .		7
10	Dual State - Parameter Estimation for Series Arc Fault Detection on a DC Microgrid. , 2020, , .		7
11	Detection of Series DC Arc on a Distribution Node using Discrete-Time Parameter Identification Techniques. , 2019, , .		5
12	Recursive Least Squares Parameter Estimation for DC Fault Detection and Localization. , 2019, , .		3
13	Modulation and control of MMC based multiterminal HVDC. , 2014, , .		2
14	Energy Storage Controller Design to Mitigate Impact of Pulsed Power Loads. , 2019, , .		0