

LuÃ-s Fernando CorrÃªa Monteiro

List of Publications by Year in descending order

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272
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitigation of Low-Frequency Oscillations by Tuning Single-Phase Phase-Locked Loop Circuits. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 132-151.	0.2	1
2	The Role of Front-End AC/DC Converters in Hybrid AC/DC Smart Homes: Analysis and Experimental Validation. Electronics (Switzerland), 2021, 10, 2601.	1.8	12
3	Grid-Forming MMC: A Comparison Between Single- and Dual-Loop Control Approaches. , 2021, , .		6
4	A Review on Power Electronics Technologies for Power Quality Improvement. Energies, 2021, 14, 8585.	1.6	23
5	A linearized small-signal Thevenin-equivalent model of a voltage-controlled modular multilevel converter. Electric Power Systems Research, 2020, 182, 106231.	2.1	10
6	Power Electronics Converters for an Electric Vehicle Fast Charging Station with Energy Storage System and Renewable Energy Sources. EAI Endorsed Transactions on Energy Web, 2020, 7, 161749.	0.3	3
7	On the effects of hyper-parameters adjustments to the PSO-GMPPT algorithm for a photovoltaic system under partial shading conditions. EAI Endorsed Transactions on Energy Web, 2020, 7, 160981.	0.3	1
8	Experimental Evaluation of a Control System Based on a Dual-DSP Architecture for a Unified Power Quality Conditioner. Energies, 2019, 12, 1694.	1.6	4
9	A Selective Harmonic Compensation with Current Limiting Algorithm. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 103-118.	0.2	0
10	On the Effects of Parameter Adjustment on the Performance of PSO-Based MPPT of a PV-Energy Generation System. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 175-192.	0.2	0
11	Improvements on the Incremental Conductance MPPT Method Applied to a PV String with Single-Phase to Three-Phase Converter for Rural Grid Applications. Advances in Electrical and Computer Engineering, 2019, 19, 63-70.	0.5	3
12	Power Electronics Converters for an Electric Vehicle Fast Charging Station with Storage Capability. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 119-130.	0.2	4
13	Integration Control Strategy for Voltage Source Inverter. , 2018, , .		1
14	Single-Phase to Three-Phase Conversion System. , 2018, , .		0
15	New Trends in Active Power Filter for Modern Power Grids. , 2018, , .		4
16	Fault location in distribution systems from analysis of the energy of sequence component waveforms. IET Generation, Transmission and Distribution, 2018, 12, 1951-1960.	1.4	7
17	Considerations on one cycle control technique. , 2017, , .		1
18	Fast response one-cycle control strategy for three-phase shunt active power filter. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Fast response one cycle control strategy for APF. , 2017, , .		0
20	A novel current harmonic compensation based on resonant controllers for a selective active filter. , 2016, , .		5
21	Selective harmonic elimination for modular 5-level MLC ² topology based 7-level inverter by using genetic algorithms. , 2016, , .		2
22	A single-phase active filter with cascaded multilevel inverter modelled as a complementarity problem. , 2016, , .		2
23	Control algorithms based on the active and non-active currents for a UPQC without series transformers. IET Power Electronics, 2016, 9, 1985-1994.	1.5	24
24	Novel control algorithm for a unified power quality conditioner connected to a radial grid. , 2015, , .		1
25	Control algorithms for a unified power quality conditioner based on three-level converters. International Transactions on Electrical Energy Systems, 2015, 25, 2394-2411.	1.2	12
26	A novel concept of unidirectional bridgeless combined boost-buck converter for EV battery chargers. , 2015, , .		5
27	MPPT algorithm for PV array connected to a Hybrid Generation System. , 2015, , .		2
28	A novel architecture of a bidirectional bridgeless interleaved converter for EV battery chargers. , 2015, , .		3
29	Control algorithms for a transformerless hybrid active filter without current sensors. , 2014, , .		5
30	Comparison of current-source and voltage-source Shunt Active Power Filters for harmonic compensation and reactive power control. , 2012, , .		17
31	A three-phase four-wire Unified Power Quality Conditioner without series transformers. , 2012, , .		5
32	Instantaneous p&q power theory for control of compensators in micro-grids. , 2010, , .		31
33	Nineteen multilevel asymmetric cascaded with an improved modulation strategy. , 2010, , .		1
34	A novel selective control algorithm for the shunt active filter. , 2010, , .		8
35	Comparisons between synchronizing circuits to control algorithms for single-phase active converters. , 2009, , .		8
36	Compensation algorithms based on the p-q and CPC theories for switching compensators in micro-grids. , 2009, , .		25

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37	A control strategy for a three-phase four-wire shunt active filter. , 2008, , .		13
38	A comparative analysis of cascaded-multilevel hybrid filters applied in power transmission systems. Controle and Automacao, 2008, 19, 107-113.	0.2	3
39	Experimental Results of a Single-Phase Shunt Active Filter Prototype with Different Switching Techniques. , 2007, , .		9
40	A Combined Series Active Filter and Passive Filters for Harmonics, Unbalances and Flicker Compensation. , 2007, , .		12
41	Shunt Active Power Filter with Dynamic Output Current Limitation. , 2007, , .		10
42	Single phase shunt active filter with digital control. Renewable Energy and Power Quality Journal, 2007, 1, 619-624.	0.2	7
43	3-phase 4-wire shunt active power filter with renewable energy interface. Renewable Energy and Power Quality Journal, 2007, 1, 625-630.	0.2	38
44	Developed power quality monitor used for shunt active power filter studies. Renewable Energy and Power Quality Journal, 2007, 1, 631-637.	0.2	0
45	A Simplified Control Strategy for a Unified Power Quality Conditioner Prototype. , 2005, , .		8
46	A control strategy for unified power quality conditioner. , 0, , .		38
47	Control strategies for series and shunt active filters. , 0, , .		20