

Bruno Exposto

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

369
citations

2257263

3
h-index

2272555

4
g-index

25
all docs

25
docs citations

25
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Bidirectional battery charger with Grid-to-Vehicle, Vehicle-to-Grid and Vehicle-to-Home technologies. , 2013, , .		86
2	Improved Vehicle-to-Home (iV2H) Operation Mode: Experimental Analysis of the Electric Vehicle as Off-Line UPS. IEEE Transactions on Smart Grid, 2017, 8, 2702-2711.	6.2	71
3	Assessment of a battery charger for Electric Vehicles with reactive power control. , 2012, , .		63
4	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
5	Comprehensive comparison of a current-source and a voltage-source converter for three-phase EV fast battery chargers. , 2015, , .		22
6	Comparison of current-source and voltage-source Shunt Active Power Filters for harmonic compensation and reactive power control. , 2012, , .		17
7	On-board electric vehicle battery charger with enhanced V2H operation mode. , 2014, , .		13
8	Three-phase current-source shunt active power filter with solar photovoltaic grid interface. , 2015, , .		10
9	Smart Charging Management for Electric Vehicle Battery Chargers. , 2014, , .		9
10	Predictive control of a current-source inverter for solar photovoltaic grid interface. , 2015, , .		9
11	Three Phase Four Wire Shunt Active Power Filter from theory to industrial facility tests. , 2011, , .		6
12	Three-phase three-level current-source converter for EVs fast battery charging systems. , 2015, , .		6
13	A novel concept of unidirectional bridgeless combined boost-buck converter for EV battery chargers. , 2015, , .		5
14	Current-Source Shunt Active Power Filter with Periodic-Sampling Modulation Technique. , 2012, , .		4
15	Evaluation of a Shunt Active Power Filter with energy backup capability. , 2013, , .		4
16	Implementation and comparison of different switching techniques for shunt active power filters. , 2014, , .		4
17	Single phase NPC inverter controller with integrated MPPT for PV grid connection. , 2016, , .		4
18	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

#	ARTICLE	IF	CITATIONS
19	A novel architecture of a bidirectional bridgeless interleaved converter for EV battery chargers. , 2015, , .		3
20	Evaluation of two fundamental Positive-Sequence Detectors for highly distorted and unbalanced systems. , 2011, , .		2
21	A simplified methodology for parameters measurement of an Axial Flux Permanent Magnet motor without neutral point. , 2012, , .		2
22	A Novel Single-Phase Shunt Active Power Filter Based on a Current-Source Converter with Reduced Dc-Link. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 269-280.	0.2	1
23	Power Outage Detection Methods for the Operation of a Shunt Active Power Filter as Energy Backup System. IFIP Advances in Information and Communication Technology, 2014, , 409-416.	0.5	0
24	Various strategies comparison of NPC inverter current control connected to the grid for photovoltaic system. , 2014, , .		0
25	Renewable Energy System for an Isolated Sustainable Social Centre. Lecture Notes in Electrical Engineering, 2017, , 701-711.	0.3	0