

Leonardo Palma

List of Publications by Year in descending order

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28
papers

654
citations

1478505

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1588992

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28
docs citations

28
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a Wide Input Range DC-DC Converter With a Robust Power Control Scheme Suitable for Fuel Cell Power Conversion. IEEE Transactions on Industrial Electronics, 2008, 55, 1247-1255.	7.9	215
2	A Modular Fuel Cell, Modular DC-DC Converter Concept for High Performance and Enhanced Reliability. IEEE Transactions on Power Electronics, 2009, 24, 1437-1443.	7.9	114
3	Analysis of Common-Mode Voltage in Utility-Interactive Fuel Cell Power Conditioners. IEEE Transactions on Industrial Electronics, 2009, 56, 20-27.	7.9	45
4	Use of Web-Based Materials to Teach Electric Circuit Theory. IEEE Transactions on Education, 2005, 48, 729-734.	2.4	36
5	An inverter output filter to mitigate dV/dt effects in PWM drive system. , 0, , .		35
6	A High Gain Transformer-Less DC-DC Converter for Fuel-Cell Applications. , 0, , .		34
7	An approach to improve battery run-time in mobile applications with supercapacitors. , 0, , .		24
8	A modular fuel cell with hybrid energy storage. , 2011, , .		23
9	Design Considerations for a Fuel Cell Powered DC-DC Converter for Portable Applications. , 0, , .		21
10	A Hybrid DC-DC Converter for Fuel Cells Powered Laptop Computers. , 0, , .		14
11	Analysis of DC-DC Converter Stability in Fuel Cell Powered Portable Electronic Systems. , 0, , .		14
12	Design considerations for fuel cell powered UPS. IEEE Applied Power Electronics Conference and Exposition, 2008, , .	0.0	12
13	A converter topology to interface low voltage Solar/Fuel Cell type energy sources to electric utility. , 2008, , .		11
14	A Modular Fuel Cell, Modular DC-DC Converter Concept for High Performance and Enhanced Reliability. , 2007, , .		8
15	The role of supercapacitors in designing fuel cell powered portable applications. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	8
16	An Integrated Silicon Carbide (SiC) Based Single Phase Rectifier with Power Factor Correction. , 0, , .		7
17	Push-pull based single stage PV microinverter for grid-tied modules. , 2016, , .		7
18	A cost effective power converter to improve CO tolerance in PEM fuel cell power systems. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	6

#	ARTICLE	IF	CITATIONS
19	Analysis of Common Mode Voltage in Fuel Cell Power Conditioners Connected to Electric Utility. , 2006, , .		5
20	Current source converter topology selection for low frequency ripple current reduction in PEM fuel cell applications. , 2013, , .		4
21	Analysis of supercapacitor connection to PV power conditioning systems for improved performance. , 2015, , .		3
22	Design and sizing of short term energy storage for a PV system. , 2017, , .		3
23	Development of a power converter to improve CO tolerance in proton exchange membrane fuel cells. IET Renewable Power Generation, 2017, 11, 314-319.	3.1	2
24	A Modular Fuel Cell, Modular DC-DC Converter Concept for High Performance and Enhanced Reliability. ECS Transactions, 2008, 12, 603-608.	0.5	1
25	An e-learning Platform to Increase Photovoltaic Technology Community Outreach and to Train Technicians and System Designers. , 2018, , .		1
26	Design and Sizing of Energy Storage for Grid Connected PV Power Plants. , 2018, , .		1
27	A dual connected passive filter scheme for PWM converters. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	0
28	Modular Z-source DC-DC converter based multilevel power conditioning system for PV applications. , 2015, , .		0