

Lajos TÁJRÁJK

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

124
citations

2258059

3
h-index

2550090

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g-index

20
all docs

20
docs citations

20
times ranked

82
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonance Reduction for AC Drives With Small Capacitance in the DC Link. IEEE Transactions on Industry Applications, 2017, 53, 3814-3820.	4.9	36
2	Modeling and Control of Three-Phase Grid-Connected Power Supply With a Small DC-Link Capacitor for Electrolyzers. IEEE Transactions on Industry Applications, 2017, 53, 4634-4643.	4.9	10
3	Implementation of PLL and FLL trackers for signals with high harmonic content and low sampling frequency. , 2014, , .		9
4	Resonance reduction for AC drives with small capacitance in the DC link. , 2016, , .		9
5	Efficiency and cost comparison of Si IGBT and SiC JFET isolated DC/DC converters. , 2013, , .		8
6	A Novel High Bandwidth Current Control Strategy for SiC mosfet Based Active Front-End Rectifiers Under Unbalanced Input Voltage Conditions. IEEE Transactions on Industrial Electronics, 2017, 64, 8310-8320.	7.9	8
7	Robust control of boost PFC converter using adaptive PLL for line synchronization. , 2013, , .		7
8	High output LED-based profile lighting fixture. , 2011, , .		6
9	High efficiency electrolyser power supply for household hydrogen production and storage systems. , 2015, , .		6
10	Digital fuzzy logic and PI control of phase-shifted full-bridge current-doubler converter. , 2011, , .		5
11	Voltage ripple compensation for grid connected electrolyser power supply using small DC link capacitor. , 2014, , .		5
12	5kW phase-shifted full-bridge converter with current doubler using normally-off SiC JFETs designed for 98% efficiency. , 2013, , .		4
13	Innovative use of power integrated modules for DC power supplies. , 2013, , .		2
14	Modelling and control of three-phase grid-connected power supply with small DC-link capacitor for electrolyzers. , 2016, , .		2
15	Monitoring Performance Indicators of PEM Fuel Cell Backup Power Systems. , 2018, , .		2
16	Effect of voltage sags on digitally controlled line connected switched-mode power supplies. , 2012, , .		1
17	Innovative digitally controlled particle accelerator magnet power supply. , 2013, , .		1
18	Estimation of membrane hydration status for active proton exchange membrane fuel cell systems by impedance measurement: Start-up time measurements. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Stability analysis of a three-phase grid-connected DC power supply with small DC-link capacitor and voltage feed-forward compensation. , 2017, , .		1
20	Bidirectional Operation of High Efficiency Isolated DC-DC Converter in Fuel Cell Telecom Back-up Systems. , 2018, , .		1