StanisÅ‚aw PirÃ³g

List of Publications by Year
in descending order

20 papers	256 citations	1163117 8 h-index	1058476 14 g-index
20 all docs	20 docs citations	20 times ranked	226 citing authors

#	Article	IF	Citations
1	High Efficiency DCâ€“DC Boost Converter With Passive Snubber and Reduced Switching Losses. IEEE Transactions on Industrial Electronics, 2022, 69, 2500-2510.	7.9	11
2	Power Supply and Reactive Power Compensation of a Single-Phase Higher Frequency On-Board Grid with Photovoltaic Inverter. Energies, 2022, 15, 2563.	3.1	2
3	High-Gain Switched-Capacitor DC-DC Converter With Low Count of Switches and Low Voltage Stress of Switches. IEEE Access, 2021, 9, 114267-114281.	4.2	8
4	Proportional-Resonant Controller Structure with Finite Gain for Three-Phase Grid-Tied Converters. Energies, 2021, 14, 6726.	3.1	8
5	An Active Power Filter with Energy Storage and Double DC Conversion for Power Surge Compensation. Electronics (Switzerland), 2020, 9, 1489.	3.1	2
6	Unipolar Modulation for a BLDC Motor With Simultaneously Switching of Two Transistors With Closed Loop Control for Four-Quadrant Operation. IEEE Transactions on Industrial Informatics, 2018, 14, 146-155.	11.3	13
7	Efficiency Analysis of MOSFET-Based Air-Choke Resonant DCâ€“DC Step-Up Switched-Capacitor Voltage Multipliers. IEEE Transactions on Industrial Electronics, 2017, 64, 8728-8738.	7.9	35
8	NPC three level inverter with dual DC bus for independent distributed generators. Neutral-point voltage balancing under the input power imbalance. , 2017, , .		1
9	Switching strategies of a resonant switched-capacitor voltage multiplier. , 2017, , .		6
10	Switched Capacitor-Based Power Electronic Converterâ€”Optimization of High Frequency Resonant Circuit Components. Studies in Systems, Decision and Control, 2017, , 361-378.	1.0	11
11	One phase active filter with energy storage for active power surge compensation in feed line. Archives of Electrical Engineering, 2016, 65, 221-234.	1.0	3
12	High Power Thyristor-Based DC-DC Switched-Capacitor Voltage Multipliers. Basic Concept And Novel Derived Topology with A Reduced Number of Switches.. IEEE Transactions on Power Electronics, 2015, , 1-1.	7.9	23
13	A Novel Speed Measurement Method for a High-Speed BLDC Motor Based on the Signals From the Rotor Position Sensor. IEEE Transactions on Industrial Informatics, 2014, 10, 84-91.	11.3	56
14	DC-DC boost-flyback converter functioning as input stage for one phase low power grid-connected inverter. Archives of Electrical Engineering, 2014, 63, 393-407.	1.0	5
15	Determining the mechanical losses in a high-speed motor on the example of a flywheel energy storage system. Archiwum Elektrotechniki, 2012, 61, 299-313.	0.5	2
16	Results of Investigation of Multicell Converters With Balancing Circuitâ€”Part II. IEEE Transactions on Industrial Electronics, 2009, 56, 2620-2628.	7.9	50
17	Energy storage systems the flywheel energy storage. , 2008, , .		12
18	The control and structure of the power electronic system supplying the Flywheel Energy Storage (FES). , 2007, , .		4

#	Article	IF	Citations
19	Multicell DC/DC Converter with DSP/CPLD Control. Practical Results. , 2006, , .		1
20	Energy Storage System. Solid State Phenomena, 0, 147-149, 416-420.	0.3	3