

Stanisław Piróg

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

256
citations

1163117

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h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Results of Investigation of Multicell Converters With Balancing Circuit—Part II. IEEE Transactions on Industrial Electronics, 2009, 56, 2620-2628.	7.9	50
3	Efficiency Analysis of MOSFET-Based Air-Choke Resonant DC–DC Step-Up Switched-Capacitor Voltage Multipliers. IEEE Transactions on Industrial Electronics, 2017, 64, 8728-8738.	7.9	35
4	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
5	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
6	Energy storage systems the flywheel energy storage. , 2008, , .		12
7	High Efficiency DC–DC Boost Converter With Passive Snubber and Reduced Switching Losses. IEEE Transactions on Industrial Electronics, 2022, 69, 2500-2510.	7.9	11
8	Switched Capacitor-Based Power Electronic Converter—Optimization of High Frequency Resonant Circuit Components. Studies in Systems, Decision and Control, 2017, , 361-378.	1.0	11
9	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
10	Proportional-Resonant Controller Structure with Finite Gain for Three-Phase Grid-Tied Converters. Energies, 2021, 14, 6726.	3.1	8
11	Switching strategies of a resonant switched-capacitor voltage multiplier. , 2017, , .		6
12	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
13	The control and structure of the power electronic system supplying the Flywheel Energy Storage (FES). , 2007, , .		4
14	Energy Storage System. Solid State Phenomena, 0, 147-149, 416-420.	0.3	3
15	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
16	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
17	An Active Power Filter with Energy Storage and Double DC Conversion for Power Surge Compensation. Electronics (Switzerland), 2020, 9, 1489.	3.1	2
18	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

#	ARTICLE	IF	CITATIONS
19	NPC three level inverter with dual DC bus for independent distributed generators. Neutral-point voltage balancing under the input power imbalance. , 2017, , .		1
20	Multicell DC/DC Converter with DSP/CPLD Control. Practical Results. , 2006, , .		1