

Zbigniew Waradzyn

List of Publications by Year in descending order

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papers

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1478505

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17
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118
citing authors

#	ARTICLE	IF	CITATIONS
1	A Switched-Capacitor DC-DC Converter With Variable Number of Voltage Gains and Fault-Tolerant Operation. IEEE Transactions on Industrial Electronics, 2019, 66, 3435-3445.	7.9	45
2	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
3	GaN-Based DC-DC Resonant Boost Converter with Very High Efficiency and Voltage Gain Control. Energies, 2020, 13, 6403.	3.1	12
4	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
5	Input Current Ripple Reduction in a Step-Up DC-DC Switched-Capacitor Switched-Inductor Converter. IEEE Access, 2022, 10, 19890-19904.	4.2	10
6	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
7	Switching strategies of a resonant switched-capacitor voltage multiplier. , 2017, , .		6
8	DC-DC High Step-up Converter with Low Count of Switches Based on Resonant Switched-Capacitor Topology. , 2019, , .		6
9	DC-DC High-Voltage-Gain Converters with Low Count of Switches and Common Ground. Energies, 2020, 13, 5657.	3.1	4
10	Fixed-frequency control strategies for a series resonant inverter for induction heating - comparison of properties. Przegląd Elektrotechniczny, 2016, 1, 116-119.	0.2	4
11	A Cost-Effective Resonant Switched-Capacitor DC-DC Boost Converter - Experimental Results and Feasibility Model. Power Electronics and Drives, 2018, 3, 75-83.	0.9	3
12	Analysis of the Load Current Harmonics Content in a Series Resonant Inverter for Induction Heating Controlled Using Various Cases of the AVC Control Strategy. , 2018, , .		1
13	Investigation and Determination of Efficiency of the Waste Heat Recovery System Using Peltier Modules. , 2018, , .		1
14	DC-DC Converter With Low Input Current Ripples in Hybrid Switched-Capacitor and Boost Topology. , 2021, , .		1
15	Induction heating with a fixed control frequency guaranteeing ZVS at varying parameters of the resonant circuit. Przegląd Elektrotechniczny, 2018, 1, 101-104.	0.2	1
16	All-Bootstrap Gate-Driver Supply System for a High-Voltage-Gain Resonant DC-DC Converter with Seven Switches. Power Electronics and Drives, 2020, 5, 135-142.	0.9	1
17	Half-bridge voltage inverter with flexible follow-up control system. , 2016, , .		0