

Marcin HoÅ,ub

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

431
citations

1163117

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g-index

30
all docs

30
docs citations

30
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	A statistical approach to zero adjustment in torque measurement of ship propulsion shafts. Measurement: Journal of the International Measurement Confederation, 2020, 164, 108088.	5.0	3
2	A Novel Telemetry System for Real Time, Ship Main Propulsion Power Measurement. Sensors, 2019, 19, 4771.	3.8	10
3	Practical Design of a High-Voltage Pulsed Power Supply Implementing SiC Technology for Atmospheric Pressure Plasma Reactors. Applied Sciences (Switzerland), 2019, 9, 1451.	2.5	10
4	The future for plasma science and technology. Plasma Processes and Polymers, 2019, 16, 1800118.	3.0	160
5	Teaching modern power electronicsâ€”Computerized test stand design. Computer Applications in Engineering Education, 2018, 26, 928-937.	3.4	5
6	Resonant, High Voltage Power Supply for Non-Thermal Plasma Reactors. , 2018, , .		1
7	Automated Test Stand for Transformer Inrush Current Measurement. , 2018, , .		3
8	A two switch, high input voltage range power controller topology with oscillation damping. , 2018, , .		0
9	Efficient electronic speed controller algorithm for multicopter flying vehicles. , 2018, , .		1
10	Resonant frequency stabilization technique in series-series contactless energy transfer systems. Archives of Electrical Engineering, 2017, 66, 547-558.	1.0	2
11	Development of microprocessor, time optimized stepper motor driving algorithm. , 2017, , .		6
12	Integrated test stand design for modern power electronics laboratory exercises. , 2017, , .		1
13	Treatment of industrial exhaust gases by a dielectric barrier discharge. EPJ Applied Physics, 2016, 75, 24708.	0.7	7
14	Cobalt Containing Polyimide Films Treated by Nanosecond Pulsed Electrical Discharges in Water. IEEE Transactions on Plasma Science, 2016, 44, 2708-2714.	1.3	5
15	Averaged inverter loss estimation algorithm. , 2016, , .		6
16	Black pepper powder microbiological quality improvement using DBD systems in atmospheric pressure. EPJ Applied Physics, 2015, 71, 20811.	0.7	2
17	Non-thermal plasma based decomposition of volatile organic compounds in industrial exhaust gases. International Journal of Environmental Science and Technology, 2015, 12, 3745-3754.	3.5	37
18	Comparison of direct and indirect plasma oxidation of NO combined with oxidation by catalyst. Fuel, 2015, 144, 137-144.	6.4	45

#	ARTICLE	IF	CITATIONS
19	Plasma Supported Odour Removal from Waste Air in Water Treatment Plants: An Industrial Case Study. <i>Aerosol and Air Quality Research</i> , 2014, 14, 697-707.	2.1	28
20	Study on the influence of output inductance on DBD plasma uniformity. <i>Archives of Electrical Engineering</i> , 2014, 63, 263-272.	1.0	2
21	Coreless, Contactless Power Supply System with DSP Controlled Active Compensation of Parameter Changes. <i>Elektronika Ii Elektrotehnika</i> , 2014, 20, .	0.8	4
22	Experimental Results of a Combined DBD Reactor-Catalyst Assembly for a Direct Marine Diesel-Engine Exhaust Treatment. <i>IEEE Transactions on Plasma Science</i> , 2013, 41, 1562-1569.	1.3	10
23	High Voltage Pulse Generator Using Transformer Parasitic Components for Pulsed Corona Discharge Generation. <i>IEEE Transactions on Plasma Science</i> , 2013, 41, 1587-1593.	1.3	7
24	Practical verification of topology for a high voltage pulse converter for non-thermal plasma generation. , 2013, , .		0
25	Resonant inverter with resonance frequency tracking for DBD plasma reactor supply. <i>EPJ Applied Physics</i> , 2013, 61, 24304.	0.7	4
26	High voltage pulse generation using magnetic pulse compression. <i>Archiwum Elektrotehniki</i> , 2013, 62, 463-472.	0.5	2
27	On the measurement of plasma power in atmospheric pressure DBD plasma reactors. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2012, 39, 81-87.	0.6	64
28	Effects of space vector modulation strategy on hybrid (Si-SiC) inverter losses. <i>Archiwum Elektrotehniki</i> , 2012, 61, 69-75.	0.5	4
29	Multilevel, one-phase inverter with unequal voltage distribution. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2009, 28, 154-165.	0.9	0
30	Modified multistage semiconductor-Fitch generator topology with magnetic compression. , 2008, , .		2