

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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752698

20
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30
all docs

30
docs citations

30
times ranked

576
citing authors

#	ARTICLE	IF	CITATIONS
1	The future for plasma science and technology. <i>Plasma Processes and Polymers</i> , 2019, 16, 1800118.	3.0	160
2	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
3	Comparison of direct and indirect plasma oxidation of NO combined with oxidation by catalyst. <i>Fuel</i> , 2015, 144, 137-144.	6.4	45
4	Non-thermal plasma based decomposition of volatile organic compounds in industrial exhaust gases. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 3745-3754.	3.5	37
5	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
6	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
7	A Novel Telemetry System for Real Time, Ship Main Propulsion Power Measurement. <i>Sensors</i> , 2019, 19, 4771.	3.8	10
8	Practical Design of a High-Voltage Pulsed Power Supply Implementing SiC Technology for Atmospheric Pressure Plasma Reactors. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1451.	2.5	10
9	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
10	Treatment of industrial exhaust gases by a dielectric barrier discharge. <i>EPJ Applied Physics</i> , 2016, 75, 24708.	0.7	7
11	Averaged inverter loss estimation algorithm. , 2016, , .		6
12	Development of microprocessor, time optimized stepper motor driving algorithm. , 2017, , .		6
13	Cobalt Containing Polyimide Films Treated by Nanosecond Pulsed Electrical Discharges in Water. <i>IEEE Transactions on Plasma Science</i> , 2016, 44, 2708-2714.	1.3	5
14	Teaching modern power electronicsâ€™ Computerized test stand design. <i>Computer Applications in Engineering Education</i> , 2018, 26, 928-937.	3.4	5
15	Resonant inverter with resonance frequency tracking for DBD plasma reactor supply. <i>EPJ Applied Physics</i> , 2013, 61, 24304.	0.7	4
16	Effects of space vector modulation strategy on hybrid (Si-SiC) inverter losses. <i>Archiwum Elektrotechniki</i> , 2012, 61, 69-75.	0.5	4
17	Coreless, Contactless Power Supply System with DSP Controlled Active Compensation of Parameter Changes. <i>Elektronika Ir Elektrotechnika</i> , 2014, 20, .	0.8	4
18	Automated Test Stand for Transformer Inrush Current Measurement. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	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
20	Modified multistage semiconductor-Fitch generator topology with magnetic compression. , 2008, , .		2
21	High voltage pulse generation using magnetic pulse compression. Archiwum Elektrotechniki, 2013, 62, 463-472.	0.5	2
22	Black pepper powder microbiological quality improvement using DBD systems in atmospheric pressure. EPJ Applied Physics, 2015, 71, 20811.	0.7	2
23	Resonant frequency stabilization technique in series-series contactless energy transfer systems. Archives of Electrical Engineering, 2017, 66, 547-558.	1.0	2
24	Study on the influence of output inductance on DBD plasma uniformity. Archives of Electrical Engineering, 2014, 63, 263-272.	1.0	2
25	Integrated test stand design for modern power electronics laboratory exercises. , 2017, , .		1
26	Resonant, High Voltage Power Supply for Non-Thermal Plasma Reactors. , 2018, , .		1
27	Efficient electronic speed controller algorithm for multicopter flying vehicles. , 2018, , .		1
28	Multilevel, oneâ€phase inverter with unequal voltage distribution. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2009, 28, 154-165.	0.9	0
29	Practical verification of topology for a high voltage pulse converter for non-thermal plasma generation. , 2013, , .		0
30	A two switch, high input voltage range power controller topology with oscillation damping. , 2018, , .		0