

Paweł, Szczęśniak

List of Publications by Year in descending order

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11
papers

100
citations

1478505

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h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

105
citing authors

#	ARTICLE	IF	CITATIONS
1	Power electronics converters without DC energy storage in the future electrical power network. Electric Power Systems Research, 2015, 129, 194-207.	3.6	24
2	A static and dynamic model of a space vector modulated matrix-reactance frequency converter. Electric Power Systems Research, 2014, 108, 82-92.	3.6	17
3	Low-Cost FPGA Hardware Implementation of Matrix Converter Switch Control. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1177-1181.	3.0	14
4	Design and Verification of Cyber-Physical Systems Specified by Petri Nets – A Case Study of a Direct Matrix Converter. Mathematics, 2019, 7, 812.	2.2	13
5	Overview of Control Algorithm Verification Methods in Power Electronics Systems. Energies, 2021, 14, 4360.	3.1	9
6	Voltage conditioner & power flow controller based on bipolar matrix-reactance choppers. International Journal of Electrical Power and Energy Systems, 2018, 94, 256-266.	5.5	7
7	Interpreted Petri Nets Applied to Autonomous Components within Electric Power Systems. Applied Sciences (Switzerland), 2022, 12, 4772.	2.5	6
8	A modelling of AC voltage stabilizer based on a hybrid transformer with matrix converter. Archives of Electrical Engineering, 2017, 66, 371-382.	1.0	5
9	Mathematical Modeling of Current Source Matrix Converter with Venturini and SVM. Electronics (Switzerland), 2020, 9, 558.	3.1	2
10	Alternative drive solution with matrix converter fed permanent magnet synchronous motor. , 2014, , .		0
11	Hardware realization of an SVM algorithm implemented in FPGAs. , 2017, , .		0