

Jacek Bojarski

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

271
citations

1040056

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all docs

32
docs citations

32
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Stochastic Decentralized Active Demand Response (DADR) System for Load Frequency Control. IEEE Transactions on Smart Grid, 2018, 9, 1055-1062.	9.0	45
2	Time-Domain-Based Assessment of Data Transmission Error Probability in Smart Grids With Electromagnetic Interference. IEEE Transactions on Industrial Electronics, 2014, 61, 1882-1890.	7.9	36
3	Demand side management using DADR automation in the peak load reduction. Renewable and Sustainable Energy Reviews, 2017, 67, 998-1007.	16.4	32
4	Decentralized Active Demand Response (DADR) system for improvement of frequency stability in distribution network. Electric Power Systems Research, 2016, 134, 80-87.	3.6	21
5	Electromagnetic compatibility assessment in multiconverter power systems – Conducted interference issues. Measurement: Journal of the International Measurement Confederation, 2020, 165, 108119.	5.0	21
6	Pearson’s random walk approach to evaluating interference generated by a group of converters. Applied Mathematics and Computation, 2013, 219, 6437-6444.	2.2	16
7	Analysis of the impact of simulation model simplifications on the quality of low-energy buildings simulation results. Energy and Buildings, 2018, 169, 141-147.	6.7	16
8	Use of underpasses by animals on a fenced expressway in a suburban area in western Poland. Nature Conservation, 0, 39, 1-18.	0.0	13
9	Statistical model of electrostatic discharge hazard in bearings of induction motor fed by inverter. Journal of Electrostatics, 2005, 63, 475-480.	1.9	12
10	Predation of invasive raccoon (Procyon lotor) on hibernating bats in the Nietoperek reserve in Poland. Mammalian Biology, 2021, 101, 57-62.	1.5	11
11	Statistical approach to discharge bearing currents. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2010, 29, 647-666.	0.9	9
12	Aggregated conducted interferences generated by group of asynchronous drives with deterministic and random modulation. , 2012, , .		4
13	Long Arm of Motorway – The Impact of Fenced Road on the Mortality of European Badgers. Environmental Management, 2022, 69, 429-437.	2.7	4
14	Determination of flux density produced by multilevel inverters in CM voltage filter. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, 1019-1034.	0.9	3
15	CM voltage compensator for DC/DC converters. , 2013, , .		3
16	Testing of Co-Fermentation of Poultry Manure and Corn Silage. Civil and Environmental Engineering Reports, 2014, 13, 31-47.	0.3	3
17	Selective Foraging on Tree and Shrub Species by the European Beaver Castor fiber in Lowland and Highland Habitats in Western Poland. Polish Journal of Ecology, 2018, 66, 286.	0.2	3
18	Time-domain Assessment of Data Transmission Errors in Systems with Multiple DC/DC Converters. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
19	Comparative Analysis of Deterministic and Random Modulations Based on Mathematical Models of Transmission Errors in Series Communication. IEEE Transactions on Power Electronics, 2022, 37, 11985-11995.	7.9	3
20	Zero CM voltage multilevel inverters for smart grid applications. , 2011, , .		2
21	EMI generated by Power Electronic Interfaces in Smart Grids. , 2012, , .		2
22	Damped sinusoidal function to model acute irradiation in radiotherapy patients. Physica Medica, 2013, 29, 513-519.	0.7	2
23	Frequent or scarce? Damage to flight-enabling body parts in bats (Chiroptera). PLoS ONE, 2019, 14, e0219783.	2.5	2
24	Does the radiation approach affects acute toxicity in prostate cancer patients? A comparison of four radiation techniques. Central European Journal of Urology, 2020, 73, 295-299.	0.3	2
25	The Impact of the Moon Phases on Winter Activity of the Noctule Bats <i>Nyctalus noctula</i> . Polish Journal of Ecology, 2015, 63, 616-622.	0.2	1
26	Analysis of the impact of simulation model simplifications on the quality of low-energy buildings simulation results. E3S Web of Conferences, 2017, 22, 00081.	0.5	1
27	Modified stochastic algorithm for decentralized active demand response (DADR) system supporting primary load frequency control. , 2017, , .		1
28	Compensation of CM voltage in systems consisting of interleaved AC-DC converters. , 2014, , .		0
29	A comparative study on DSM services employing distributed energy resources: Energy storage and direct load control. , 2017, , .		0
30	Energy storage control algorithm for suppression of fluctuation of wind farm output power. , 2018, , .		0
31	A differential equation related to the \mathbb{R}^n -norms. Annales Polonici Mathematici, 2011, 101, 251-265.	0.5	0
32	Nearly Neighbourly Families of Standard Boxes. Electronic Journal of Combinatorics, 2019, 26, .	0.4	0