Bialobrzeski

List of Publications by Year
in descending order

42 papers	103 citations	1937685 4 h-index	1720034 7 g-index
42 all docs	42 docs citations	42 times ranked	33 citing authors

#	Article	IF	Citations
1	A positive, negative and zero sequences electric power, to improve upon the standard IEEE 1459-2010. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2023, 42, 402-424.	0.9	2
2	Electrical power components decomposition of periodic polyharmonic current. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2022, 41, 1134-1145.	0.9	2
3	Need of technical accounting at electric energy quality reduction under conditions of AC traction substation. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2021, , 75-80.	0.7	0
4	The Power Components Distribution Investigating in Idle Mode of Three-Phase Transformer with Damage Winding. , 2021, , .		0
5	Revealing the Impact of Electromechanical Complex Mechanical Vibrations on Electrical Instantaneous Power. , 2021, , .		3
6	Abruptly Changing Load Timediagram Analysis of Transformer Substation Using Wavelet Transform. , 2021, , .		2
7	Three-phase core-type transformer model investigation taking into account hysteresis phenomena in asymmetric load mode. , 2021, , .		0
8	Unified Power Quality Conditioner Electrical Complex for Compensation Influence of Sharply Variable Loading. , 2021, , .		2
9	Traction Substation Transformer Power Distribution Investigation Under Asymmetric and Nonlinear Loading Conditions. , 2021, , .		0
10	Current Harmonics Distribution Influence of a Traction Transformer Secondary Winding on a Power Losses Level Taking Into Account Distortion Power. , 2021, , .		1
11	The Electric Power Quantities Correlation Degree Estimation on Substation Transformer Secondary Voltage Buses an Industrial Enterprise. , 2021, , .		0
12	Series active power filter functioning study under conditions of different indicators of power quality deviation. , 2021, , 129-138.		1
13	ECONOMIC VIABILITY OF FILTER COMPENSATING DEVICES INSTALLATION AT TRANSFORMERS SUBSTATIONSâ€™ BUSBARS. Transactions of Kremenchuk Mykhailo Ostrohradskyi National University, 2021, , 103-108.	0.1	1
14	Investigation of distribution a harmonic power in three phase transformer at idling mode. , 2020, , .		5
15	Combined voltage control system of series single-phase filter-compensating device. , 2020, , .		3
16	Virtual Complex Prototype for Metering a Three-Phase Network Electric Power Quantity and Quality. , 2020, , .		3
17	Analysis of technical solutions for the implementation of on-board energy storage on the electric stock. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2020, , 59-66.	0.7	0
18	Innovative technique for evaluating electric power distortion in cable transmission line. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2020, , 58-63.	0.7	6

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19	The Assessment of the Distortion of Electric Power in Alternating and Pulse Current of a Rectifier Circuit. Przeglad Elektrotechniczny, 2020, 1, 120-123.	0.2	4
20	Power Theories Application Rationality in Series Filter-Compensating Device Control System. , 2020, , .		2
21	Apparent Power Effectiveness for the Assessment of the Efficiency of the Cable Transmission Line in the Supply System with Sinusoidal Current. Przeglad Elektrotechniczny, 2020, 1, 28-31.	0.2	4
22	Single-Phase Transformer Active and Reactive Power Distribution with the Inter-tum Fault Conditions and the Eddy Currents Increase.. , 2020, , .		4
23	Determination a semiconductors parameters of single-phase controlled compensation device. , 2020, , .		0
24	Voltage vector control system of three-phase series active filter-compensating device. , 2020, , .		0
25	Application of IEEE 1459-2010 for the power investigation a traction substation transformer secondary voltage. , 2020, , .		8
26	The Analysis of the Components of the Power of a Direct Current Motor Armature Circuit at Periodic Change of Voltage. , 2019, , .		1
27	Four-Wire Three-Phase Active Power Filter With Fuzzy Controller For Compensation Of Distortion of Currents Unbalance in the Conditions of Fluctuated Load. , 2019, , .		1
28	The Frequency Response Research of Power Part Elements a One-Phase Series Active Power Filter. , 2019, , .		3
29	Identification of distribution features of the instantaneous power components of the electric energy of the circuit with polyharmonic current. Eastern-European Journal of Enterprise Technologies, 2019, 2, 6-13.	0.5	7
30	ALTERNATIVE INDICATORS OF POWER OF ELECTRIC ENERGY IN A SINGLE-PHASE CIRCUIT WITH POLYHARMONIC CURRENT AND VOLTAGE. Electrical Engineering & Electromechanics, 2019, .	0.6	2
31	THE INFLUENCE OF THE DISTORTION POWER ON THE PARAMETERS OF THE POWER COMPONENTS OF A THREE-PHASE ACTIVE POWER FILTER. Transactions of Kremenchuk Mykhailo Ostrohradskyi National University, 2019, 1, 14-19.	0.1	0
32	Distorting Electrical Power of the Alternating Current in the Simplest Circuit with a Diode. Energetika Proceedings of CIS Higher Education Institutions and Power Engineering Associations, 2019, 62, 433-444.	0.7	8
33	Analysis of three-phase parallel active power filter operation mode with arc furnace active powerâ€™s fluctuations. , 2018, , .		10
34	Power components of electric energy for technical and commercial electricity metering. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2018, , 70-79.	0.7	13
35	LIMITATIONS OF CURRENT OF THE THREE-PHASE ACTIVE POWER FILTER IN THE CONDITIONS OF OVERLOAD AND SHORT CIRCUIT. Electrical Engineering & Electromechanics, 2018, .	0.6	0
36	INVESTIGATION OF THE INFLUENCE OF THE TRANSFORMER OF A SERIES ACTIVE FILTER ON THE QUALITY OF VOLTAGE. ElektrotehnÃ¬ka Ta Elektroenergetika, 2018, .	0.1	4

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37	Dynamic characteristics research of electric output in the curcuit with thyristor voltage regulator supplying the synchronous motor. VÃ¬snik PriazovsÊ¹kogo DerÅ¾gavnogo TehniÄnogo UnÃ¬versitetu SerÃ¬Ã¢: TehnÃ¬ÄnÃ¬ Nauki, 2018, .	0.1	0
38	DISTRIBUTION OF THE POWER OF THE A POWER ACTIVE FILTER BOOSTER TRANSFORMER FOR REGULATING OF THE NONLINEAR VOLTAGE DISTORTIONS COEFITIENT. ElektrotehnÃ¬ka Ta Elektroenergetika, 2018, .	0.1	0
39	THE RESEARCH OF THE ELECTRICAL ENERGY DISTORTION CHARACTERISTICS IN THE ALTERNATING CURRENT CIRCUIT OF THE THYRISTOR RECTIFIER-DC MOTORCOMPLEX. Transactions of Kremenchuk Mykhailo Ostrohradskyi National University, 2018, 5, 46-51.	0.1	0
40	RESEARCH OF POWER DISTORTION IN THE POWER SUPPLY AREA WITH WELDING EQUIPMENT. Transactions of Kremenchuk Mykhailo Ostrohradskyi National University, 2018, 5, 17-22.	0.1	0
41	SIMULATION MODEL OF INSTANTANEOUS ELECTRICAL AND POWER PARAMETERS OF MODE AND QUALITY OF ELECTRICITY FOR DC TRACTION POWER SYSTEMS. Trudy Odesskogo PolitehniÄeskogo Universiteta, 2017, 1, 82-91.	0.1	1
42	CORRECTION ALGORITHM FOR DETERMINING THE GIVEN CURRENT ACTIVE POWER FILTER BASED ON THE THEORY POWER FRYZE IN TERMS OF ASYMMETRY. ElektrotehnÃ¬ka Ta Elektroenergetika, 2017, .	0.1	0