

Yuriy A Sychev

List of Publications by Year in descending order

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31
papers

113
citations

1937685

4
h-index

1872680

6
g-index

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all docs

31
docs citations

31
times ranked

39
citing authors

#	ARTICLE	IF	CITATIONS
1	Mathematical modeling and analysis of electrical complexes for power quality improvement on the basis of active and passive filters. Journal of Physics: Conference Series, 2020, 1661, 012160.	0.4	0
2	Study of the Efficiency of the Invariant Protection Against Single-Phase Ground Faults in the Microprocessor Terminals. , 2019, , .		2
3	Efficiency Estimation of Hybrid Electrical Complex for Voltage and Current Waveform Correction in Power Systems of Oil Enterprises. , 2019, , .		3
4	Synchronisation of Islanded Networks with Distributed Generation Using SST. , 2019, , .		2
5	The Application of Series Active Filter for Improvement of Power Quality in Networks of Oil Enterprises. , 2019, , .		0
6	The assessment of the series active filter efficiency in power supply systems of oil production enterprises. E3S Web of Conferences, 2019, 140, 04003.	0.5	3
7	Assessment and data analysis of beneficial implementation of cogeneration modules at mining enterprises to minimize negative influence on the environment. Journal of Physics: Conference Series, 2019, 1333, 032048.	0.4	1
8	Modelling and analysis of functional modes of active compensators in distributed generation systems. Journal of Physics: Conference Series, 2019, 1333, 062028.	0.4	2
9	Mathematical modeling of harmonic correction by parallel active filter in conditions of distributed generation. Journal of Physics: Conference Series, 2019, 1333, 032081.	0.4	3
10	Estimation of spark protection device's reliability influence on the fire safety of apartment's network with harmonic currents and voltage up to 1 KV. MATEC Web of Conferences, 2018, 161, 02008.	0.2	0
11	Mathematical Modelling of High-Frequency Electrical Motors with Harmonic Elimination Filters for Technological Complexes. , 2018, , .		2
12	Selection of Shunt Active Filter Main Parameters in Conditions of Centralized and Distributed Power Supply Systems. , 2018, , .		4
13	Protective Controller against Cascade Outages with Selective Harmonic Compensation Function. Journal of Physics: Conference Series, 2018, 1015, 022001.	0.4	4
14	Modernization of gas-turbine engines with high-frequency induction motors. IOP Conference Series: Materials Science and Engineering, 2018, 327, 052001.	0.6	2
15	Invariant protection of high-voltage electric motors of technological complexes at industrial enterprises at partial single-phase ground faults. IOP Conference Series: Materials Science and Engineering, 2018, 327, 052027.	0.6	9
16	The Hybrid Correction System, Based on Active and Passive Filters for Harmonic Compensation in Networks of Oil Enterprises. , 2018, , .		2
17	Maintenance problems of PWM-inverters in power networks with distributed generation. MATEC Web of Conferences, 2018, 161, 02010.	0.2	4
18	Hybrid correction system adapted for a variable speed drive. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Electrical complex of combined power supply on the base of renewables and hybrid correction device. , 2017, , .		7
20	Hybrid harmonic compensation device adapted for variable speed drive system. IOP Conference Series: Earth and Environmental Science, 2017, 87, 032002.	0.3	7
21	The structure selection of hybrid correction device for centralized and distributed electrical networks. , 2017, , .		2
22	THE COMPLEX SYSTEM OF POWER QUALITY CONTROL AND IMPROVEMENT FOR MINIMIZATION OF DELETERIOUS EFFECT ON ENVIRONMENT IN CONDITIONS OF OIL PRODUCTION ENTERPRISES. Journal of Ecological Engineering, 2017, 18, 43-47.	1.1	1
23	The evaluation of hybrid active filter efficiency. , 2016, , .		6
24	The control system on the base of signal processing for power quality improvement in electrotechnical complexes of alternative and renewable power sources. , 2016, , .		12
25	The control algorithm for active and hybrid correction systems of voltage and current waveforms. , 2016, , .		6
26	Active compensation of voltage dips, deviations and distortions in electrical networks with highly variable loads and long lines. , 2016, , .		8
27	Increasing the effectiveness of electro-technical transformation complexes for supplying of aluminium electrolyzers. Tsvetnye Metally, 2016, , 49-53.	0.2	3
28	Modeling harmonic compensation modes of active correction systems. , 2015, , .		1
29	Intelligent power system on the base of active-adaptive control and interaction between elements. , 2015, , .		1
30	The application of modern information technologies for power monitoring and control in conditions of distributed generation. , 2014, , .		9
31	Efficiency Estimation of Hybrid Electrotechnical Complex for Non-Sinusoidal Signals Level Correction in Autonomous Power Supply Systems for Oil Fields. IOP Conference Series: Earth and Environmental Science, 0, 194, 052001.	0.3	5