

Valeriy Kuznetsov

List of Publications by Year in descending order

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33
papers

101
citations

1684188

5
h-index

1588992

8
g-index

38
all docs

38
docs citations

38
times ranked

78
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for the selection of parameters for shunting locomotives. Archives of Transport, 2020, 56, 119-133.	1.1	12
2	Development of mathematical models of energy conversion processes in an induction motor supplied from an autonomous induction generator with parametric non-symmetry. Eastern-European Journal of Enterprise Technologies, 2021, 4, 67-82.	0.5	9
3	Method of Selecting Energy-Efficient Parameters of an Electric Asynchronous Traction Motor for Diesel Shunting Locomotives – Case Study on the Example of a Locomotive Series ChME3 (ÐŠMÐ3, ÄEME3, ÄEKÐ) Tj ETQq1 1 0.784	1.1	7
4	The revised method for calculating of the optimal train control mode. Archives of Transport, 2019, 51, 21-34.	1.1	7
5	Technological and Ecological Aspects of Disposal of Spent Cutting Fluids. Journal of Ecological Engineering, 2021, 22, 207-212.	1.1	6
6	Problems of the use of renewable energy sources in the structure of railway power supply. IOP Conference Series: Materials Science and Engineering, 0, 985, 012011.	0.6	6
7	The method for increasing the efficiency of equipment’s maintenance in railway traction power supply systems. Archives of Transport, 2018, 47, 39-47.	1.1	5
8	Improvement of the regenerating energy accounting system on the direct current railways. Archives of Transport, 2015, 36, 35-42.	1.1	5
9	Laboratory bench to analyze of automatic control system with a fuzzy controller. Diagnostyka, 2020, 21, 61-68.	0.8	5
10	Resource-saving technologies of railway transportation of grain freights for export. Archives of Transport, 2018, 45, 53-64.	1.1	4
11	Hybrid railway traction power supply system. , 2020, , .		4
12	Rational distribution of excess regenerative energy in electric transport systems on the basis of fuzzy logic application. Archives of Transport, 2017, 42, 53-63.	1.1	3
13	PERSPECTIVES OF UKRAINIAN RAILWAY TOURISM DEVELOPMENT ON NARROW-GAUGE LINES OF ZAKARPATTIA. Nauka Ta Progres Transportu, 2015, , 23-33.	0.1	3
14	The concept of a hybrid traction power supply system. MATEC Web of Conferences, 2019, 294, 01014.	0.2	2
15	Modeling of thermal process in the energy system – Electrical network - asynchronous motor – E3S Web of Conferences, 2021, 280, 05003.	0.5	2
16	Analysis of the neutral grounding modes influence on the reliability characteristics of local systems with renewable energy sources. Diagnostyka, 2021, 22, 45-56.	0.8	2
17	Model of Two-Mass Electric Drive of DC Electric Locomotive with the Full Order Observer. , 2021, , .		2
18	Studying of the power modes in the traction line for ensuring the high-speed traffic. Technology Audit and Production Reserves, 2018, 5, 42-51.	0.1	2

#	ARTICLE	IF	CITATIONS
19	CONSUMPTION VOLUMES TECHNOLOGY OF ELECTRICITY AND HEAT BY DEPARTMENTS OF THE UNIVERSITY. Nauka Ta Progres Transportu, 2015, , 15-22.	0.1	2
20	Regina computer system for intelligent monitoring, diagnostics, and management of railway power supply systems. Diagnostyka, 2021, , 77-88.	0.8	2
21	Energy Characteristics of the DC Distributed Power Supply Systems. Communications - Scientific Letters of the University of Zilina, 2021, 23, C37-C43.	0.6	1
22	Models of the Computer Intellectualization Optimal Strategy of the Power Supply Fast-Flowing Technological Processes of the Railways Traction Substations. Communications - Scientific Letters of the University of Zilina, 2021, 23, C30-C36.	0.6	1
23	Quick-response protection system against electric shock in distributed generation systems. Diagnostyka, 2021, 22, 59-65.	0.8	1
24	IMPROVING THE EFFICIENCY OF THE HEATING SYSTEM FOR PUBLIC BUILDINGS INFRASTRUCTURE IN THE CONTEXT OF DNURT. Nauka Ta Progres Transportu, 2016, , 97-107.	0.1	1
25	Development of an approach to ensure stability of the traction direct current system. Eastern-European Journal of Enterprise Technologies, 2018, 5, 47-56.	0.5	1
26	Energy-efficient and cost-effective methods of driving trains under the conditions of development of the electricity market. MATEC Web of Conferences, 2019, 294, 01004.	0.2	0
27	Optimum parameters of electromechanical system model "electrical grid-drive-compressor-pneumatic network", 2021, , .		0
28	Modeling of Dynamical Objects with Hypercomplex Numbers for Railway Non Traction Consumers with Renewable Energy Sources. , 2021, , .		0
29	USING REGIONAL RENEWABLE ENERGY RESOURCES FOR HEATING SUPPLY SYSTEMS. Nauka Ta Progres Transportu, 2017, , 51-62.	0.1	0
30	Comprehensive Study of the Microclimate Parameters in the Residential Building. Journal of KONBiN, 2021, 51, 87-96.	0.4	0
31	Mathematical Models of Effective Topology of Computer Networks for Electric Power Supply Control on Railway Transport. Communications - Scientific Letters of the University of Zilina, 2021, 24, C27-C32.	0.6	0
32	The Use of Innovative Contact Strip for Pantographs of Electric Rolling Stock. Experience in Operational and Bench Tests. Journal of KONBiN, 2021, 51, 35-48.	0.4	0
33	Study of the two-rotor electric motor of a drive of vehicle drive wheels. Archives of Transport, 2021, 60, 245-257.	1.1	0