

# Andrii

## List of Publications by Year in descending order

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33  
papers

280  
citations

1305906

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h-index

1181555

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33  
all docs

33  
docs citations

33  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing design and manufacturing quality of tractor gearboxes by their vibration characteristics. JVC/Journal of Vibration and Control, 2023, 29, 1218-1228.	1.5	2
2	Vibration characteristics of tractor gearboxes. Vehicle and Electronics Innovative Technologies, 2022, , 87-96.	0.0	0
3	Conversion of a car from an ICE into an electric car. Vehicle and Electronics Innovative Technologies, 2022, , 22-30.	0.0	0
4	Functional scheme of the transformer-rectifier unit of the centrifugal oil cleaning installation. Vehicle and Electronics Innovative Technologies, 2021, , 20-27.	0.0	0
5	ELECTRICAL POWER UNIT OF THE TRANSFORMER OIL CENTRIFUGAL CLEANING UNIT. AvtomobilÉnyj Transport (HarÉkov), 2021, , 101-112.	0.0	2
6	Analysis of the most common methods for determining the stability of energy systems. Vehicle and Electronics Innovative Technologies, 2021, , 17-26.	0.0	1
7	Implementation of the double degree master's program on the example of the Erasmus project CybPhys. , 2021, , .		0
8	Transformer-Rectifier Unit For Centrifugal Cleaning Of Transformer Oil. , 2021, , .		0
9	Technical and economic calculation of a solar-powered charging station for electric vehicles. AvtomobilÉnyj Transport (HarÉkov), 2021, , 71-78.	0.0	0
10	An Integrated System of Alternative Sources of Electricity Generation for Charging Urban Electric Buses. , 2020, , .		1
11	Research on Cross-Domain Study Curricula in Cyber-Physical Systems: A Case Study of Belarusian and Ukrainian Universities. Education Sciences, 2020, 10, 282.	1.4	9
12	Choice of Parameters for the Electrodrive Diagnostic System of Hybrid Vehicle Traction. Latvian Journal of Physics and Technical Sciences, 2020, 57, 3-11.	0.4	2
13	Development of an unified energy-efficient system for urban transport. , 2020, , .		7
14	Study of the Operation of the Energy Generating Platform on the Basis of a Multiplier with Spur Gears. , 2020, , .		1
15	Using the Method of the Spectral Analysis in Diagnostics of Electrical Process of Propulsion Systems Power Supply in Electric Car. Przegląd Elektrotechniczny, 2020, 1, 49-52.	0.1	2
16	Design and research of constructive features of paving slabs for power generation by pedestrians. Transportation Research Procedia, 2019, 40, 434-441.	0.8	10
17	Selection of Methods for Modernizing the Regulator of the Rotation Frequency of Locomotive Diesels. , 2019, , .		8
18	Researching the model of electric propulsion system for bus using Matlab Simulink. , 2019, , .		13

#	ARTICLE	IF	CITATIONS
19	Study of Load Characteristics of Various Types of Silicon PV Panels for Sustainable Energy Efficient Road Pavement. Electrical, Control and Communication Engineering, 2019, 15, 30-38.	0.4	4
20	A Device for Converting Kinetic Energy of Press Into Electric Power as a Means of Energy Saving. Journal of the Korean Society for Precision Engineering, 2019, 36, 105-110.	0.1	16
21	Substantiating the Criteria for Assessing the Quality of Asynchronous Traction Electric Motors in Electric Vehicles and Hybrid Cars. Journal of the Korean Society for Precision Engineering, 2019, 36, 989-999.	0.1	14
22	Determination of the best load parameters for productive operation of PV panels of series FS-100M and FS-110P for sustainable energy efficient road pavement. , 2018, , .		7
23	Sustainable pavement enable to produce electricity for road lighting using green energy. , 2018, , .		14
24	Ultracapacitors Electrobus for Urban Transport. , 2018, , .		12
25	System Approach to the Evaluation of the Traction Electric Motor Quality. EAI Endorsed Transactions on Energy Web, 2018, .	0.3	7
26	Solving the Problem of Balancing and Complete Compensation of Reactive Power for a Three-Phase Power Supply System. EAI Endorsed Transactions on Energy Web, 2018, .	0.3	1
27	Smart road as a complex system of electric power generation. , 2017, , .		13
28	Joint innovative double degree master program «energy-saving technologies in transport», 2017, , .		12
29	Energy saving technologies for urban bus transport. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4649-4664.	0.5	26
30	New Method of Car Body Panel External Straightening: Tools of Method. International Journal of Vehicular Technology, 2015, 2015, 1-7.	1.1	11
31	Pulsed electromagnetic attraction of nonmagnetic sheet metals. Journal of Materials Processing Technology, 2014, 214, 390-401.	3.1	38
32	Pulsed electromagnetic attraction of sheet metals « Fundamentals and perspective applications. Journal of Materials Processing Technology, 2013, 213, 444-452.	3.1	39
33	Determining the Quality of Electric Motors by Vibro-Diagnostic Characteristics. EAI Endorsed Transactions on Energy Web, 0, , 164101.	0.3	8