

Andrii Rogovyi

List of Publications by Year in descending order

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17
papers

175
citations

1040056

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1125743

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g-index

20
all docs

20
docs citations

20
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Bingham fluid viscosity on energy performances of a vortex chamber pump. Energy, 2021, 218, 119432.	8.8	34
2	Energy performances of the vortex chamber supercharger. Energy, 2018, 163, 52-60.	8.8	30
3	Features of a Working Process and Characteristics of Irrotational Centrifugal Pumps. Procedia Engineering, 2012, 39, 231-237.	1.2	16
4	The Influence of the Gas Content in the Working Fluid on Parameters of the the Hydraulic Motorâ€™s Axial Piston. Lecture Notes in Mechanical Engineering, 2021, , 97-106.	0.4	15
5	Devising an engineering procedure for calculating the ductility of a roller bearing under a no-central radial load. Eastern-European Journal of Enterprise Technologies, 2019, 3, 6-10.	0.5	15
6	Determining the characteristics for the rational adjusting of an fuel-air mixture composition in a two-stroke engine with internal carburation. Eastern-European Journal of Enterprise Technologies, 2020, 2, 39-52.	0.5	12
7	Application of the similarity theory for vortex chamber superchargers. IOP Conference Series: Materials Science and Engineering, 2017, 233, 012011.	0.6	10
8	VERIFICATION OF FLUID FLOW CALCULATIONS IN VORTEX CHAMBER. Avtomobilâ€™nyj Transport (Harâ€™kov), 2016, .	0.1	3
9	Development of a three-zone combustion model for stratified-charge spark-ignition engine. Eastern-European Journal of Enterprise Technologies, 2021, 2, 46-57.	0.5	2
10	Influence of the stratified fuel-air charge pattern on economic and environmental indicators of a two-stroke engine with spark ignition. AIP Conference Proceedings, 2021, , .	0.4	2
11	Vibration Reliability of the Turbine Unitâ€™s Housing Considering Random Imperfections. Lecture Notes in Mechanical Engineering, 2022, , 3-12.	0.4	1
12	INFLUENCE OF THE MEASURING TOOLS ON THE FLOW CHARACTERISTICS IN VORTEX CHAMBER PUMP. Avtomobilâ€™nyj Transport (Harâ€™kov), 2021, , 86-92.	0.1	0
13	VERIFICATION OF ELECTRICALLY CONDUCTIVE FLUID FLOW CALCULATION IN CIRCULAR PIPES. Collected Scientific Works of Ukrainian State University of Railway Transport, 2021, , 87-98.	0.1	0
14	INVESTIGATION OF THE EFFECT OF A THERMAL ISLAND IN KHARKIV. Avtomobilâ€™nyj Transport (Harâ€™kov), 2019, .	0.1	0
15	Numerical studies of the swirling flooded jet flow through the confuser. Avtomobilâ€™nyj Transport (Harâ€™kov), 2019, .	0.1	0
16	ENERGY EFFICIENCY AND ALGORITHM FOR SELECTING DRIVES FOR TECHNOLOGICAL MACHINES. Avtomobilâ€™nyj Transport (Harâ€™kov), 2020, .	0.1	0
17	Development of the Software for the Road-Train Stable Movement Mode Research. Advances in Intelligent Systems and Computing, 2021, , 522-539.	0.6	0