

Yevheniia Basova

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

251
citations

1040056

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g-index

29
all docs

29
docs citations

29
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing of Equipment Efficiency by Intensification of Technological Processes. Periodica Polytechnica, Mechanical Engineering, 2018, 63, 67-73.	1.4	44
2	Parameter Identification of Cutting Forces in Crankshaft Grinding Using Artificial Neural Networks. Materials, 2020, 13, 5357.	2.9	41
3	Prospects of Using Hydrodynamic Cavitation for Enhancement of Efficiency of Fluid Working Medium Preparation Technologies. Periodica Polytechnica, Mechanical Engineering, 2018, 62, 269-276.	1.4	24
4	Ensuring the reliability and performance criterias of crankshafts. Diagnostyka, 2018, 20, 23-32.	0.8	14
5	Concept of the Software for Materials Selection Using .NET Technologies. Lecture Notes in Mechanical Engineering, 2020, , 32-43.	0.4	11
6	Forecasting of the productivity of parts machining by high-speed milling with the method of half-overlap. Diagnostyka, 2018, 19, 37-42.	0.8	11
7	Structural Optimization of Technological Layout of Modular Machine Tools. Lecture Notes in Mechanical Engineering, 2020, , 352-363.	0.4	10
8	Big Challenges of Small Manufacturing Enterprises in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 118-127.	0.4	9
9	Design and numerical simulation of the new design of the gripper for manipulating of the rotational parts. Diagnostyka, 2018, 19, 11-18.	0.8	9
10	DEFLECTIONS AND FREQUENCY ANALYSIS IN THE MILLING OF THIN-WALLED PARTS WITH VARIABLE LOW STIFFNESS. Acta Polytechnica, 2019, 59, 283-291.	0.6	7
11	Technological Assurance of Machining Accuracy of Crankshaft. Lecture Notes in Mechanical Engineering, 2019, , 37-51.	0.4	7
12	Numerical Deflections Analysis of Variable Low Stiffness of Thin-Walled Parts During Milling. Lecture Notes in Mechanical Engineering, 2020, , 43-53.	0.4	5
13	Lifecycle Management of Modular Machine Tools. Lecture Notes in Mechanical Engineering, 2022, , 127-137.	0.4	5
14	Simulation of the contact temperature in the cylindrical plunge grinding process. Diagnostyka, 2020, 21, 77-86.	0.8	4
15	EFFECT OF THE APPLICATION OF MICROWAVE ENERGY ON THE REGENERATION OF THE ADSORBENT. Acta Polytechnica, 2018, 58, 217.	0.6	3
16	Determination of Parameters of Cylindrical Grinding with Additional Intermediate Dressing. Lecture Notes in Mechanical Engineering, 2020, , 330-340.	0.4	3
17	Integrated Approach to Determine Operational Integrity of Crane Metal Structure. Periodica Polytechnica, Mechanical Engineering, 2019, 63, 319-325.	1.4	3
18	The Effect of Blade Angle Deviation on Mixed Inflow Turbine Performances. Applied Sciences (Switzerland), 2022, 12, 3781.	2.5	3

#	ARTICLE	IF	CITATIONS
19	PARTICULARS OF ADSORBENT REGENERATION WITH THE USE OF MICROWAVE ENERGY. Acta Polytechnica, 2019, 59, 12-23.	0.6	2
20	Diagnostics of Uneven Heating of the Adsorbent by Microwave Radiation and Measures to Increase the Uniformity of Its Heating. Periodica Polytechnica: Chemical Engineering, 0, , .	1.1	2
21	Simulation of Thin-Walled Parts End Milling with Fluid Jet Support. Lecture Notes in Mechanical Engineering, 2020, , 380-389.	0.4	1
22	TECHNOLOGICAL PROVISION OF THE ACCURACY FOR THE THREAD FORM OF ROD PUMPS. Cutting & Tools in Technological System, 2021, , 126-134.	0.2	0