

Aleksander Kharchenko

List of Publications by Year in descending order

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15
papers

37
citations

1937685

4
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1872680

6
g-index

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all docs

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docs citations

15
times ranked

19
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of regularities of change in profile sizes and wear areas of abrasive wheel grains during grinding. <i>Materials Today: Proceedings</i> , 2021, 38, 2088-2091.	1.8	2
2	Progressive threading of small holes based on mechanisms of parallel structures (MPS). <i>Materials Today: Proceedings</i> , 2021, 38, 2038-2042.	1.8	0
3	Simulation of the stock removal in the contact zone during internal grinding of brittle non-metallic materials. <i>Metal Working and Material Science</i> , 2021, 23, 31-39.	0.3	0
4	Probabilistic model of surface layer removal when grinding brittle non-metallic materials. <i>Metal Working and Material Science</i> , 2021, 23, 6-16.	0.3	0
5	Analysis of vibration resistance of machining technological equipment of a floating workshop in shipbuilding. <i>Morskie Intellektual'nye Tehnologii</i> , 2021, , 15-22.	0.1	0
6	Calculation of radial material removal and the thickness of the layer with the current roughness when grinding brittle non-metallic materials. <i>Metal Working and Material Science</i> , 2021, 23, 31-44.	0.3	0
7	Quality improvement of manufacturing rolling mill rolls. <i>CIS Iron and Steel Review</i> , 2021, , 26-31.	0.4	1
8	Synthesis of the subsystem of supervision for grinding operation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 709, 022002.	0.6	0
9	Analysis and Synthesis of Vibration Isolation System of a Grinding Machine with Account of the Operational Reliability of its Elements. <i>Metal Working and Material Science</i> , 2019, 21, 35-49.	0.3	3
10	USING PROBABILITY METHODS FOR ASSESSING THE RELIABILITY OF TECHNICAL OBJECTS ON THE EXAMPLE OF TECHNOLOGICAL AND AUTOMOBILE SYSTEMS. <i>World of Transport and Technological Machines</i> , 2019, 67, 3-10.	0.1	0
11	Method of building dynamic relations, estimating product and grinding circle shape deviations. <i>MATEC Web of Conferences</i> , 2018, 224, 01001.	0.2	8
12	Investigation of Diamond Elastic Belts Characteristics Effect on Rotary Belt Grinding Process Output Performance. <i>Procedia Engineering</i> , 2017, 206, 1415-1418.	1.2	6
13	Forecasting the surface roughness of the workpiece in the round external grinding. <i>MATEC Web of Conferences</i> , 2017, 129, 01080.	0.2	7
14	Improvement of quality of details at round grinding in the conditions of a floating workshop. <i>MATEC Web of Conferences</i> , 2017, 129, 01083.	0.2	10
15	Multi-operation machine with tool redundancy as a two-component recoverable system with instantly replenished time reserve. <i>IOP Conference Series: Materials Science and Engineering</i> , 0, 971, 042004.	0.6	0