

# Aleksander Kharchenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7997100/publications.pdf>

Version: 2024-02-01

15  
papers

37  
citations

1937685

4  
h-index

1872680

6  
g-index

15  
all docs

15  
docs citations

15  
times ranked

19  
citing authors

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