

Alexandr Nikitin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mathematical model for determining the number of stop blocks on the roll of a single-roll crushing machine. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2022, 64, 909-911.	0.3	0
2	Calculation of capacity of crusher with stops on a roll. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2022, 65, 145-147.	0.3	0
3	Capabilities of grooves forming articulated profiles for rolling " separation technology. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2022, 65, 294-297.	0.3	0
4	Analysis of the drawing mill drive operation. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2022, 65, 434-436.	0.3	0
5	Prospects for energy-saving methods of crushing brittle materials. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2021, 64, 442-446.	0.3	0
6	Prospects for Energy-Saving Methods of Crushing Brittle Materials. Steel in Translation, 2021, 51, 379-381.	0.3	0
7	Current trends in the development of metal forming. IOP Conference Series: Materials Science and Engineering, 2020, 866, 012003.	0.6	1
8	Jaw crushers equipped with elastic pneumatic elements in joints of kinematic pairs. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2020, 63, 166-168.	0.3	3
9	Features of the rolling-separation technology development on operating continuous small-grade mill. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2020, 63, 313-317.	0.3	1
10	Experimental study of fractional composition of pieces of brittle material during crushing in a single-roll crusher with block stop on the roll. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2020, 63, 554-559.	0.3	3
11	Comparison of typical control laws of crushing unit on the example of a jaw crusher. IOP Conference Series: Earth and Environmental Science, 2019, 377, 012019.	0.3	0
12	Problems and methods of improving the quality of jaw crushers. IOP Conference Series: Earth and Environmental Science, 2019, 377, 012020.	0.3	0
13	POWER ANALYSIS OF THE PROCESS OF BRITTLE MATERIALS DESTRUCTION IN UNIVERSAL CRUSHING MACHINE WITH ROLL LOCKER. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2019, 62, 303-307.	0.3	9
14	Development of high-speed rolling modes of trim rails in the continuous reverse train. IOP Conference Series: Materials Science and Engineering, 2018, 411, 012071.	0.6	0
15	Energy-saving method of cutting a pre-bent bar on the shear machine. IOP Conference Series: Materials Science and Engineering, 2018, 411, 012053.	0.6	4
16	Improvement of jaw crushers reliability using elastic pneumatic elements in the connection of kinematic pairs. IOP Conference Series: Materials Science and Engineering, 2018, 411, 012054.	0.6	0
17	Elastic Pneumatic Cylinder for Vibration Suppression in Slip Bearings. Steel in Translation, 2018, 48, 501-504.	0.3	1
18	Complex technology of stamping details "from ball blank. IOP Conference Series: Materials Science and Engineering, 2018, 411, 012083.	0.6	0

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19	About the graphical modeling of production systems in metallurgy. IOP Conference Series: Materials Science and Engineering, 2018, 411, 012043.	0.6	0
20	EXPERIMENTAL INVESTIGATION OF PRE-CURVED STRIPE CUTTING BY SCISSORS. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2018, 61, 333-334.	0.3	3
21	MATHEMATICAL MODEL OF CRANK-TYPE JOINT CLEARANCE OVERTRAVEL ASSESSMENT IN OSCILLATING CRANK DRIVE OF JAW CRUSHER. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2018, 61, 466-469.	0.3	0
22	Web technology in automated information and modeling systems for metallurgical processes. Steel in Translation, 2017, 47, 463-468.	0.3	11
23	Diagnosis of the rock crushing modes to increase the efficiency of one-roll crusher operation. IOP Conference Series: Earth and Environmental Science, 2017, 84, 012033.	0.3	0
24	Control system of roll crushes in emergency situations. IOP Conference Series: Earth and Environmental Science, 2017, 84, 012032.	0.3	0
25	WEB-TECHNOLOGIES FOR CONSTRUCTION OF AUTOMATED INFORMATION-MODELING SYSTEMS OF TECHNOLOGICAL PROCESSES IN METALLURGY. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2017, 60, 573-579.	0.3	5
26	CREATION OF WEARPROOF SURFACES OF FRICTION PAIRS WORKING IN THE CONDITIONS OF LIQUID AND BORDER GREASING. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2017, 60, 124-127.	0.3	0
27	INFLUENCE OF FRICTION COEFFICIENT BETWEEN THE CRUSHED MATERIAL AND THE CHEEK IN ONE-ROLL CRUSHER ON CRUSHING PROCESS ENERGY CAPACITY. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2017, 60, 846-848.	0.3	1
28	New Si-Mn-Cr-V-Mo powder wires for roller surfacing. Steel in Translation, 2016, 46, 711-717.	0.3	2
29	ANALYSIS OF CRANK HINGE – RADICAL BEARING OF CRANK-BEAM MECHANISM OF JAW CRUSHER. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2016, 59, 875-878.	0.3	1
30	CALCULATION OF THE RIGIDITY OF THE COMPRESSED AIR CYLINDER WITH THE LIMITED AXIAL DEFORMATION. Izvestiya Vysshikh Uchebnykh Zavedenij Chernaya Metallurgiya, 2012, 55, 68-70.	0.3	3
31	Deformation of elastic cylindrical element in pneumatic shock absorber. Russian Engineering Research, 2011, 31, 742-743.	0.6	2