

Andrey Borisovich Efremenkov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

120
citations

6
h-index

10
g-index

29
ext. papers

148
ext. citations

0.4
avg, IF

2.97
L-index

#	Paper	IF	Citations
29	Improving the design of a disintegrator for deep utilization of enrichment tailings. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012025</i>	0.4	
28	Classifications of schematic solutions of the geokhod knife operating body and the interaction surface of the geokhod operating body with bottom rock. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012002</i>	0.4	1
27	Determining the interaction surface parameters of the geokhod knife operating body with the face rock. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012003</i>	0.4	1
26	Influence of the knife shape on the operating body cutting force. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012004</i>	0.4	
25	Development of a methodology for modeling complex shaped geokhod operating body in SolidWorks. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012005</i>	0.4	
24	Areas of research on the construction of tunneling underground machines of the Geokhod class. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012006</i>	0.4	1
23	Research areas of the scientific specialty "Aerodynamics of underground machines" <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012007</i>	0.4	1
22	Simulation of operation of a sequential hybrid drive of a haul truck with a traction battery and a bilateral DC-to-DC converter. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012017</i>	0.4	2
21	The results of the application of thermo-time processing and resonant-pulsating refining in the Siberian region of the Russian Federation. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012045</i>	0.4	1
20	Design hydrodynamic analysis of cavitation in narrow channels of the open-pit dump truck hydraulic system. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012057</i>	0.4	
19	Estimation of impact of rock conditions on the conveyor workings geometry by means of geophysical methods. <i>IOP Conference Series: Materials Science and Engineering, 2020, 939, 012063</i>	0.4	3
18	Impact of the number of blades of the geokhod cutting body on the energy intensity of the rock destruction. <i>IOP Conference Series: Materials Science and Engineering, 2019, 656, 012002</i>	0.4	2
17	Impact of the inclination angle of a blade of the geokhod cutting body on the energy intensity of rock destruction. <i>IOP Conference Series: Materials Science and Engineering, 2019, 656, 012003</i>	0.4	
16	Determination of external impacts on the bearing unit of the geokhod. <i>IOP Conference Series: Materials Science and Engineering, 2019, 656, 012015</i>	0.4	1
15	The concept of creating perspective technological paradigm of formation (development) of the underground space on the basis of the leading development of new approaches in construction geotechnology and geotechnics. Premises and basic provisions (part 2). <i>IOP Conference Series: Materials Science and Engineering, 2019, 656, 012005</i>	0.4	1
14	Pre-investment quantitative assessment of the geological risk of the development of coal deposits. <i>IOP Conference Series: Materials Science and Engineering, 2019, 656, 012016</i>	0.4	1
13	The concept of creating perspective technological paradigm of formation (development) of the underground space on the basis of the leading development of new approaches in construction geotechnology and geotechnics. Premises and basic provisions (part 1). <i>IOP Conference Series: Materials Science and Engineering, 2019, 656, 012004</i>	0.4	0

12	Influence of the supporting surface inclination angle of the external geohod propulsor on the deflected mode of boundary rock massif. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 441, 012008	0.4	2
11	Substantiation of characteristic bending points of the blade operating body of the geohod. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018 , 441, 012005	0.4	15
10	From Mining to Post-Mining: The Sustainable Development Strategy of the German Hard Coal Mining Industry. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 50, 012024	0.3	13
9	Using of Wide Stopes in Coalless Zones Mined by Shovels and Backhoes. <i>E3S Web of Conferences</i> , 2017 , 21, 01031	0.5	7
8	Substantiation of the Necessity for Design of Geohod Control System. <i>E3S Web of Conferences</i> , 2017 , 21, 03001	0.5	2
7	Determination of Load Performance of Two-Bar Girder Lining. <i>E3S Web of Conferences</i> , 2017 , 15, 03009	0.5	
6	Coal Mining Machinery Development As An Ecological Factor Of Progressive Technologies Implementation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 50, 012009	0.3	22
5	Physicochemical Processes of Metal Lixiviation in the Disintegrator. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 125, 012038	0.4	3
4	The Influence of Relative Distance between Ledges on the Stress-Strain State of the Rock at a Face. <i>Applied Mechanics and Materials</i> , 2013 , 379, 16-19	0.3	21
3	2012 ,		6
2	Determination of necessary forces for geohod movement 2012 ,		5
1	Forming the subterranean space by means of a new tool (geohod) 2011 ,		9