

Mikhail Eremin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

97
citations

1478505

6
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

31
citing authors

#	ARTICLE	IF	CITATIONS
1	Fracture model of brittle and quasibrittle materials and geomedia. <i>Physical Mesomechanics</i> , 2013, 16, 207-226.	1.9	32
2	Jerky flow model as a basis for research in deformation instabilities. <i>Physical Mesomechanics</i> , 2014, 17, 62-80.	1.9	14
3	Three-dimensional finite-difference analysis of deformation and failure of weak porous sandstones subjected to uniaxial compression. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 133, 104412.	5.8	13
4	Prefracture time of gabbro specimens in a damage accumulation model. <i>Physical Mesomechanics</i> , 2014, 17, 199-203.	1.9	10
5	Study of deformation and fracture of ZrO ₂ +3%Y ₂ O ₃ ceramics by wedge splitting of a chevron-notched specimen. <i>Engineering Fracture Mechanics</i> , 2019, 218, 106573.	4.3	10
6	Brittle porous material mesovolume structure models and simulation of their mechanical properties. <i>AIP Conference Proceedings</i> , 2014, , .	0.4	9
7	Modelling of processes of damage accumulation and multiscale fracture in rock mass with excavations at mining. , 2015, , .		3
8	Numerical simulation of failure of sandstone specimens utilizing the finite-difference continuous damage mechanics approach. <i>Procedia Structural Integrity</i> , 2019, 18, 135-141.	0.8	3
9	Numerical simulation of tectonic plates motion and seismic process in Central Asia. , 2014, , .		1
10	Defining time values of prefracture of brittle samples versus actual loading in three point bend tests. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1
11	Influence of the porosity on the uniaxial compressive strength of sandstone samples. <i>Procedia Structural Integrity</i> , 2020, 25, 465-469.	0.8	1
12	A possibilities of dangerous dynamic phenomena prediction in a rock mass surrounding the excavations. , 2014, , .		0
13	Experimental and numerical study of quasi-brittle fracture of rocks. , 2014, , .		0
14	Fundamental basics for prognosis methods of dangerous dynamic phenomena in rock mass with excavations. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
15	Fractal characteristics of seismic process in rock mass at mining: Mathematical modeling and analysis. <i>Russian Journal of Earth Sciences</i> , 2016, 16, 1-6.	0.7	0