Mikhail Eremin

List of Publications by Year
in descending order

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	Three-dimensional finite-difference analysis of deformation and failure of weak porous sandstones subjected to uniaxial compression. International Journal of Rock Mechanics and Minings Sciences, 2020, 133, 104412.	5.8	13
2	Influence of the porosity on the uniaxial compressive strength of sandstone samples. Procedia Structural Integrity, 2020, 25, 465-469.	0.8	1
3	Study of deformation and fracture of ZrO2+3%Y2O3 ceramics by wedge splitting of a chevron-notched specimen. Engineering Fracture Mechanics, 2019, 218, 106573.	4.3	10
4	Numerical simulation of failure of sandstone specimens utilizing the finite-difference continuous damage mechanics approach. Procedia Structural Integrity, 2019, 18, 135-141.	0.8	3
5	Fractal characteristics of seismic process in rock mass at mining: Mathematical modeling and analysis. Russian Journal of Earth Sciences, 2016, 16, 1-6.	0.7	0
6	Modelling of processes of damage accumulation and multiscale fracture in rock mass with excavations at mining. , 2015, , .		3
7	Defining time values of prefracture of brittle samples versus actual loading in three point bend tests. AIP Conference Proceedings, 2015, , .	0.4	1
8	Fundamental basics for prognosis methods of dangerous dynamic phenomena in rock mass with excavations. AIP Conference Proceedings, 2015, , .	0.4	0
9	Brittle porous material mesovolume structure models and simulation of their mechanical properties. AIP Conference Proceedings, 2014, , .	0.4	9
10	A possibilities of dangerous dynamic phenomena prediction in a rock mass surrounding the excavations. , 2014, , .		0
11	Experimental and numerical study of quasi-brittle fracture of rocks. , 2014, , .		0
12	Numerical simulation of tectonic plates motion and seismic process in Central Asia. , 2014, , .		1
13	Jerky flow model as a basis for research in deformation instabilities. Physical Mesomechanics, 2014, 17, 62-80.	1.9	14
14	Prefracture time of gabbro specimens in a damage accumulation model. Physical Mesomechanics, 2014, 17, 199-203.	1.9	10
15	Fracture model of brittle and quasibrittle materials and geomedia. Physical Mesomechanics, 2013, 16, 207-226.	1.9	32