

Tao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

608
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of hydraulic fracturing using particle flow method and application in a coal mine. <i>International Journal of Coal Geology</i> , 2014, 121, 1-13.	5.0	185
2	The effect of natural fractures on hydraulic fracturing propagation in coal seams. <i>Journal of Petroleum Science and Engineering</i> , 2017, 150, 180-190.	4.2	120
3	Natural fractures in soft coal seams and their effect on hydraulic fracture propagation: A field study. <i>Journal of Petroleum Science and Engineering</i> , 2020, 192, 107255.	4.2	54
4	DEM micromechanical modeling and laboratory experiment on creep behavior of salt rock. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 46, 38-46.	4.4	46
5	Distinct element modeling of strength variation in jointed rock masses under uniaxial compression. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2016, 2, 11-24.	2.9	43
6	A safety assessment of the new Xiangyun phosphogypsum tailings pond. <i>Minerals Engineering</i> , 2011, 24, 1084-1090.	4.3	33
7	Parametric study of the smooth joint contact model on the mechanical behavior of jointed rock. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 358-376.	3.3	28
8	Failure modes of the surface venthole casing during longwall coal extraction: A case study. <i>International Journal of Coal Geology</i> , 2012, 90-91, 135-148.	5.0	27
9	Stability analysis of the slope around flood discharge tunnel under inner water exosmosis at Yangqu hydropower station. <i>Computers and Geotechnics</i> , 2013, 51, 1-11.	4.7	20
10	Controls of natural fractures on the texture of hydraulic fractures in rock. <i>Journal of Petroleum Science and Engineering</i> , 2018, 165, 616-626.	4.2	16
11	A grain texture model to investigate effects of grain shape and orientation on macro-mechanical behavior of crystalline rock. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 148, 104971.	5.8	14
12	Seepage analysis of a diversion tunnel with high pressure in different periods: a case study. <i>European Journal of Environmental and Civil Engineering</i> , 2018, 22, 386-404.	2.1	9
13	Failure mechanism of TRSS mode in landslides induced by earthquake. <i>Scientific Reports</i> , 2020, 10, 21326.	3.3	8
14	Investigation of mine pressure and deformation due to phosphate ore body excavation based on Hoek-Brown model. <i>Journal of Unconventional Oil and Gas Resources</i> , 2016, 15, 158-164.	3.5	4
15	Flowchart of DEM Modeling Stability Analysis of Large Underground Powerhouse Caverns. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-15.	0.7	1