

# Chunyang Zhang

## List of Publications by Year in descending order

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14  
papers

376  
citations

933264

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h-index

1058333

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g-index

14  
all docs

14  
docs citations

14  
times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical model on predicting hydraulic fracture propagation in low-permeability sandstone. <i>International Journal of Damage Mechanics</i> , 2021, 30, 297-320.	2.4	8
2	Slope Stability Analysis Considering Different Contributions of Shear Strength Parameters. <i>International Journal of Geomechanics</i> , 2021, 21, .	1.3	30
3	Experimental Investigation of Permeability Evolution on Sandstone in Triaxial and Long-Term Dissolution Experiment. <i>Geofluids</i> , 2021, 2021, 1-12.	0.3	1
4	The strain characteristics and corresponding model of rock materials under uniaxial cyclic load/unload compression and their deformation and fatigue damage analysis. <i>Archive of Applied Mechanics</i> , 2021, 91, 2481-2496.	1.2	21
5	An experimental study on characteristics of impact compression of freeze-thawed granite samples under four different states considering moisture content and temperature difference. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	16
6	The propagation mechanism of an oblique straight crack in a rock sample and the effect of osmotic pressure under in-plane biaxial compression. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	47
7	Modified Double-Reduction Method considering Strain Softening and Equivalent Influence Angle. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 3257-3266.	0.9	8
8	The effect of cross-section shape on deformation, damage and failure of rock-like materials under uniaxial compression from both a macro and micro viewpoint. <i>International Journal of Damage Mechanics</i> , 2020, 29, 1076-1099.	2.4	34
9	An elasto-visco-plastic model based on stress functions for deformation and damage of water-saturated rocks during the freeze-thaw process. <i>Construction and Building Materials</i> , 2020, 250, 118862.	3.2	56
10	Crack initiation and propagation in coalbed gas reservoir during hydraulic fracturing. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2019, 44, 1.	0.8	5
11	The stability and roof-support optimization of roadways passing through unfavorable geological bodies using advanced detection and monitoring methods, among others, in the Sanmenxia Bauxite Mine in China's Henan Province. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 5087-5099.	1.6	68
12	Crack Initiation, Propagation, and Failure Characteristics of Jointed Rock or Rock-Like Specimens: A Review. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-31.	0.4	31
13	The mechanism of vibrations-aided gravitational flow with overhanging style in hopper. <i>Powder Technology</i> , 2018, 327, 291-302.	2.1	18
14	Cracking and Failure in Rock Specimen Containing Combined Flaw and Hole under Uniaxial Compression. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-15.	0.4	33