

# Yu Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

568  
citations

759055

12  
h-index

839398

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analyses of non-aqueous reactive polymer insulation layer in high geothermal tunnel. Journal of Rock Mechanics and Geotechnical Engineering, 2023, 15, 169-178.	3.7	4
2	Numerical investigation of bolt anchorage with tension force and shear force. IOP Conference Series: Earth and Environmental Science, 2020, 525, 012090.	0.2	1
3	Analysis of the bolt performance with shear force. E3S Web of Conferences, 2020, 198, 01013.	0.2	0
4	Analysis of Deformation Characteristics of Fully Grouted Rock Bolts Under Pull-and-Shear Loading. Rock Mechanics and Rock Engineering, 2020, 53, 2981-2993.	2.6	23
5	Quantitative Detection of Rock Crack Width Using Microwave Resonance Vibration Eigenvalues. IEEE Access, 2019, 7, 49858-49871.	2.6	3
6	The influence of bedding plane orientation on rock breakages in biaxial states. Theoretical and Applied Fracture Mechanics, 2018, 95, 186-193.	2.1	34
7	An Experimental Study on Mechanical Behavior of Parallel Joint Specimens under Compression Shear. Advances in Civil Engineering, 2018, 2018, 1-12.	0.4	0
8	Dynamic Indentation Characteristics for Various Spacings and Indentation Depths: A Study Based on Laboratory and Numerical Tests. Advances in Civil Engineering, 2018, 2018, 1-12.	0.4	2
9	Mechanical and Propagating Behaviors of Single-Flawed Rock Samples with Hydraulic Pressure and Uniaxial Compression Conditions. International Journal of Geomechanics, 2018, 18, .	1.3	13
10	Influence of single flaw on the failure process and energy mechanics of rock-like material. Computers and Geotechnics, 2017, 86, 150-162.	2.3	100
11	Hydromechanical coupling tests for mechanical and permeability characteristics of fractured limestone in complete stress-strain process. Environmental Earth Sciences, 2017, 76, 1.	1.3	101
12	Anisotropy of Rock Profile JRC Values and Its Empirical Formula: A Case Study on Yellow Rust Granite. Geotechnical and Geological Engineering, 2017, 35, 1645-1655.	0.8	16
13	Relationship between loading angle and displacing angle in steel bolt shearing. Transactions of Nonferrous Metals Society of China, 2017, 27, 876-882.	1.7	7
14	Study on the Stability and Deformation of the Roadway Subjected to High In-Situ Stresses. Geotechnical and Geological Engineering, 2017, 35, 1615-1628.	0.8	16
15	Performance of fully encapsulated rebar bolts and D-Bolts under combined pull-and-shear loading. Tunnelling and Underground Space Technology, 2015, 45, 99-106.	3.0	74
16	Influences of Loading Condition and Rock Strength to the Performance of Rock Bolts. Geotechnical Testing Journal, 2015, 38, 20140033.	0.5	23
17	Experimental study and stress analysis of rock bolt anchorage performance. Journal of Rock Mechanics and Geotechnical Engineering, 2014, 6, 428-437.	3.7	82
18	Morphological analysis of sheared rock with water-rock interaction effect. International Journal of Rock Mechanics and Minings Sciences, 2014, 70, 264-272.	2.6	24

#	ARTICLE	IF	CITATIONS
19	Morphological parameters of both surfaces of coupled joint. Journal of Central South University, 2013, 20, 776-785.	1.2	6
20	Effect of water-rock interaction on the morphology of a rock surface. International Journal of Rock Mechanics and Minings Sciences, 2010, 47, 816-822.	2.6	39