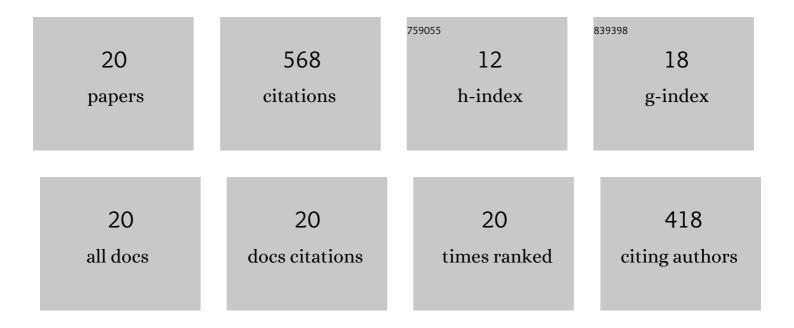
Yu Chen

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	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
3	Experimental study and stress analysis of rock bolt anchorage performance. Journal of Rock Mechanics and Geotechnical Engineering, 2014, 6, 428-437.	3.7	82
4	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
5	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
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	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
8	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
9	Influences of Loading Condition and Rock Strength to the Performance of Rock Bolts. Geotechnical Testing Journal, 2015, 38, 20140033.	0.5	23
10	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
11	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
12	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
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	Morphological parameters of both surfaces of coupled joint. Journal of Central South University, 2013, 20, 776-785.	1.2	6
15	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
16	Quantitative Detection of Rock Crack Width Using Microwave Resonance Vibration Eigenvalues. IEEE Access, 2019, 7, 49858-49871.	2.6	3
17	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
18	Numerical investigation of bolt anchorage with tension force and shear force. IOP Conference Series: Earth and Environmental Science, 2020, 525, 012090.	0.2	1

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#	Article	IF	CITATIONS
19	An Experimental Study on Mechanical Behavior of Parallel Joint Specimens under Compression Shear. Advances in Civil Engineering, 2018, 2018, 1-12.	0.4	0
20	Analysis of the bolt performance with shear force. E3S Web of Conferences, 2020, 198, 01013.	0.2	0