

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	Hydromechanical coupling tests for mechanical and permeability characteristics of fractured limestone in complete stress-strain process. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	101
2	Influence of single flaw on the failure process and energy mechanics of rock-like material. <i>Computers and Geotechnics</i> , 2017, 86, 150-162.	2.3	100
3	Experimental study and stress analysis of rock bolt anchorage performance. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2014, 6, 428-437.	3.7	82
4	Performance of fully encapsulated rebar bolts and D-Bolts under combined pull-and-shear loading. <i>Tunnelling and Underground Space Technology</i> , 2015, 45, 99-106.	3.0	74
5	Effect of water-rock interaction on the morphology of a rock surface. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2010, 47, 816-822.	2.6	39
6	The influence of bedding plane orientation on rock breakages in biaxial states. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 95, 186-193.	2.1	34
7	Morphological analysis of sheared rock with water-rock interaction effect. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2014, 70, 264-272.	2.6	24
8	Analysis of Deformation Characteristics of Fully Grouted Rock Bolts Under Pull-and-Shear Loading. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 2981-2993.	2.6	23
9	Influences of Loading Condition and Rock Strength to the Performance of Rock Bolts. <i>Geotechnical Testing Journal</i> , 2015, 38, 20140033.	0.5	23
10	Anisotropy of Rock Profile JRC Values and Its Empirical Formula: A Case Study on Yellow Rust Granite. <i>Geotechnical and Geological Engineering</i> , 2017, 35, 1645-1655.	0.8	16
11	Study on the Stability and Deformation of the Roadway Subjected to High In-Situ Stresses. <i>Geotechnical and Geological Engineering</i> , 2017, 35, 1615-1628.	0.8	16
12	Mechanical and Propagating Behaviors of Single-Flawed Rock Samples with Hydraulic Pressure and Uniaxial Compression Conditions. <i>International Journal of Geomechanics</i> , 2018, 18, .	1.3	13
13	Relationship between loading angle and displacing angle in steel bolt shearing. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 876-882.	1.7	7
14	Morphological parameters of both surfaces of coupled joint. <i>Journal of Central South University</i> , 2013, 20, 776-785.	1.2	6
15	Analyses of non-aqueous reactive polymer insulation layer in high geothermal tunnel. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2023, 15, 169-178.	3.7	4
16	Quantitative Detection of Rock Crack Width Using Microwave Resonance Vibration Eigenvalues. <i>IEEE Access</i> , 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. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-12.	0.4	2
18	Numerical investigation of bolt anchorage with tension force and shear force. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 525, 012090.	0.2	1

#	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