Bangbiao Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3167233/publications.pdf

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19	519	933264 10	794469 19
papers	citations	h-index	g-index

20	20	20	428
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of grain-to-particle size ratio on the tensile mechanical response of granite based on a novel three-dimensional grain-based model. Engineering Fracture Mechanics, 2022, 259, 108161.	2.0	14
2	Shear Response of Rough Rock Discontinuities Subjected to Impact Loading: Experimental Study and Theoretical Modelling. Lithosphere, 2022, 2022, .	0.6	1
3	Influence of freezeâ€“thaw cycling on the dynamic compressive failure of rocks subjected to hydrostatic pressure. Bulletin of Engineering Geology and the Environment, 2022, 81, .	1.6	10
4	Effect of water content on the mechanical properties of an artificial porous rock. Bulletin of Engineering Geology and the Environment, 2021, 80, 7669-7681.	1.6	10
5	Blasting vibration effect on the buried pipeline: A brief overview. Engineering Failure Analysis, 2021, 129, 105709.	1.8	20
6	Influence of Discontinuities on Rock Failure under Blasting at Shuangjiangkou Hydropower Station. Shock and Vibration, 2021, 2021, 1-17.	0.3	1
7	A quasi-distributed monitoring method for ground settlement using pulse pre-pump Brillouin optical time domain analysis. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107284.	2.5	6
8	Fracture Modes of Single-Flawed Rock-Like Material Plates Subjected to Dynamic Compression. International Journal of Geomechanics, 2020, 20, .	1.3	18
9	Theoretical modeling of the dynamic tensile response of Laurentian granite using the dominant crack algorithm. International Journal of Rock Mechanics and Minings Sciences, 2019, 123, 104077.	2.6	5
10	Dynamic tensile failure of Laurentian granite subjected to triaxial confinement. Geotechnique Letters, 2019, 9, 116-120.	0.6	8
11	A Coupled Damage-Permeability Constitutive Model for Brittle Rocks Subjected to Explosive Loading. Advances in Civil Engineering, 2018, 2018, 1-9.	0.4	3
12	Dynamic rock tensile strengths of Laurentian granite: Experimental observation and micromechanical model. Journal of Rock Mechanics and Geotechnical Engineering, 2017, 9, 116-124.	3.7	48
13	An Experimental Study of Dynamic Tensile Failure of Rocks Subjected to Hydrostatic Confinement. Rock Mechanics and Rock Engineering, 2016, 49, 3855-3864.	2.6	82
14	Determination of Dynamic Flexural Tensile Strength of Thermally Treated Laurentian Granite Using Semi-Circular Specimens. Rock Mechanics and Rock Engineering, 2016, 49, 3887-3898.	2.6	40
15	Dynamic tensile failure of rocks under static pre-tension. International Journal of Rock Mechanics and Minings Sciences, 2015, 80, 12-18.	2.6	81
16	An experimental method to quantify the impact fatigue behavior of rocks. Measurement Science and Technology, 2014, 25, 075002.	1.4	21
17	An Experimental Study on the Mechanical Characteristics of Sandstone-Like Material with Preset Filling Joints. Applied Mechanics and Materials, 2013, 353-356, 644-649.	0.2	0
18	Support vector machines approach to mean particle size of rock fragmentation due to bench blasting prediction. Transactions of Nonferrous Metals Society of China, 2012, 22, 432-441.	1.7	106

#	Article	IF	Citations
19	Predicting pillar stability for underground mine using Fisher discriminant analysis and SVM methods. Transactions of Nonferrous Metals Society of China, 2011, 21, 2734-2743.	1.7	43