

Yao-Hui Gao

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

398
citations

933264

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h-index

1125617

13
g-index

19
all docs

19
docs citations

19
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	A generalized nonlinear three-dimensional failure criterion based on fracture mechanics. Journal of Rock Mechanics and Geotechnical Engineering, 2023, 15, 630-640.	3.7	5
2	A numerical study on true triaxial strength and failure characteristics of jointed marble. Acta Geotechnica, 2022, 17, 2001-2020.	2.9	10
3	Damage and Failure of Hard Rocks Under True Triaxial Compression. , 2022, , 801-818.		0
4	Study on Mechanical and Acoustic Emission Characteristics of the Influence of Rock Bridge Length on Rock Failure. Lithosphere, 2022, 2022, .	0.6	0
5	A Simple Three-Dimensional Failure Criterion for Jointed Rock Masses under True Triaxial Compression. Advances in Civil Engineering, 2021, 2021, 1-9.	0.4	0
6	Experimental study on the damage process of marble under true triaxial pre-peak unloading conditions. International Journal of Damage Mechanics, 2021, 30, 1542-1557.	2.4	20
7	Experimental Study of Size Effects on the Deformation Strength and Failure Characteristics of Hard Rocks under True Triaxial Compression. Advances in Civil Engineering, 2021, 2021, 1-15.	0.4	4
8	Influence of true triaxial stress paths on mechanical properties of marble. IOP Conference Series: Earth and Environmental Science, 2021, 861, 042005.	0.2	0
9	Strength and failure characteristics of jointed marble under true triaxial compression. Bulletin of Engineering Geology and the Environment, 2020, 79, 891-905.	1.6	22
10	Generalized crack damage stress thresholds of hard rocks under true triaxial compression. Acta Geotechnica, 2020, 15, 565-580.	2.9	15
11	Experimental investigation on fracturing process of marble under biaxial compression. Journal of Rock Mechanics and Geotechnical Engineering, 2020, 12, 943-959.	3.7	23
12	Evolution of the mechanical and strength parameters of hard rocks in the true triaxial cyclic loading and unloading tests. International Journal of Rock Mechanics and Minings Sciences, 2020, 131, 104349.	2.6	52
13	Influence of Loading and Unloading Stress Paths on the Deformation and Failure Features of Jinping Marble Under True Triaxial Compression. Rock Mechanics and Rock Engineering, 2020, 53, 3287-3301.	2.6	29
14	Damage and Failure of Hard Rocks Under True Triaxial Compression. , 2020, , 1-18.		0
15	Study on damage evolution of intact and jointed marble subjected to cyclic true triaxial loading. Engineering Fracture Mechanics, 2019, 215, 224-234.	2.0	45
16	Experimental Study to Design an Analog Material for Jinping Marble with High Strength, High Brittleness and High Unit Weight and Ductility. Rock Mechanics and Rock Engineering, 2019, 52, 2279-2292.	2.6	12
17	In Situ Observation of Rock Spalling in the Deep Tunnels of the China Jinping Underground Laboratory (2400m Depth). Rock Mechanics and Rock Engineering, 2018, 51, 1193-1213.	2.6	102
18	Characteristic Stress Levels and Brittle Fracturing of Hard Rocks Subjected to True Triaxial Compression with Low Minimum Principal Stress. Rock Mechanics and Rock Engineering, 2018, 51, 3681-3697.	2.6	56

#	ARTICLE	IF	CITATIONS
19	Study on Failure Difference of Hard Rock Based on a Comparison Between the Conventional Triaxial Test and True Triaxial Test. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	3