Jianqing Jiang

List of Publications by Year
in descending order

19 papers	676 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	327 citing authors

#	Article	IF	Citations
1	Mechanical behavior and failure mechanisms of cylindrical and prismatic rock specimens under various confining stresses. International Journal of Damage Mechanics, 2022, 31, 864-881.	4.2	31
2	Mesoscopic numerical simulations on the influence of needle-like malformed aggregates on the mechanical properties of concrete. Materials and Structures/Materiaux Et Constructions, 2022, 55, 1.	3.1	2
3	Characteristics of microseism generated during rock shear failure under different normal stress conditions: an experimental study. Arabian Journal of Geosciences, 2022, 15, .	1.3	0
4	Effect of the propagation direction of the weak dynamic disturbance on rock failure: an experimental study. Bulletin of Engineering Geology and the Environment, 2021, 80, 1507-1521.	3.5	12
5	Failure characteristics of surrounding rocks along the radial direction of underground excavations: An experimental study. Engineering Geology, 2021, 281, 105984.	6.3	14
6	Experimental study on the characteristics of microseismic signals generated during granite rockburst events. Bulletin of Engineering Geology and the Environment, 2021, 80, 6023-6045.	3.5	19
7	Experimental Study on the Failure Characteristics of Granite Subjected to Weak Dynamic Disturbance Under Different σ_3 Conditions. Rock Mechanics and Rock Engineering, 2021, 54, 5577-5590.	5.4	13
8	Effect of initial damage on remotely triggered rockburst in granite: an experimental study. Bulletin of Engineering Geology and the Environment, 2020, 79, 3175-3194.	3.5	26
9	Influence of loading rate on strainburst: an experimental study. Bulletin of Engineering Geology and the Environment, 2019, 78, 3559-3573.	3.5	41
10	Experimental study on energy dissipation of fragments during rockburst. Bulletin of Engineering Geology and the Environment, 2019, 78, 5369-5386.	3.5	32
11	Uncertain Prediction for Slope Displacement Time-Series Using Gaussian Process Machine Learning. IEEE Access, 2019, 7, 27535-27546.	4.2	12
12	Gaussian Process-Based Response Surface Method for Slope Reliability Analysis. Advances in Civil Engineering, 2019, 2019, 1-11.	0.7	4
13	True-Triaxial Experimental Study of the Evolutionary Features of the Acoustic Emissions and Sounds of Rockburst Processes. Rock Mechanics and Rock Engineering, 2018, 51, 375-389.	5.4	104
14	Experimental Study of Influence of Support Failures on Rockbursts under True-Triaxial Condition. Advances in Civil Engineering, 2018, 2018, 1-20.	0.7	1
15	Influence of Tunnel Axis Stress on Strainburst: An Experimental Study. Rock Mechanics and Rock Engineering, 2017, 50, 1551-1567.	5.4	123
16	Experimental Study of Remotely Triggered Rockburst Induced by a Tunnel Axial Dynamic Disturbance Under True-Triaxial Conditions. Rock Mechanics and Rock Engineering, 2017, 50, 2207-2226.	5.4	91
17	Influence of temperature on the strainburst characteristics of granite under true triaxial loading conditions. Engineering Geology, 2017, 222, 38-52.	6.3	75
18	Influence of Radial Stress Gradient on Strainbursts: An Experimental Study. Rock Mechanics and Rock Engineering, 2017, 50, 2659-2676.	5.4	65

#	Article	IF	Citations
19	A Gaussian process-based response surface method for structural reliability analysis. Structural Engineering and Mechanics, 2015, 56, 549-567.	1.0	11