Weijing Xiao

List of Publications by Year
in descending order

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10 papers	161 citations	1307594 7 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	92 citing authors

#	Article	IF	Citations
1	Evaluation and analysis of sandstone brittleness under the influence of temperature. Geomechanics and Geophysics for Geo-Energy and Geo-Resources, 2022, 8, .	2.9	12
2	Laboratory investigation of the temperature influence on the mechanical properties and fracture crack distribution of rock under uniaxial compression test. Bulletin of Engineering Geology and the Environment, 2021, 80, 1585-1598.	3.5	22
3	Research on Damage and Acoustic Emission Properties of Rock Under Uniaxial Compression. Geotechnical and Geological Engineering, 2021, 39, 3549-3562.	1.7	7
4	Difference Analysis on Sandstone Permeability After Treatment at Different Temperatures During the Failure Process: A Case Study of Sandstone in Chongqing, China. Pure and Applied Geophysics, 2021, 178, 1893-1910.	1.9	7
5	Mechanical and permeation response characteristics of basalt fibre reinforced tailings to different reinforcement technologies: an experimental study. Royal Society Open Science, 2021, 8, 210669.	2.4	3
6	Thermal cracking characteristics and mechanism of sandstone after highâ€temperature treatment. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 3169-3185.	3.4	11
7	Response Characteristics of Coal Measure Strata Subjected to Hydraulic Fracturing: Insights from a Field Test. Energy & Fuels, 2021, 35, 19410-19422.	5.1	3
8	Experimental study on progressive failure process and permeability characteristics of red sandstone under seepage pressure. Engineering Geology, 2020, 265, 105406.	6.3	64
9	Research on Microscopic Fracture Morphology and Damage Constitutive Model of Red Sandstone Under Seepage Pressure. Natural Resources Research, 2020, 29, 3335-3350.	4.7	19
10	Study on Loading Rate Dependence of the Coal Failure Process Based on Uniaxial Compression Test. Pure and Applied Geophysics, 2020, 177, 4925-4941.	1.9	13