

# Weijing Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3125227/publications.pdf>

Version: 2024-02-01

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