

# Ying Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

400  
citations

759233

12  
h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence of Dynamic Tensile Strength of Longyou Sandstone on Heat-Treatment Temperature and Loading Rate. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 3899-3915.	5.4	57
2	Effect of microwave irradiation on dynamic mode- $\text{I}^{\text{TM}}$ fracture parameters of Barre granite. <i>Engineering Fracture Mechanics</i> , 2020, 224, 106748.	4.3	53
3	Dynamic fragmentation of microwave irradiated rock. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 300-310.	8.1	33
4	Investigation of the Heat-Treatment Effect on Rock Fragmentation Characteristics Using the Dynamic Ball Compression Test. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 2095-2108.	5.4	30
5	Response of Leptynite Subjected to Repeated Impact Loading. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 4137-4141.	5.4	27
6	Support condition monitoring of offshore wind turbines using model updating techniques. <i>Structural Health Monitoring</i> , 2020, 19, 1017-1031.	7.5	24
7	Dynamic Mode II Fracture Toughness of Rocks Subjected to Confining Pressure. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 569-586.	5.4	21
8	Numerical Analysis and Experimental Study of Hard Roofs in Fully Mechanized Mining Faces under Sleeve Fracturing. <i>Minerals (Basel, Switzerland)</i> , 2015, 5, 758-777.	2.0	20
9	Experimental Study of the Dynamic Shear Response of Rocks Using a Modified Punch Shear Method. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 2523-2534.	5.4	19
10	Influence of Notch Geometry on the Rock Fracture Toughness Measurement Using the ISRM Suggested Semi-Circular Bend (SCB) Method. <i>Rock Mechanics and Rock Engineering</i> , 2022, 55, 2239-2253.	5.4	14
11	A study on the modeling of static pressure distribution of wet gas in <sc>V</sc>enturi. <i>AIChE Journal</i> , 2015, 61, 699-708.	3.6	13
12	Stability Analysis of the Arch Crown of a Large-Scale Underground Powerhouse During Excavation. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 2935-2943.	5.4	12
13	Impact Energy Consumption of High-Volume Rubber Concrete with Silica Fume. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-11.	0.7	11
14	Effect of water content on the mechanical properties of an artificial porous rock. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 7669-7681.	3.5	10
15	A modified triaxial split Hopkinson pressure bar (SHPB) system for quantifying the dynamic compressive response of porous rocks subjected to coupled hydraulic-mechanical loading. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	2.9	10
16	Influence of freeze-thaw cycling on the dynamic compressive failure of rocks subjected to hydrostatic pressure. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, .	3.5	10
17	Influence of thermal treatment on dynamic mode $\text{I}^{\text{TM}}$ fracture properties of rocks using the short core in compression (SCC) method. <i>Theoretical and Applied Fracture Mechanics</i> , 2022, 119, 103383.	4.7	8
18	An h-adaptive numerical manifold method for solid mechanics problems. <i>Science China Technological Sciences</i> , 2018, 61, 923-933.	4.0	6

#	ARTICLE	IF	CITATIONS
19	The Diffraction of Rayleigh Waves by Twin Circular Cavities in a Poroelastic Half-Space. Journal of Earthquake Engineering, 2018, 22, 970-987.	2.5	5
20	Zonal Disintegration Mechanism of Deep Rock Masses under Coupled High Axial Geostress and Blasting Load. Shock and Vibration, 2018, 2018, 1-11.	0.6	4
21	Energy Analysis on Dynamic Fragmentation Degree of Cemented Sand Specimens under Confining Pressure. Shock and Vibration, 2019, 2019, 1-12.	0.6	4
22	Quantitative Damage and Fracture Mode of Sandstone under Uniaxial Load Based on Acoustic Emission. Advances in Civil Engineering, 2020, 2020, 1-9.	0.7	4
23	CNN-based bolt loosening identification framework for prefabricated large-span spatial structures. Journal of Civil Structural Health Monitoring, 2022, 12, 517-536.	3.9	4
24	A dynamic point-load test for quantifying rock dynamic strength parameters. Review of Scientific Instruments, 2017, 88, 113901.	1.3	1
25	Investigation of the metal tube floater flowmeter based on the LMBR algorithm of neural network. , 0, , .		0
26	Relationship between Fractal Dimension of Fragmentation Degree and Energy Dissipation of Rock-Like Materials under Initial Stress. Shock and Vibration, 2020, 2020, 1-10.	0.6	0