

# Yi Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

325  
citations

1307366

7  
h-index

887953

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on dynamic mechanical properties and meso-damage mechanism of jointed rock under impact load. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 1141-1157.	1.0	6
2	Study on S-wave propagation through parallel rock joints under in situ stress. <i>Waves in Random and Complex Media</i> , 2022, 32, 1174-1197.	1.6	13
3	Numerical analysis on rock blasting damage in Xiluodu underground powerhouse using an improved constitutive model. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 3009-3026.	1.0	8
4	Research on triaxial compression failure characteristics and meso-simulation of brittle gypsum material. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 5241-5258.	1.0	2
5	Distribution of cracks in an anchored cavern under blast load based on cohesive elements. <i>Scientific Reports</i> , 2022, 12, 4478.	1.6	2
6	Experimental research on the mechanical properties and energy transfer of fractured granite under triaxial loading. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	1.6	5
7	Experimental Study on Damage Evolution Model of Freeze-Thaw Mortar under Different Strain Rates. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	1.3	2
8	Vibration velocity and frequency characteristics of surrounding rock of adjacent tunnel under blasting excavation. <i>Scientific Reports</i> , 2022, 12, 8453.	1.6	6
9	PPV distribution of sidewalls induced by underground cavern blasting excavation. <i>Scientific Reports</i> , 2021, 11, 6647.	1.6	5
10	A study on hollow effect and safety design of deep crossing caverns under blasting vibration. <i>Tunnelling and Underground Space Technology</i> , 2021, 111, 103866.	3.0	13
11	Study on timing sequence control fracture blasting excavation of deep rock masses with filled joints. <i>Scientific Reports</i> , 2021, 11, 21056.	1.6	1
12	Numerical simulation of influence of filled joint on the crack formed by notch hole blast. <i>European Journal of Environmental and Civil Engineering</i> , 2020, 24, 423-439.	1.0	7
13	Study on Dynamic Mechanical Properties and Meso-Deterioration Mechanism of Sandstone Under Cyclic Impact Load. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 3863-3875.	1.7	12
14	Study on the Stability of Rock Slope Under the Coupling of Stress Field, Seepage Field, Temperature Field and Chemical Field. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8315-8329.	1.7	11
15	Study on Transient Unloading Loosening Simulation Test of Excavation of Jointed Rock Mass. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2020, , 1-38.	0.9	3
16	Numerical Simulation Research of Smooth Wall Blasting Using the Timing Sequence Control Method under Different Primary Blast Hole Shapes. <i>Shock and Vibration</i> , 2019, 2019, 1-16.	0.3	11
17	Numerical Simulation Three-Dimensional Nonlinear Seepage in a Pumped-Storage Power Station: Case Study. <i>Energies</i> , 2019, 12, 180.	1.6	6
18	Numerical study on S-wave transmission across a rough, filled discontinuity. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	4

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19	Numerical Simulation of Blast Vibration and Crack Forming Effect of Rock-Anchored Beam Excavation in Deep Underground Caverns. Shock and Vibration, 2017, 2017, 1-13.	0.3	8
20	Numerical Evaluation on Dynamic Response of Existing Underlying Tunnel Induced by Blasting Excavation of a Subway Tunnel. Shock and Vibration, 2017, 2017, 1-10.	0.3	7
21	Influence Research of Underground Caverns Blasting Excavation on Excavation Damage Zone of Adjacent Cavern. Advanced Materials Research, 2013, 838-841, 901-906.	0.3	4
22	An introduction to Chinese safety regulations for blasting vibration. Environmental Earth Sciences, 2012, 67, 1951-1959.	1.3	54
23	Dynamic response of rock mass induced by the transient release of in-situ stress. International Journal of Rock Mechanics and Minings Sciences, 2012, 53, 129-141.	2.6	135