

Xing Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

471
citations

687220

13
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713332

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21
all docs

21
docs citations

21
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic photoelastic experimental study on the influence of joint surface geometrical property on wave propagation and stress disturbance. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022, 149, 104985.	2.6	15
2	Storage tank as a pretreatment unit for rainwater cleaner production: Role of biofilm bacterial communities and functional genera in water quality improvement. <i>Journal of Environmental Management</i> , 2022, 303, 114118.	3.8	8
3	Impacts of combined pollution under gradient increasing and gradient decreasing exposure modes on activated sludge: Microbial communities and antibiotic resistance genes. <i>Bioresource Technology</i> , 2022, 345, 126568.	4.8	12
4	Numerical investigation of effect of eccentric decoupled charge structure on blasting-induced rock damage. <i>Journal of Central South University</i> , 2022, 29, 663-679.	1.2	17
5	Application of a synthetic rock mass approach to the simulation of blasting-induced crack propagation and coalescence in deep fractured rock. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2022, 8, 1.	1.3	10
6	Impact of ciprofloxacin and copper combined pollution on activated sludge: Abundant-rare taxa and antibiotic resistance genes. <i>Bioresource Technology</i> , 2022, 349, 126882.	4.8	26
7	The dissimilarity of antibiotic and quorum sensing inhibitor on activated sludge nitrification system: Microbial communities and antibiotic resistance genes. <i>Bioresource Technology</i> , 2022, 351, 127016.	4.8	15
8	Dynamic viscoelastic model for rock joints under compressive loading. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022, 154, 105123.	2.6	5
9	Texture synthesis: A novel method for generating digital models with heterogeneous diversity of rock materials and its CGM verification. <i>Computers and Geotechnics</i> , 2021, 130, 103895.	2.3	19
10	Study on the stiffness degradation in concrete continuous beam with externally prestressed CFRP tendons under fatigue loading. <i>Advances in Structural Engineering</i> , 2021, 24, 2119-2130.	1.2	3
11	Physical and numerical investigations of bedding adhesion strength on stratified rock roof fracture with longwall coal mining. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	1.3	14
12	Study on the effect of micro-geometric heterogeneity on mechanical properties of brittle rock using a grain-based discrete element method coupling with the cohesive zone model. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 140, 104680.	2.6	32
13	Numerical investigation of blast-induced fractures in granite: insights from a hybrid LS-DYNA and UDEC grain-based discrete element method. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2021, 7, 1.	1.3	19
14	Multi-metabolism regulation insights into nutrients removal performance with adding heterotrophic nitrification-aerobic denitrification bacteria in tidal flow constructed wetlands. <i>Science of the Total Environment</i> , 2021, 796, 149023.	3.9	31
15	Seismic interaction between a semi-cylindrical hill and a nearby underground cavity under plane SH waves. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2019, 5, 405-423.	1.3	17
16	An overview of particle-based numerical manifold method and its application to dynamic rock fracturing. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 684-700.	3.7	17
17	Dynamic tensile behaviours of heterogeneous rocks: The grain scale fracturing characteristics on strength and fragmentation. <i>International Journal of Impact Engineering</i> , 2018, 118, 98-118.	2.4	105
18	A numerical study of rock scratch tests using the particle-based numerical manifold method. <i>Tunnelling and Underground Space Technology</i> , 2018, 78, 106-114.	3.0	25

#	ARTICLE	IF	CITATIONS
19	A numerical study of spalling and related rockburst under dynamic disturbance using a particle-based numerical manifold method (PNMM). <i>Tunnelling and Underground Space Technology</i> , 2018, 81, 438-449.	3.0	40
20	Particle-Based Numerical Manifold Method to Model Dynamic Fracture Process in Rock Blasting. <i>International Journal of Geomechanics</i> , 2017, 17, .	1.3	29
21	An unload-induced direct-shear model for granular gouge friction in rock discontinuities. <i>Review of Scientific Instruments</i> , 2014, 85, 093902.	0.6	12