

Yingchao Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

543
citations

687363

13
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642732

23
g-index

27
all docs

27
docs citations

27
times ranked

439
citing authors

#	ARTICLE	IF	CITATIONS
1	Set pair analysis for risk assessment of water inrush in karst tunnels. <i>Bulletin of Engineering Geology and the Environment</i> , 2017, 76, 1199-1207.	3.5	86
2	Effect of a Fault Fracture Zone on the Stability of Tunnel-Surrounding Rock. <i>International Journal of Geomechanics</i> , 2017, 17, .	2.7	65
3	Numerical simulation of particle migration from crushed sandstones during groundwater inrush. <i>Journal of Hazardous Materials</i> , 2019, 362, 327-335.	12.4	52
4	A novel cloud model for risk analysis of water inrush in karst tunnels. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	49
5	Risk assessment of water inrush caused by karst cave in tunnels based on reliability and GA-BP neural network. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 1212-1232.	4.3	42
6	Strength and deformation behaviors of veined marble specimens after vacuum heat treatment under conventional triaxial compression. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2017, 33, 886-898.	3.4	32
7	Study on the seepage characteristics of deep buried tunnels under variable high-pressure water heads. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 1477-1487.	3.5	28
8	Risk Assessment of Water Inrush in Karst Tunnels Based on the Efficacy Coefficient Method. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 1765-1775.	1.2	25
9	Strength degradation and anchoring behavior of rock mass in the fault fracture zone. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	20
10	A Novel Model of the Ideal Point Method Coupled with Objective and Subjective Weighting Method for Evaluation of Surrounding Rock Stability. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-9.	1.1	19
11	A predictive model correlating permeability to two-dimensional fracture network parameters. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 1589-1605.	3.5	18
12	Study on the risk assessment of water inrush in karst tunnels based on intuitionistic fuzzy theory. <i>Geomatics, Natural Hazards and Risk</i> , 2019, 10, 1070-1083.	4.3	17
13	Large-scale model test for studying the water inrush during tunnel excavation in fault. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, .	3.5	16
14	Numerical Simulation on the Seepage Properties of Soil-Rock Mixture. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-10.	1.8	12
15	The variable-mass seepage law of broken porous rock: an experimental study. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 1991-2005.	4.3	10
16	Prediction of Collapse Scope of Deep-Buried Tunnels Using Pressure Arch Theory. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-10.	1.1	8
17	Experimental Study on the Shear Behavior of Bolted Concrete Blocks with Oblique Shear Test. <i>Advances in Civil Engineering</i> , 2018, 2018, 1-8.	0.7	8
18	Experimental Investigation on Shear Behavior of Intact Sandstones under Constant Normal Stiffness Conditions. <i>International Journal of Geomechanics</i> , 2021, 21, 04020259.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Investigating Water Permeation through the Soil-Rock Mixture in Underground Engineering. Polish Journal of Environmental Studies, 2017, 26, 1777-1788.	1.2	6
20	Risk assessment and implementation of deformation disaster for operation tunnel based on entropy weight-grey relational analysis. Geomatics, Natural Hazards and Risk, 2022, 13, 1831-1848.	4.3	6
21	The failure characteristics around shallow buried tunnels under rainfall conditions. Geomatics, Natural Hazards and Risk, 2021, 12, 363-380.	4.3	5
22	Experimental Study on the Failure Mechanism of Tunnel Surrounding Rock under Different Groundwater Seepage Paths. Geofluids, 2021, 2021, 1-17.	0.7	3
23	Experimental Study on Mechanical Property and Pore Distribution of Limestone Specimens after Heat Treatment under Different Heating Conditions. Advances in Materials Science and Engineering, 2021, 2021, 1-14.	1.8	3
24	Experimental study on the permeability and seepage characteristics of bimsoils. Geomatics, Natural Hazards and Risk, 2021, 12, 3001-3020.	4.3	2
25	Investigation on the evolution mechanism of water and mud inrush disaster in fractured rock mass of mountain tunnel. Geomatics, Natural Hazards and Risk, 2022, 13, 1780-1804.	4.3	2
26	DEM-CFD investigation on the effects of angularity and roughness on the mass loss of soil rock mixtures. European Journal of Environmental and Civil Engineering, 0, , 1-17.	2.1	1
27	A New Bayesian Network Model for the Risk Assessment of Water Inrush in Karst Tunnels. Geofluids, 2022, 2022, 1-12.	0.7	1