

Yuwei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

563
citations

686830

13
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Creep properties and damage constitutive model of salt rock under uniaxial compression. <i>International Journal of Damage Mechanics</i> , 2020, 29, 902-922.	2.4	89
2	Experimental study on creep properties of salt rock under long-period cyclic loading. <i>International Journal of Fatigue</i> , 2021, 143, 106009.	2.8	57
3	Centrifuge modelling of twin-tunnelling induced ground movements in loess strata. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	51
4	Mechanical properties and damage constitutive model for uniaxial compression of salt rock at different loading rates. <i>International Journal of Damage Mechanics</i> , 2021, 30, 739-763.	2.4	50
5	Monitoring and reinforcement of landslide induced by tunnel excavation: A case study from Xiamaixi tunnel. <i>Tunnelling and Underground Space Technology</i> , 2021, 110, 103796.	3.0	43
6	Experimental study on the effect of water gushing on loess metro tunnel. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	34
7	Optimization Analysis of Controlled Blasting for Passing through Houses at Close Range in Super-Large Section Tunnels. <i>Shock and Vibration</i> , 2019, 2019, 1-16.	0.3	31
8	Physical modeling of wetting-induced collapse of shield tunneling in loess strata. <i>Tunnelling and Underground Space Technology</i> , 2019, 90, 208-219.	3.0	29
9	A New Soil-Water Characteristic Curve Model for Unsaturated Loess Based on Wetting-Induced Pore Deformation. <i>Geofluids</i> , 2019, 2019, 1-14.	0.3	28
10	Modeling of Loess Soaking Induced Impacts on a Metro Tunnel Using a Water Soaking System in Centrifuge. <i>Geofluids</i> , 2019, 2019, 1-17.	0.3	27
11	Study on adaptability of primary support arch cover method for large-span embedded tunnels in the upper-soft lower-hard stratum. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401882537.	0.8	23
12	Investigation of the microstructure damage and mechanical properties evolution of limestone subjected to high-pressure water. <i>Construction and Building Materials</i> , 2022, 316, 125871.	3.2	21
13	A New Method for Predicting Ground Settlement Induced by Pipe Jacking Construction. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-11.	0.6	17
14	Numerical analysis and application of the construction method for the small interval tunnel in the turn line of metro. <i>Science Progress</i> , 2020, 103, 36850420932067.	1.0	15
15	A New Modified Peck Formula for Predicting the Surface Settlement Based on Stochastic Medium Theory. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-14.	0.4	13
16	Coupling Analysis of Tunnel Construction Risk in Complex Geology and Construction Factors. <i>Journal of Construction Engineering and Management - ASCE</i> , 2022, 148, .	2.0	11
17	Abnormal Precursory Information Analysis of the Infrared Radiation Temperature (IRT) before Sandstone Failure. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 4173-4183.	0.9	10
18	Stability Analysis of TBM Tunnel Undercrossing Existing High-Speed Railway Tunnel: A Case Study from Yangtaishan Tunnel of Shenzhen Metro Line 6. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-18.	0.4	5

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19	Creep Properties and Constitutive Model of Salt Rock. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-29.	0.4	5
20	Risk Analysis of Tunnel Construction Scheme Change based on Field Monitoring and Numerical Analysis. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-15.	0.4	2
21	Optimization of Construction Parameters and Deformation Characteristics of Large-Section Loess Tunnel: A Case Study from Xi'an Metro. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-21.	0.4	2
22	Analysis on the Influence of Shaft and Cross Passage Turn to the Main Line of Ingate under Different Construction Schemes. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-16.	0.4	0