

Jianping Yang

List of Publications by Year in descending order

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17
papers

276
citations

933447

10
h-index

940533

16
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18
all docs

18
docs citations

18
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation on the stability of deforming fractured rocks using discrete fracture networks: a case study of underground excavation. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 133-151.	3.5	34
2	A structural health monitoring system for data analysis of segment joint opening in an underwater shield tunnel. <i>Structural Health Monitoring</i> , 2020, 19, 1032-1050.	7.5	34
3	Numerical evaluation of a yielding tunnel lining support system used in limiting large deformation in squeezing rock. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	32
4	Performance of New Type of Foamed Concrete in Supporting Tunnel in Squeezing Rock. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	26
5	Experimental investigation on the stress sensitivity of permeability in naturally fractured shale. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	25
6	Study of airflow in a cold-region tunnel using a standard $k\epsilon$ turbulence model and air-rock heat transfer characteristics: validation of the CFD results. <i>Heat and Mass Transfer</i> , 2013, 49, 327-336.	2.1	23
7	Application of the orthogonal design method in geotechnical parameter back analysis for underground structures. <i>Bulletin of Engineering Geology and the Environment</i> , 2016, 75, 239-249.	3.5	20
8	Integrated Approach for Structural Stability Evaluation Using Real-Time Monitoring and Statistical Analysis: Underwater Shield Tunnel Case Study. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, .	2.0	19
9	Settlement behaviors investigation for underwater tunnel considering the impacts of fractured medium and water pressure. <i>Marine Georesources and Geotechnology</i> , 2021, 39, 639-648.	2.1	16
10	Study on mechanical parameters of fractured rock masses. <i>Science China Technological Sciences</i> , 2011, 54, 140-146.	4.0	12
11	The impact of uneven temperature distribution on stability of concrete structures using data analysis and numerical approach. <i>Advances in Structural Engineering</i> , 2021, 24, 279-290.	2.4	9
12	Investigating the Permeability of Marble under Moderate Pressure and Temperature. <i>Geofluids</i> , 2017, 2017, 1-8.	0.7	6
13	Energy Budget and Fast Rupture on a Near-Excavation Fault: Implications for Mitigating Induced Seismicity. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019360.	3.4	5
14	Analysis of Local Damages Effect on Mechanical Responses of Underwater Shield Tunnel via Field Testing and Numerical Simulation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6575.	2.5	4
15	Application of Digital Image Correlation Technique in Experimental Study of the Creep Behavior and Time Dependent Damage of Natural Rock Salt. <i>Journal of Testing and Evaluation</i> , 2012, 40, 220-226.	0.7	4
16	Temporal-spatial coupled model for multi-prediction of tunnel structure: using deep attention-based temporal convolutional network. <i>Journal of Civil Structural Health Monitoring</i> , 2022, 12, 675-687.	3.9	3
17	A New Evaluation Method for the Uniaxial Compressive Strength ahead of the Tunnel Face Based on the Driving Data and Specification Parameters of TBM. <i>Shock and Vibration</i> , 2019, 2019, 1-9.	0.6	2