Yunxiao Xin

List of Publications by Year in descending order

26 papers	624 citations	623734 14 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	489 citing authors

#	Article	IF	Citations
1	An interval risk assessment method and management of water inflow and inrush in course of karst tunnel excavation. Tunnelling and Underground Space Technology, 2019, 92, 103033.	6.2	82
2	Identification of geological structure which induced heavy water and mud inrush in tunnel excavation: A case study on Lingjiao tunnel. Tunnelling and Underground Space Technology, 2017, 69, 203-208.	6.2	62
3	Multiple resources and their sustainable development in Urban Underground Space. Tunnelling and Underground Space Technology, 2016, 55, 59-66.	6.2	58
4	Extraction and statistics of discontinuity orientation and trace length from typical fractured rock mass: A case study of the Xinchang underground research laboratory site, China. Engineering Geology, 2020, 269, 105553.	6.3	51
5	Study on the demand and driving factors of urban underground space use. Tunnelling and Underground Space Technology, 2016, 55, 52-58.	6.2	49
6	Working in underground spaces: Architectural parameters, perceptions and thermal comfort measurements. Tunnelling and Underground Space Technology, 2018, 71, 428-439.	6.2	49
7	An integrated planning concept for the emerging underground urbanism: Deep City Method Part 2 case study for resource supply and project valuation. Tunnelling and Underground Space Technology, 2013, 38, 569-580.	6.2	44
8	Generation and verification of three-dimensional network of fractured rock masses stochastic discontinuities based on digitalization. Environmental Earth Sciences, 2015, 73, 7075-7088.	2.7	33
9	GIS-based urban underground space resources evaluation toward three-dimensional land planning: A case study in Nantong, China. Tunnelling and Underground Space Technology, 2019, 84, 1-10.	6.2	30
10	The Role of Superabsorbent Polymer on Strength and Microstructure Development in Cemented Dredged Clay with High Water Content. Polymers, 2018, 10, 1069.	4.5	29
11	Thermo-mechanical behavior of energy diaphragm wall: Physical and numerical modelling. Applied Thermal Engineering, 2019, 146, 243-251.	6.0	24
12	Simulation of Fluid Flow in Fractured Rocks Based on the Discrete Fracture Network Model Optimized by Measured Information. International Journal of Geomechanics, 2018, 18, .	2.7	23
13	Numerical modelling of the hydrocarbon generation of <scp>T</scp>ertiary source rocks intruded by doleritic sills in the <scp>Z</scp>hanhua depression, <scp>B</scp>ohai <scp>B</scp>ay <scp>B</scp>asin, <scp>C</scp>hina. Basin Research, 2012, 24, 234-247.	2.7	19
14	Study on three-dimensional fracture network connectivity path of rock mass and seepage characteristics based on equivalent pipe network. Environmental Earth Sciences, 2019, 78, 1.	2.7	14
15	Assessment of potential impact of tunneling on the groundwater in Epi-Fissure-Karst-Zone and ecological environment. Environmental Earth Sciences, 2012, 66, 967-976.	2.7	13
16	An in-situ experimental investigate of thermo-mechanical behavior of a large diameter over length energy pile. Energy and Buildings, 2021, 252, 111474.	6.7	10
17	Investigation of mechanical performance of prestressed steel arch in tunnel. Frontiers of Structural and Civil Engineering, 2017, 11, 360-367.	2.9	7
18	Influence of fault zone on the respect distance and margin for excavation: a case study of the F4 fault in the Jijicao rock block, China. Bulletin of Engineering Geology and the Environment, 2019, 78, 2653-2669.	3.5	6

#	Article	IF	Citations
19	Aperture measurements and seepage properties of typical single natural fractures. Bulletin of Engineering Geology and the Environment, 2021, 80, 8043-8058.	3.5	6
20	Comprehensive identification of statistical homogeneity of fractured rock masses for a candidate HLW repository site, China. Engineering Geology, 2021, 293, 106279.	6.3	6
21	Lateral Stress Characteristics of Steel Structure Wall Module Exerted by Self-Compacting Concrete. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 79-89.	1.9	4
22	Changes of ecological conditions induced by rock tunneling in Laoshan Mountain area. Frontiers of Architecture and Civil Engineering in China, 2008, 2, 366-370.	0.4	2
23	Characterizing the deep pumping-induced subsidence against metro tunnel using vertically distributed fiber-optic sensing. Environmental Earth Sciences, 2021, 80, 1.	2.7	2
24	Investigation of the effect of a resistance grid on a tunnel ventilation physical distorted model. Tunnelling and Underground Space Technology, 2021, 109, 103794.	6.2	1
25	Geological modeling research of Suzhou City based on the identification of urban underground resources. , 2011, , .		0
26	Experimental investigation of the hydraulic properties of large-scale irregular fractured rock masses in granite fault zones. Hydrogeology Journal, 0, , .	2.1	0