

# Yunxiao Xin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5769739/publications.pdf>

Version: 2024-02-01

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	Investigation of the effect of a resistance grid on a tunnel ventilation physical distorted model. <i>Tunnelling and Underground Space Technology</i> , 2021, 109, 103794.	6.2	1
2	Aperture measurements and seepage properties of typical single natural fractures. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 8043-8058.	3.5	6
3	Comprehensive identification of statistical homogeneity of fractured rock masses for a candidate HLW repository site, China. <i>Engineering Geology</i> , 2021, 293, 106279.	6.3	6
4	An in-situ experimental investigate of thermo-mechanical behavior of a large diameter over length energy pile. <i>Energy and Buildings</i> , 2021, 252, 111474.	6.7	10
5	Characterizing the deep pumping-induced subsidence against metro tunnel using vertically distributed fiber-optic sensing. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	2
6	Lateral Stress Characteristics of Steel Structure Wall Module Exerted by Self-Compacting Concrete. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 79-89.	1.9	4
7	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. <i>Engineering Geology</i> , 2020, 269, 105553.	6.3	51
8	Study on three-dimensional fracture network connectivity path of rock mass and seepage characteristics based on equivalent pipe network. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	14
9	An interval risk assessment method and management of water inflow and inrush in course of karst tunnel excavation. <i>Tunnelling and Underground Space Technology</i> , 2019, 92, 103033.	6.2	82
10	GIS-based urban underground space resources evaluation toward three-dimensional land planning: A case study in Nantong, China. <i>Tunnelling and Underground Space Technology</i> , 2019, 84, 1-10.	6.2	30
11	Thermo-mechanical behavior of energy diaphragm wall: Physical and numerical modelling. <i>Applied Thermal Engineering</i> , 2019, 146, 243-251.	6.0	24
12	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. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 2653-2669.	3.5	6
13	Working in underground spaces: Architectural parameters, perceptions and thermal comfort measurements. <i>Tunnelling and Underground Space Technology</i> , 2018, 71, 428-439.	6.2	49
14	The Role of Superabsorbent Polymer on Strength and Microstructure Development in Cemented Dredged Clay with High Water Content. <i>Polymers</i> , 2018, 10, 1069.	4.5	29
15	Simulation of Fluid Flow in Fractured Rocks Based on the Discrete Fracture Network Model Optimized by Measured Information. <i>International Journal of Geomechanics</i> , 2018, 18, .	2.7	23
16	Investigation of mechanical performance of prestressed steel arch in tunnel. <i>Frontiers of Structural and Civil Engineering</i> , 2017, 11, 360-367.	2.9	7
17	Identification of geological structure which induced heavy water and mud inrush in tunnel excavation: A case study on Lingjiao tunnel. <i>Tunnelling and Underground Space Technology</i> , 2017, 69, 203-208.	6.2	62
18	Study on the demand and driving factors of urban underground space use. <i>Tunnelling and Underground Space Technology</i> , 2016, 55, 52-58.	6.2	49

#	ARTICLE	IF	CITATIONS
19	Multiple resources and their sustainable development in Urban Underground Space. Tunnelling and Underground Space Technology, 2016, 55, 59-66.	6.2	58
20	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
21	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
22	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
23	Numerical modelling of the hydrocarbon generation of tertiary source rocks intruded by doleritic sills in the Zhanhua depression, Bohai Bay basin, China. Basin Research, 2012, 24, 234-247.	2.7	19
24	Geological modeling research of Suzhou City based on the identification of urban underground resources. , 2011, , .		0
25	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
26	Experimental investigation of the hydraulic properties of large-scale irregular fractured rock masses in granite fault zones. Hydrogeology Journal, 0, , .	2.1	0