

Junling Qiu

List of Publications by Year in descending order

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45
papers

1,878
citations

218592

26
h-index

254106

43
g-index

47
all docs

47
docs citations

47
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of seismic disasters and aseismic measures of tunnels in Wenchuan earthquake. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	118
2	A state-of-the-art review of sustainable energy based freeze proof technology for cold-region tunnels in China. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3554-3569.	8.2	109
3	Freeze-proof method and test verification of a cold region tunnel employing electric heat tracing. <i>Tunnelling and Underground Space Technology</i> , 2016, 60, 56-65.	3.0	103
4	Investigating the Long-Term Settlement of a Tunnel Built over Improved Loessial Foundation Soil Using Jet Grouting Technique. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	1.0	97
5	Fiber Bragg Grating Sensors-Based In Situ Monitoring and Safety Assessment of Loess Tunnel. <i>Journal of Sensors</i> , 2016, 2016, 1-10.	0.6	96
6	Extreme deformation characteristics and countermeasures for a tunnel in difficult grounds in southern Shaanxi, China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	85
7	Vibration Response Characteristics of the Cross Tunnel Structure. <i>Shock and Vibration</i> , 2016, 2016, 1-16.	0.3	84
8	Response characteristics and preventions for seismic subsidence of loess in Northwest China. <i>Natural Hazards</i> , 2018, 92, 1909-1935.	1.6	81
9	Prediction of Soil Deformation in Tunnelling Using Artificial Neural Networks. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-16.	1.1	72
10	Review of the flame retardancy on highway tunnel asphalt pavement. <i>Construction and Building Materials</i> , 2019, 195, 468-482.	3.2	70
11	Investigation Progresses and Applications of Fractional Derivative Model in Geotechnical Engineering. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-15.	0.6	63
12	The catastrophic landslide in Maoxian County, Sichuan, SW China, on June 24, 2017. <i>Natural Hazards</i> , 2017, 89, 1485-1493.	1.6	61
13	Geohazards, reflection and challenges in Mountain tunnel construction of China: a data collection from 2002 to 2018. <i>Geomatics, Natural Hazards and Risk</i> , 2020, 11, 766-785.	2.0	60
14	Shield-driven induced ground surface and Ming Dynasty city wall settlement of Xi'an metro. <i>Tunnelling and Underground Space Technology</i> , 2020, 97, 103220.	3.0	55
15	Building information modelling review with potential applications in tunnel engineering of China. <i>Royal Society Open Science</i> , 2017, 4, 170174.	1.1	54
16	Blasting Vibration Monitoring of Undercrossing Railway Tunnel Using Wireless Sensor Network. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 703980.	1.3	51
17	Centrifuge modelling of twin-tunnelling induced ground movements in loess strata. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	0.6	51
18	Failure behavior investigation of loess metro tunnel under local-high-pressure water environment. <i>Engineering Failure Analysis</i> , 2020, 115, 104631.	1.8	49

#	ARTICLE	IF	CITATIONS
19	Structural Safety Assessment of Existing Multiarch Tunnel: A Case Study. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-11.	1.0	47
20	New Technology and Experimental Study on Snow-Melting Heated Pavement System in Tunnel Portal. <i>Advances in Materials Science and Engineering</i> , 2015, 2015, 1-11.	1.0	46
21	Moisture absorption characteristics and thermal insulation performance of thermal insulation materials for cold region tunnels. <i>Construction and Building Materials</i> , 2020, 237, 117765.	3.2	38
22	Structural Response of the Metro Tunnel under Local Dynamic Water Environment in Loess Strata. <i>Geofluids</i> , 2019, 2019, 1-16.	0.3	34
23	Experimental study on the effect of water gushing on loess metro tunnel. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	34
24	Seepage characteristics in loess strata subjected to single point water supply. <i>Journal of Hydrology</i> , 2022, 609, 127611.	2.3	30
25	Countermeasures to treat collapse during the construction of road tunnel in fault zone: a case study from the Yezhuping Tunnel in south Qinling, China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	29
26	Safety Risks and Protection Measures for City Wall during Construction and Operation of Xi'an Metro. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, .	1.0	27
27	Response mechanism of metro tunnel structure under local collapse in loess strata. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	1.3	24
28	Settlement Analysis of Saturated Tailings Dam Treated by CFG Pile Composite Foundation. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-10.	1.0	21
29	Application of Wireless Intelligent Control System for HPS Lamps and LEDs Combined Illumination in Road Tunnel. <i>Computational Intelligence and Neuroscience</i> , 2014, 2014, 1-7.	1.1	20
30	Field Experiment on Soaking Characteristics of Collapsible Loess. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-17.	1.0	20
31	Automatic Monitoring System in Underground Engineering Construction: Review and Prospect. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-16.	0.4	17
32	Performance of a deep excavation in Lanzhou strong permeable sandy gravel strata. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	14
33	Ground fissure disasters and mitigation measures for hazards during metro system construction in Xi'an, China. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	14
34	Immersion mode and spatiotemporal distribution characteristic of water migration in loess tunnel. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	14
35	Stress Analysis of CFG Pile Composite Foundation in Consolidating Saturated Mine Tailings Dam. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-12.	1.0	13
36	Ground fissures geology in Xi'an and failure mitigation measures for utility tunnel system due to geohazard. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	13

#	ARTICLE	IF	CITATIONS
37	Dynamic effect of metro-induced vibration on the rammed earth base of the Bell Tower. SpringerPlus, 2016, 5, 935.	1.2	12
38	Displacement Characteristics of an Urban Tunnel in Silty Soil by the Shallow Tunnelling Method. Advances in Civil Engineering, 2020, 2020, 1-16.	0.4	12
39	Treatment and Effect of Loess Metro Tunnel under Surrounding Pressure and Water Immersion Environment. Geofluids, 2020, 2020, 1-18.	0.3	11
40	Failure analysis and deformation mechanism of segmented utility tunnels crossing ground fissure zones with different intersection angles. Engineering Failure Analysis, 2022, 139, 106456.	1.8	10
41	In Situ Test of Grouting Reinforcement for Water-Enriched Sandy Gravel Ground in River Floodplain. Advances in Materials Science and Engineering, 2016, 2016, 1-12.	1.0	5
42	Corrigendum to "Fiber Bragg Grating Sensors-Based In Situ Monitoring and Safety Assessment of Loess Tunnel" Journal of Sensors, 2019, 2019, 1-1.	0.6	4
43	Study on the Surrounding Rock Pressure Characteristics of Loess Tunnel Based on Statistical Analysis in China. Applied Sciences (Switzerland), 2022, 12, 6329.	1.3	4
44	Static Analytical Approach of Moderately Thick Cylindrical Ribbed Shells Based on First-Order Shear Deformation Theory. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	3
45	Application of Energy-Concentrated Hydraulic Blasting Technology in Tunnel Construction in China. Shock and Vibration, 2022, 2022, 1-17.	0.3	1