

Jianxiu Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/209735/publications.pdf>

Version: 2024-02-01

46
papers

876
citations

471061

17
h-index

476904

29
g-index

49
all docs

49
docs citations

49
times ranked

594
citing authors

#	ARTICLE	IF	CITATIONS
1	Erosion-creep-collapse mechanism of underground soil loss for the karst rocky desertification in Chenqi village, Puding county, Guizhou, China. <i>Environmental Earth Sciences</i> , 2014, 72, 2751-2764.	1.3	81
2	Numerical study of dewatering in a large deep foundation pit. <i>Environmental Earth Sciences</i> , 2013, 69, 863-872.	1.3	64
3	Field experiment and numerical simulation of coupling non-Darcy flow caused by curtain and pumping well in foundation pit dewatering. <i>Journal of Hydrology</i> , 2017, 549, 277-293.	2.3	59
4	Hydraulic barrier function of the underground continuous concrete wall in the pit of subway station and its optimization. <i>Environmental Geology</i> , 2009, 57, 447-453.	1.2	55
5	Controlling subsidence caused by de-watering in a deep foundation pit. <i>Bulletin of Engineering Geology and the Environment</i> , 2012, 71, 545-555.	1.6	50
6	Using Bayesian networks in analyzing powerful earthquake disaster chains. <i>Natural Hazards</i> , 2013, 68, 509-527.	1.6	49
7	Field experiments and numerical simulations of confined aquifer response to multi-cycle recharge recovery process through a well. <i>Journal of Hydrology</i> , 2012, 464-465, 328-343.	2.3	46
8	Physical model test of transparent soil on coupling effect of cut-off wall and pumping wells during foundation pit dewatering. <i>Acta Geotechnica</i> , 2019, 14, 141-162.	2.9	46
9	Using partial penetrating wells and curtains to lower the water level of confined aquifer of gravel. <i>Engineering Geology</i> , 2013, 161, 16-25.	2.9	44
10	Inference of creep mechanism in underground soil loss of karst conduits I. Conceptual model. <i>Natural Hazards</i> , 2012, 62, 1191-1215.	1.6	43
11	Model test on partial expansion in stratified subsidence during foundation pit dewatering. <i>Journal of Hydrology</i> , 2018, 557, 489-508.	2.3	41
12	Johnson Holmquist-II (JH-2) Constitutive Model for Rock Materials: Parameter Determination and Application in Tunnel Smooth Blasting. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1675.	1.3	40
13	Areal subsidence under pumping well curtain interaction in subway foundation pit dewatering: conceptual model and numerical simulations. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	35
14	Fractal characteristics and stability of soil aggregates in karst rocky desertification areas. <i>Natural Hazards</i> , 2013, 65, 563-579.	1.6	29
15	Laboratory model tests on water inrush in foundation pit bottom. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	20
16	Dewatering of a 32.55 m Deep Foundation Pit in MAMA Under Leakage Risk Conditions. <i>KSCE Journal of Civil Engineering</i> , 2018, 22, 2784-2801.	0.9	20
17	Field experiments and numerical simulations of whirlpool foundation pit dewatering. <i>Environmental Earth Sciences</i> , 2014, 71, 3245-3257.	1.3	18
18	A physical and numerical model-based research on the subsidence features of overlying strata caused by coal mining in Henan, China. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	16

#	ARTICLE	IF	CITATIONS
19	In-site experiments on the swelling characteristics of a shield tunnel in expansive clay: A case study. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 976-986.	0.9	10
20	Multi-scale geotechnical features of dredger fills and subsidence risk evaluation in reclaimed land using BN. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 947-969.	1.2	9
21	Theoretical and experimental study of consolidation settlement characteristics of hydraulic fill soil in Shanghai. <i>Environmental Earth Sciences</i> , 2012, 67, 1397-1405.	1.3	8
22	Study of soil structures strength and stiffness loss based on thermodynamics and continuum mechanics. <i>Environmental Earth Sciences</i> , 2015, 73, 4143-4149.	1.3	8
23	Investigation and evaluation of contamination in dredged reclaimed land in China. <i>Marine Georesources and Geotechnology</i> , 2018, 36, 603-616.	1.2	8
24	Numerical Investigation on Influential Factors for Quality of Smooth Blasting in Rock Tunnels. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-17.	0.4	8
25	A Case Study on Stratified Settlement and Rebound Characteristics due to Dewatering in Shanghai Subway Station. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	0.8	6
26	Liquefaction behavior of dredged silty-fine sands under cyclic loading for land reclamation: laboratory experiment and numerical simulation. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	6
27	Numerical Simulation on the Response of Adjacent Underground Pipelines to Super Shallow Buried Large Span Double-Arch Tunnel Excavation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 621.	1.3	6
28	Numerical evaluation of a 70-m deep hydropower station foundation pit dewatering. <i>Environmental Earth Sciences</i> , 2022, 81, .	1.3	6
29	Dynamic Risk Assessment of Ultra-Shallow-Buried and Large-Span Double-Arch Tunnel Construction. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11721.	1.3	5
30	Mechanical Properties of Recycled Concrete in Marine Environment. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	0.8	4
31	Distribution and origination of zinc contamination in newly reclaimed heterogeneous dredger fills: Field investigation and numerical simulation. <i>Marine Pollution Bulletin</i> , 2019, 149, 110496.	2.3	4
32	Laboratory experiments on HMC coupling mechanisms in innovative clean foundation treatments for Zn-contaminated dredger fills. <i>Science of the Total Environment</i> , 2020, 702, 134939.	3.9	4
33	Evaluation of impact level of blasting-induced over-break by probabilistic neural network. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	4
34	Intelligent Control of Smooth Blasting Quality in Rock Tunnels Using BP-ANN, ENN, and ANFIS. <i>Geofluids</i> , 2021, 2021, 1-24.	0.3	4
35	Numerical Simulation of Rock Mass Structure Effect on Tunnel Smooth Blasting Quality: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10761.	1.3	4
36	Estimation model of sandy soil liquefaction based on RES model. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	3

#	ARTICLE	IF	CITATIONS
37	Experiment and Numerical Simulation on Grouting Reinforcement Parameters of Ultra-Shallow Buried Double-Arch Tunnel. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10491.	1.3	3
38	Elasto-plastic analysis of circular tunnel in rock mass with confining stress-dependent strain-softening behavior considering intermediate principal stress. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	2
39	Numerical Simulation of Ultra-Shallow Buried Large-Span Double-Arch Tunnel Excavated under an Expressway. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 39.	1.3	2
40	Model test of the tunnel subjected to high water pressure in Jinping Second Cascade Hydropower Station, China. <i>Science China Technological Sciences</i> , 2011, 54, 192-198.	2.0	1
41	Point-line-area-volume index system of land subsidence and application in Ningbo, China. <i>Natural Hazards</i> , 2013, 69, 2197-2214.	1.6	1
42	Erratum to "A Case Study on Stratified Settlement and Rebound Characteristics due to Dewatering in Shanghai Subway Station". <i>Scientific World Journal</i> , The, 2013, 2013, 1-1.	0.8	1
43	Evaluation of the Total Quality of Tunnel Contour Using Projection Pursuit Dynamic Cluster Method. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-17.	0.4	1
44	Transparent soil test evaluation of vertical-horizontal mixed curtain during dewatering. <i>Acta Geotechnica</i> , 2022, 17, 3293-3313.	2.9	1
45	Numerical simulation of foundation pit dewatering using horizontal seepage reducing body. <i>Scientific Reports</i> , 2022, 12, 1397.	1.6	1
46	A Bayesian Network for Both Land Subsidence Risk and Soil Contamination Risk Evaluation in Large-Scale Reclaimed Lands of Shanghai, China. <i>Springer Series in Geomechanics and Geoengineering</i> , 2020, , 47-56.	0.0	0