Jianxiu Wang

List of Publications by Year
in descending order

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	Transparent soil test evaluation of verticalâ€“horizontal mixed curtain during dewatering. Acta Geotechnica, 2022, 17, 3293-3313.	2.9	1
2	Numerical Simulation on the Response of Adjacent Underground Pipelines to Super Shallow Buried Large Span Double-Arch Tunnel Excavation. Applied Sciences (Switzerland), 2022, 12, 621.	1.3	6
3	Numerical simulation of foundation pit dewatering using horizontal seepage reducing body. Scientific Reports, 2022, 12, 1397.	1.6	1
4	Numerical Simulation of Ultra-Shallow Buried Large-Span Double-Arch Tunnel Excavated under an Expressway. Applied Sciences (Switzerland), 2022, 12, 39.	1.3	2
5	Numerical evaluation of a 70-m deep hydropower station foundation pit dewatering. Environmental Earth Sciences, 2022, 81, .	1.3	6
6	Intelligent Control of Smooth Blasting Quality in Rock Tunnels Using BP-ANN, ENN, and ANFIS. Geofluids, 2021, 2021, 1-24.	0.3	4
7	Evaluation of the Total Quality of Tunnel Contour Using Projection Pursuit Dynamic Cluster Method. Advances in Civil Engineering, 2021, 2021, 1-17.	0.4	1
8	Elasto-plastic analysis of circular tunnel in rock mass with confining stress-dependent strain-softening behavior considering intermediate principal stress. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	2
9	Experiment and Numerical Simulation on Grouting Reinforcement Parameters of Ultra-Shallow Buried Double-Arch Tunnel. Applied Sciences (Switzerland), 2021, 11, 10491.	1.3	3
10	Numerical Simulation of Rock Mass Structure Effect on Tunnel Smooth Blasting Quality: A Case Study. Applied Sciences (Switzerland), 2021, 11, 10761.	1.3	4
11	Dynamic Risk Assessment of Ultra-Shallow-Buried and Large-Span Double-Arch Tunnel Construction. Applied Sciences (Switzerland), 2021, 11, 11721.	1.3	5
12	Multi-scale geotechnical features of dredger fills and subsidence risk evaluation in reclaimed land using BN. Marine Georesources and Geotechnology, 2020, 38, 947-969.	1.2	9
13	Laboratory experiments on HMC coupling mechanisms in innovative clean foundation treatments for Zn-contaminated dredger fills. Science of the Total Environment, 2020, 702, 134939.	3.9	4
14	Numerical Investigation on Influential Factors for Quality of Smooth Blasting in Rock Tunnels. Advances in Civil Engineering, 2020, 2020, 1-17.	0.4	8
15	Evaluation of impact level of blasting-induced over-break by probabilistic neural network. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	4
16	A Bayesian Network for Both Land Subsidence Risk and Soil Contamination Risk Evaluation in Large-Scale Reclaimed Lands of Shanghai, China. Springer Series in Geomechanics and Geoengineering, 2020, , 47-56.	0.0	0
17	Distribution and origination of zinc contamination in newly reclaimed heterogeneous dredger fills: Field investigation and numerical simulation. Marine Pollution Bulletin, 2019, 149, 110496.	2.3	4
18	Physical model test of transparent soil on coupling effect of cut-off wall and pumping wells during foundation pit dewatering. Acta Geotechnica, 2019, 14, 141-162.	2.9	46

#	Article	IF	Citations
19	Model test on partial expansion in stratified subsidence during foundation pit dewatering. Journal of Hydrology, 2018, 557, 489-508.	2.3	41
20	Investigation and evaluation of contamination in dredged reclaimed land in China. Marine Georesources and Geotechnology, 2018, 36, 603-616.	1.2	8
21	Johnsonâ€“Holmquist-II(JH-2) Constitutive Model for Rock Materials: Parameter Determination and Application in Tunnel Smooth Blasting. Applied Sciences (Switzerland), 2018, 8, 1675.	1.3	40
22	Estimation model of sandy soil liquefaction based on RES model. Arabian Journal of Geosciences, 2018, 11, 1.	0.6	3
23	Dewatering of a 32.55 m Deep Foundation Pit in MAMA Under Leakage Risk Conditions. KSCE Journal of Civil Engineering, 2018, 22, 2784-2801.	0.9	20
24	Liquefaction behavior of dredged silty-fine sands under cyclic loading for land reclamation: laboratory experiment and numerical simulation. Environmental Earth Sciences, 2018, 77, 1.	1.3	6
25	Field experiment and numerical simulation of coupling non-Darcy flow caused by curtain and pumping well in foundation pit dewatering. Journal of Hydrology, 2017, 549, 277-293.	2.3	59
26	A physical and numerical model-based research on the subsidence features of overlying strata caused by coal mining in Henan, China. Environmental Earth Sciences, 2017, 76, 1.	1.3	16
27	In-site experiments on the swelling characteristics of a shield tunnel in expansive clay: A case study. KSCE Journal of Civil Engineering, 2017, 21, 976-986.	0.9	10
28	Laboratory model tests on water inrush in foundation pit bottom. Environmental Earth Sciences, 2016, 75, 1.	1.3	20
29	Areal subsidence under pumping wellâ€“curtain interaction in subway foundation pit dewatering: conceptual model and numerical simulations. Environmental Earth Sciences, 2016, 75, 1.	1.3	35
30	Study of soil structures strength and stiffness loss based on thermodynamics and continuum mechanics. Environmental Earth Sciences, 2015, 73, 4143-4149.	1.3	8
31	Field experiments and numerical simulations of whirlpool foundation pit dewatering. Environmental Earth Sciences, 2014, 71, 3245-3257.	1.3	18
32	Erosion-creep-collapse mechanism of underground soil loss for the karst rocky desertification in Chenqi village, Puding county, Guizhou, China. Environmental Earth Sciences, 2014, 72, 2751-2764.	1.3	81
33	Point-line-area-volume index system of land subsidence and application in Ningbo, China. Natural Hazards, 2013, 69, 2197-2214.	1.6	1
34	Using Bayesian networks in analyzing powerful earthquake disaster chains. Natural Hazards, 2013, 68, 509-527.	1.6	49
35	Numerical study of dewatering in a large deep foundation pit. Environmental Earth Sciences, 2013, 69, 863-872.	1.3	64
36	Fractal characteristics and stability of soil aggregates in karst rocky desertification areas. Natural Hazards, 2013, 65, 563-579.	1.6	29

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37	Using partial penetrating wells and curtains to lower the water level of confined aquifer of gravel. Engineering Geology, 2013, 161, 16-25.	2.9	44
38	Erratum to â€œA Case Study on Stratified Settlement and Rebound Characteristics due to Dewatering in Shanghai Subway Stationâ€• Scientific World Journal, The, 2013, 2013, 1-1.	0.8	1
39	Mechanical Properties of Recycled Concrete in Marine Environment. Scientific World Journal, The, 2013, 2013, 1-8.	0.8	4
40	A Case Study on Stratified Settlement and Rebound Characteristics due to Dewatering in Shanghai Subway Station. Scientific World Journal, The, 2013, 2013, 1-9.	0.8	6
41	Controlling subsidence caused by de-watering in a deep foundation pit. Bulletin of Engineering Geology and the Environment, 2012, 71, 545-555.	1.6	50
42	Theoretical and experimental study of consolidation settlement characteristics of hydraulic fill soil in Shanghai. Environmental Earth Sciences, 2012, 67, 1397-1405.	1.3	8
43	Field experiments and numerical simulations of confined aquifer response to multi-cycle rechargeâ€“recovery process through a well. Journal of Hydrology, 2012, 464-465, 328-343.	2.3	46
44	Inference of creep mechanism in underground soil loss of karst conduits I. Conceptual model. Natural Hazards, 2012, 62, 1191-1215.	1.6	43
45	Model test of the tunnel subjected to high water pressure in Jinping Second Cascade Hydropower Station, China. Science China Technological Sciences, 2011, 54, 192-198.	2.0	1
46	Hydraulic barrier function of the underground continuous concrete wall in the pit of subway station and its optimization. Environmental Geology, 2009, 57, 447-453.	1.2	55