

Ping Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4196213/publications.pdf>

Version: 2024-02-01

42
papers

935
citations

430442

18
h-index

454577

30
g-index

43
all docs

43
docs citations

43
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation of frost heave with coupled water freezing, temperature and stress fields in tunnel excavation. <i>Computers and Geotechnics</i> , 2006, 33, 330-340.	2.3	95
2	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
3	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
4	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
5	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
6	Quantitative analysis of the microstructure of Shanghai muddy clay before and after freezing. <i>Bulletin of Engineering Geology and the Environment</i> , 2012, 71, 309-316.	1.6	43
7	Characterization of freeze-thaw effects within clay by 3D X-ray Computed Tomography. <i>Cold Regions Science and Technology</i> , 2018, 148, 13-21.	1.6	41
8	Ground temperature characteristics during artificial freezing around a subway cross passage. <i>Transportation Geotechnics</i> , 2019, 20, 100250.	2.0	39
9	Structural change and volumetric shrinkage of clay due to freeze-thaw by 3D X-ray computed tomography. <i>Cold Regions Science and Technology</i> , 2017, 138, 108-116.	1.6	38
10	Characteristics of red clay creep in karst caves and loss leakage of soil in the karst rocky desertification area of Puding County, Guizhou, China. <i>Environmental Earth Sciences</i> , 2011, 63, 543-549.	1.3	35
11	Impact of freeze-thaw on the physical properties and compressibility of saturated clay. <i>Cold Regions Science and Technology</i> , 2019, 168, 102873.	1.6	32
12	Freeze-thaw impact on macropore structure of clay by 3D X-ray computed tomography. <i>Engineering Geology</i> , 2021, 280, 105921.	2.9	31
13	Fractal characteristics and stability of soil aggregates in karst rocky desertification areas. <i>Natural Hazards</i> , 2013, 65, 563-579.	1.6	29
14	Test on cyclic creep behavior of mucky clay in Shanghai under step cyclic loading. <i>Environmental Earth Sciences</i> , 2011, 63, 321-327.	1.3	28
15	Cyclic direct shear behaviors of frozen soil-structure interface under constant normal stiffness condition. <i>Cold Regions Science and Technology</i> , 2014, 102, 52-62.	1.6	25
16	Water and salt migration mechanisms of saturated chloride clay during freeze-thaw in an open system. <i>Cold Regions Science and Technology</i> , 2021, 186, 103277.	1.6	25
17	Cyclic direct shear behaviors of an artificial frozen soil-structure interface under constant normal stress and sub-zero temperature. <i>Cold Regions Science and Technology</i> , 2017, 133, 70-81.	1.6	24
18	Electrical properties of frozen saline clay and their relationship with unfrozen water content. <i>Cold Regions Science and Technology</i> , 2020, 178, 103127.	1.6	23

#	ARTICLE	IF	CITATIONS
19	Impacts of surface roughness and loading conditions on cyclic direct shear behaviors of an artificial frozen silt-structure interface. <i>Cold Regions Science and Technology</i> , 2014, 106-107, 183-193.	1.6	22
20	Characterizing the pore size distribution of a chloride silt soil during freeze-thaw processes via nuclear magnetic resonance relaxometry. <i>Soil Science Society of America Journal</i> , 2020, 84, 1577-1591.	1.2	19
21	Field experiments and numerical simulations of whirlpool foundation pit dewatering. <i>Environmental Earth Sciences</i> , 2014, 71, 3245-3257.	1.3	18
22	Resilient and plastic strain behavior of freezing-thawing mucky clay under subway loading in Shanghai. <i>Natural Hazards</i> , 2014, 72, 771-787.	1.6	15
23	A Study on Micro-Pore Characteristics of Clay Due to Freeze-Thaw and Compression by Mercury Intrusion Porosimetry. <i>Frontiers in Earth Science</i> , 2020, 7, .	0.8	15
24	Characteristics of deformation of saturated soft clay under the load of Shanghai subway line No.2. <i>Environmental Geology</i> , 2008, 54, 1197-1203.	1.2	12
25	A model for evaluating settlement of clay subjected to freeze-thaw under overburden pressure. <i>Cold Regions Science and Technology</i> , 2020, 173, 102996.	1.6	12
26	In situ monitoring of temperature and deformation fields of a tunnel cross passage in Changzhou Metro constructed by AGF. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	0.6	12
27	Study on land subsidence under different plot ratios through centrifuge model test in soft-soil territory. <i>Environmental Earth Sciences</i> , 2012, 66, 1809-1816.	1.3	9
28	Interface shear characteristics of dredger fill and concrete using large size direct shear test. <i>International Journal of Geo-Engineering</i> , 2018, 9, 1.	0.9	9
29	Investigating Influence of Metro Jet System Hydration Heat on Artificial Ground Freezing Using Numerical Analysis. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 724-734.	0.9	9
30	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
31	Experimental study on deformation characteristics of chloride silty clay during freeze-thaw in an open system. <i>Cold Regions Science and Technology</i> , 2022, 197, 103518.	1.6	7
32	An Artificial Freezing Technique to Facilitate Shield Tail Brush Replacement under High Pore-Water Pressure Using Liquid Nitrogen. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 1504-1514.	0.9	6
33	Experimental study on the shear behavior of frozen cemented sand-structure interface. <i>Cold Regions Science and Technology</i> , 2022, 197, 103516.	1.6	6
34	Investigation of Frost-Heaving Characteristics of Horizontal- Cup-Shape Frozen Ground Surface for Reinforced End Soil Mass in Shield Tunnel Construction. <i>Periodica Polytechnica: Civil Engineering</i> , 0, , .	0.6	5
35	Investigating Hydration Heat and Thermal Properties of MJS Treated Soil. <i>KSCE Journal of Civil Engineering</i> , 2022, 26, 1683-1694.	0.9	3
36	Experimental evaluation of uniaxial strength and creep behavior of frozen gravel. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2022, 45, 195-204.	0.6	3

#	ARTICLE	IF	CITATIONS
37	APPLICATION OF FREEZING METHOD TO RECOVER TUNNEL ACCIDENT IN COMPLEX STRATUM OF NANJING SUBWAY. , 2005, , .		2
38	Strength and Stiffness of Stabilized Alluvial Silt under Frost Actions. Advances in Materials Science and Engineering, 2017, 2017, 1-13.	1.0	2
39	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
40	Synthesis, structure, and luminescence of a coordination polymer from fumaropimaric acid and a water cluster. Journal of Coordination Chemistry, 2015, 68, 1238-1250.	0.8	1
41	Effect of Osmotic Pressure on Migration Behavior of nZnO in GCLs. Advances in Civil Engineering, 2018, 2018, 1-9.	0.4	1
42	Characterizing Influence of Salt and Freeze-Thaw Cycle on Strength Properties of Clay. International Journal of Applied Mechanics, 2022, 14, .	1.3	1