

# Xianzhang Ling

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

134  
citations

1307594

7  
h-index

1372567

10  
g-index

23  
all docs

23  
docs citations

23  
times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on the dynamic behavior of expansive soil in slopes under freeze-thaw cycles. <i>Cold Regions Science and Technology</i> , 2019, 163, 27-33.	3.5	26
2	Advances in Properties of Rubber Reinforced Soil. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-16.	0.7	12
3	Graphene/zinc bismuthate nanorods composites and their electrochemical sensing performance for ascorbic acid. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 58-64.	2.1	10
4	Seismic behavior of breakwaters on complex ground by numerical tests: Liquefaction and post liquefaction ground settlements. <i>Earthquake Engineering and Engineering Vibration</i> , 2018, 17, 325-342.	2.3	9
5	Seismic Response of a Bridge Crossing a Canyon to Near-Fault Acceleration-Pulse Ground Motions. <i>Journal of Bridge Engineering</i> , 2021, 26, .	2.9	9
6	Settlement mechanism of piled-raft foundation due to cyclic train loads and its countermeasure. <i>Earthquake Engineering and Engineering Vibration</i> , 2017, 16, 499-511.	2.3	7
7	CPT-based analysis of structured soil characteristics and liquefaction failure of the Yellow River Subaquatic Delta. <i>Marine Georesources and Geotechnology</i> , 0, , 1-20.	2.1	7
8	Soil Classification and Site Variability Analysis Based on CPT—A Case Study in the Yellow River Subaquatic Delta, China. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 431.	2.6	7
9	Effects of sliding liquefaction on homogeneous loess landslides in western China. <i>Scientific Reports</i> , 2021, 11, 11941.	3.3	7
10	Model Test Study on Stability Factors of Expansive Soil Slopes with Different Initial Slope Ratios under Freeze-Thaw Conditions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8480.	2.5	7
11	Studies on Bearing Characteristic of Open-Ended and Close-Ended Pipe Piles under High-Speed Railway Loadings. <i>International Journal of Structural Stability and Dynamics</i> , 2021, 21, .	2.4	6
12	Assessing the influence of liquefied soil resistance on the critical axial load of rock-socketed piles: shake-table test and numerical analyses. <i>Acta Geotechnica</i> , 2021, 16, 3975-3990.	5.7	5
13	Evaluation of the soil characteristic parameters of the Yellow River Subaqueous Delta using CPT. <i>Marine Georesources and Geotechnology</i> , 2022, 40, 1-13.	2.1	4
14	Effect of silt/clay content on shear wave velocity in the Yellow River Delta (China), based on the cone penetration test (CPT). <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	3.5	4
15	Effect of freeze-thaw cycles on the physical and dynamic characteristic of modified Na-bentonite by KCl. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	3
16	Acceleration Frequency Characteristics of the Freight-Train-Induced Vibration of the Beijing-Harbin Railway Subgrade. <i>Shock and Vibration</i> , 2020, 2020, 1-11.	0.6	3
17	On the Location of Multiple Failure Slip Surfaces in Slope Stability Problems Using the Meshless SPH Algorithm. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-8.	0.7	2
18	Dynamic Behavior of Geosynthetic-Reinforced Expansive Soil under Freeze-Thaw Cycles. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-11.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Study of a strength prediction model of unsaturated compacted expansive soil under freeze-thaw cycles. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	2
20	Influence of a binder material on the mechanical properties and model parameters of a subgrade filler. Arabian Journal of Geosciences, 2022, 15, 1.	1.3	2
21	Investigation of piles behavior under lateral cyclic load. Engineering Review, 2019, 39, 213-220.	0.5	0
22	Model Test on the Vibration Reduction Characteristics of a Composite Foundation with Gravel Cushion under Different Seismic Wave Amplitudes. Shock and Vibration, 2021, 2021, 1-13.	0.6	0
23	Numerical investigation for liquefaction mitigation of saturated sand stratum reinforced by fiber. , 2021, , .		0