

Bo Huang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

147
citations

1478505

6
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Hazard and seismic reinforcement analysis for typical large dams following the Wenchuan earthquake. <i>Engineering Geology</i> , 2015, 194, 86-97.	6.3	40
2	Application of particle image velocimetry (PIV) in the study of uplift mechanisms of pipe buried in medium dense sand. <i>Journal of Civil Structural Health Monitoring</i> , 2015, 5, 599-614.	3.9	20
3	Microscopic mechanism and analytical modeling of seepage-induced erosion in bimodal soils. <i>Computers and Geotechnics</i> , 2022, 141, 104527.	4.7	18
4	Review on Numerical Simulation of the Internal Soil Erosion Mechanisms Using the Discrete Element Method. <i>Water (Switzerland)</i> , 2021, 13, 169.	2.7	16
5	Uplifting Behavior of Shallow Buried Pipe in Liquefiable Soil by Dynamic Centrifuge Test. <i>Scientific World Journal, The</i> , 2014, 2014, 1-15.	2.1	11
6	Research on Impact Process of Lander Footpad against Simulant Lunar Soils. <i>Shock and Vibration</i> , 2015, 2015, 1-24.	0.6	7
7	Experimental Study on the Permeability Characteristic of Fused Quartz Sand and Mixed Oil as a Transparent Soil. <i>Water (Switzerland)</i> , 2019, 11, 2514.	2.7	7
8	Study on a calibration equation for soil water content in field tests using time domain reflectometry. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 240-252.	2.4	6
9	Experimental Study on Uplift Mechanisms of Pipes Buried in Sloping Medium Dense Sand. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2021, 12, .	1.6	6
10	Analytical solution for upheaval buckling of shallow buried pipelines in inclined cohesionless soil. <i>Journal of Zhejiang University: Science A</i> , 2021, 22, 369-381.	2.4	5
11	Seismic Fortification Analysis of the Guoduo Gravity Dam in Tibet, China. <i>Shock and Vibration</i> , 2015, 2015, 1-15.	0.6	4
12	Novel Approach for Generating Homogeneous Samples for Discrete-Element-Method Studies. <i>International Journal of Geomechanics</i> , 2022, 22, .	2.7	4
13	Analysis of the dynamic stress path under obliquely incident P-waves and its influencing factors. <i>Journal of Zhejiang University: Science A</i> , 2017, 18, 776-792.	2.4	2
14	Fragility Analysis of RC Frame Structures Subjected to Obliquely Incident Seismic Waves. <i>Sustainability</i> , 2021, 13, 1108.	3.2	1
15	Experimental investigation of the influence on static and cyclic deformation of structural soft clay of stress level. <i>Frontiers of Architecture and Civil Engineering in China</i> , 2007, 1, 422-429.	0.4	0