

Bo Huang

List of Publications by Year in descending order

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15
papers

147
citations

1478505

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1199594

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all docs

15
docs citations

15
times ranked

138
citing authors

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