

Honghua Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

378
citations

932766

10
h-index

794141

19
g-index

24
all docs

24
docs citations

24
times ranked

377
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of chemical stabilizers on an expansive clay. <i>KSCE Journal of Civil Engineering</i> , 2014, 18, 1009-1017.	0.9	63
2	Pressure drop and friction factor of a rectangular channel with staggered mini pin fins of different shapes. <i>Experimental Thermal and Fluid Science</i> , 2016, 71, 57-69.	1.5	52
3	Cyclic and post-cyclic shear behavior of low-plasticity silt with varying clay content. <i>Soil Dynamics and Earthquake Engineering</i> , 2015, 75, 112-120.	1.9	46
4	Reexamination of Lime Stabilization Mechanisms of Expansive Clay. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	34
5	Investigation on the shear moduli and damping ratios of silica gel. <i>Granular Matter</i> , 2014, 16, 449-456.	1.1	32
6	Model Tests of Jacked-Pile Penetration into Sand Using Transparent Soil and Incremental Particle Image Velocimetry. <i>KSCE Journal of Civil Engineering</i> , 2020, 24, 1128-1145.	0.9	26
7	A long-term investigation on microstructure of cement-stabilized handan clay. <i>European Journal of Environmental and Civil Engineering</i> , 2016, 20, 199-214.	1.0	22
8	Investigation of the Stress-Strain and Strength Behaviors of Ice Containing Methane Hydrate. <i>Journal of Cold Regions Engineering - ASCE</i> , 2012, 26, 149-159.	0.5	15
9	The Loading Test on the Single Pile with Pile Cap in Transparent Soil Model. <i>Geotechnical Testing Journal</i> , 2019, 42, 20170153.	0.5	15
10	Hierarchical Modeling Method for DEM Simulation and Its Application in Soil-Pile-Cap Interaction and Impact Case. <i>International Journal of Geomechanics</i> , 2019, 19, .	1.3	14
11	Low Viscosity Pore Fluid to Manufacture Transparent Soil. <i>Geotechnical Testing Journal</i> , 2010, 33, 463-468.	0.5	12
12	Breakage behavior of gravel rock particles under impact force. <i>Computational Particle Mechanics</i> , 2021, 8, 1075-1087.	1.5	10
13	A novel automatic device to measure deformation inside transparent soil based on digital image correlation technology. <i>Measurement Science and Technology</i> , 2019, 30, 035202.	1.4	6
14	Physicochemical Characterization of Cement Stabilized Highly Expansive Soil. , 2013, , .		5
15	Dynamic Properties of Transparent Soil. , 2007, , 1.		4
16	Modelling particle kinetic behaviour considering asperity contact: formulation and DEM simulations. <i>Granular Matter</i> , 2019, 21, 1.	1.1	4
17	A New Spatial Deformation Measurement Method Using 3D Reconstruction Technology during Pile Penetration. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 4106-4120.	0.9	4
18	Camera Calibration Using Neural Network for Image-Based Soil Deformation Measurement Systems. <i>Geotechnical Testing Journal</i> , 2008, 31, 100729.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Experimental investigation of rapid penetration of cylindrical rods into granular materials. Granular Matter, 2022, 24, .	1.1	4
20	A Study of Injection of Chemical Agents in an Expansive Clay. , 2006, , 1659.		2
21	The Influence of Pile Cap to p-y Curves under Lateral Loads. , 2016, , .		1
22	Molecular dynamics simulation of water molecules absorption by different cations based Montmorillonite. Japanese Geotechnical Society Special Publication, 2019, 7, 675-679.	0.2	1
23	Small strain moduli of compacted silt by ultrasonic pulse velocity measurements. Marine Georesources and Geotechnology, 2020, 38, 1257-1264.	1.2	1