

# Honghua Zhao

## List of Publications by Year in descending order

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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	Experimental investigation of rapid penetration of cylindrical rods into granular materials. <i>Granular Matter</i> , 2022, 24, .	1.1	4
2	Breakage behavior of gravel rock particles under impact force. <i>Computational Particle Mechanics</i> , 2021, 8, 1075-1087.	1.5	10
3	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
4	Small strain moduli of compacted silt by ultrasonic pulse velocity measurements. <i>Marine Georesources and Geotechnology</i> , 2020, 38, 1257-1264.	1.2	1
5	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
6	Molecular dynamics simulation of water molecules absorption by different cations based Montmorillonite. <i>Japanese Geotechnical Society Special Publication</i> , 2019, 7, 675-679.	0.2	1
7	Hierarchical Modeling Method for DEM Simulation and Its Application in Soilâ€™Pileâ€™Cap Interaction and Impact Case. <i>International Journal of Geomechanics</i> , 2019, 19, .	1.3	14
8	Modelling particle kinetic behaviour considering asperity contact: formulation and DEM simulations. <i>Granular Matter</i> , 2019, 21, 1.	1.1	4
9	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
10	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
11	The Influence of Pile Cap to p-y Curves under Lateral Loads. , 2016, , .		1
12	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
13	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
14	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
15	Reexamination of Lime Stabilization Mechanisms of Expansive Clay. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	34
16	Effects of chemical stabilizers on an expansive clay. <i>KSCE Journal of Civil Engineering</i> , 2014, 18, 1009-1017.	0.9	63
17	Investigation on the shear moduli and damping ratios of silica gel. <i>Granular Matter</i> , 2014, 16, 449-456.	1.1	32
18	Physicochemical Characterization of Cement Stabilized Highly Expansive Soil. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
19	Investigation of the Stress-Strain and Strength Behaviors of Ice Containing Methane Hydrate. Journal of Cold Regions Engineering - ASCE, 2012, 26, 149-159.	0.5	15
20	Low Viscosity Pore Fluid to Manufacture Transparent Soil. Geotechnical Testing Journal, 2010, 33, 463-468.	0.5	12
21	Camera Calibration Using Neural Network for Image-Based Soil Deformation Measurement Systems. Geotechnical Testing Journal, 2008, 31, 100729.	0.5	4
22	Dynamic Properties of Transparent Soil. , 2007, , 1.		4
23	A Study of Injection of Chemical Agents in an Expansive Clay. , 2006, , 1659.		2