Ji-Peng Wang

List of Publications by Year
in descending order

15	317	1163117 8	996975 15
papers	citations	h-index	g-index

15	15	15	281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil restraint on buried pipelines during oblique relative movements in sand. Marine Georesources and Geotechnology, 2021, 39, 1505-1515.	2.1	4
2	Development of empirical correlations for limit equilibrium methods of slope stability analysis. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	5
3	Architectural Glazed Tiles Used in Ancient Chinese Screen Walls (15thâ€“18th Century AD): Ceramic Technology, Decay Process and Conservation. Materials, 2021, 14, 7146.	2.9	4
4	From Basic Particle Gradation Parameters to Water Retention Curves and Tensile Strength of Unsaturated Granular Soils. International Journal of Geomechanics, 2020, 20, .	2.7	7
5	CFDâ€“DEM Simulations of Seepage-Induced Erosion. Water (Switzerland), 2020, 12, 678.	2.7	13
6	Estimation of Unsaturated Hydraulic Conductivity of Granular Soils from Particle Size Parameters. Water (Switzerland), 2019, 11, 1826.	2.7	10
7	Micro-scale investigation of unsaturated sand in mini-triaxial shearing using X-ray CT. Geotechnique Letters, 2019, 9, 269-277.	1.2	10
8	A DEM investigation of water-bridged granular materials at the critical state. Computational Particle Mechanics, 2019, 6, 637-655.	3.0	5
9	Investigation of the effect of specific interfacial area on strength of unsaturated granular materials by X-ray tomography. Acta Geotechnica, 2019, 14, 1545-1559.	5.7	22
10	A microâ€“macro investigation of the capillary strengthening effect in wet granular materials. Acta Geotechnica, 2018, 13, 513-533.	5.7	36
11	Stressâ€“Forceâ€“Fabric Relationship for Unsaturated Granular Materials in Pendular States. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	21
12	Equations for hydraulic conductivity estimation from particle size distribution: A dimensional analysis. Water Resources Research, 2017, 53, 8127-8134.	4.2	48
13	Estimating water retention curves and strength properties of unsaturated sandy soils from basic soil gradation parameters. Water Resources Research, 2017, 53, 6069-6088.	4.2	48
14	Capillary force and rupture of funicular liquid bridges between three spherical bodies. Powder Technology, 2017, 305, 89-98.	4.2	79
15	Force Transmission Modes of Non-Cohesive and Cohesive Materials at the Critical State. Materials, 2017, 10, 1014.	2.9	5