

Mingjing Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

427
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and DEM analyses on wheel-soil interaction. Journal of Terramechanics, 2018, 76, 15-28.	3.1	48
2	DEM simulation of soil-tool interaction under extraterrestrial environmental effects. Journal of Terramechanics, 2017, 71, 1-13.	3.1	25
3	DEM investigation of mechanical behavior and strain localization of methane hydrate bearing sediments with different temperatures and water pressures. Engineering Geology, 2017, 223, 92-109.	6.3	42
4	DEM modeling of cantilever retaining excavations: implications for lunar constructions. Engineering Computations, 2016, 33, .	1.4	13
5	Noncoaxial Behavior of a Highly Angular Granular Material Subjected to Stress Variations in Simple Vertical Excavation. International Journal of Geomechanics, 2016, 16, .	2.7	8
6	DEM analyses of shear band in granular materials. Engineering Computations, 2015, 32, 985-1005.	1.4	14
7	Investigation of the effect of different gravity conditions on penetration mechanisms by the Distinct Element Method. Engineering Computations, 2015, 32, 2067-2099.	1.4	12
8	Distinct element simulation of lugged wheel performance under extraterrestrial environmental effects. Acta Astronautica, 2014, 99, 37-51.	3.2	27
9	Microscopic contact model of lunar regolith for high efficiency discrete element analyses. Computers and Geotechnics, 2013, 54, 104-116.	4.7	51
10	Properties of TJ-1 Lunar Soil Simulant. Journal of Aerospace Engineering, 2012, 25, 463-469.	1.4	46
11	Distinct element method analyses of idealized bonded-granulate cut slope. Granular Matter, 2012, 14, 393-410.	2.2	43
12	A simple and efficient approach to capturing bonding effect in naturally microstructured sands by discrete element method. International Journal for Numerical Methods in Engineering, 2007, 69, 1158-1193.	2.8	98