

# Ehsan Seyedi Hosseininia

## List of Publications by Year in descending order

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33  
papers

539  
citations

687363

13  
h-index

642732

23  
g-index

35  
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35  
docs citations

35  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Particulate Modeling of Sand Production Using Coupled DEM-LBM. <i>Energies</i> , 2021, 14, 906.	3.1	9
2	Instability of saturated granular materials in biaxial loading with polygonal particles using discrete element Method (DEM). <i>Powder Technology</i> , 2020, 363, 428-441.	4.2	4
3	Numerical Investigation on the Deformational Behavior of Continuous Buried Pipelines Under Reverse Faulting. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 8475-8490.	3.0	6
4	Two-Phase Approach for the Analysis of Laterally Loaded Pile Groups in Sandy Soils. <i>International Journal of Geomechanics</i> , 2020, 20, 04020182.	2.7	1
5	Investigating the Practical Conditions to Utilize Brick Stair Wall Method as a Supporting Structure in Urban Excavation. , 2020, , .		5
6	Experimental investigation on the behavior of fine-grained soils containing waste rubber tires under repeated and static loading using direct shear apparatus. <i>Construction and Building Materials</i> , 2019, 223, 106-119.	7.2	15
7	A simplified solution for piled-raft foundation analysis by using the two-phase approach. <i>Comptes Rendus - Mecanique</i> , 2019, 347, 716-733.	2.1	3
8	A Numerical Investigation on the Performance of the Brick Stair Wall as a Supporting Structure by Considering Adjacent Building. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 1513-1521.	1.9	9
9	Numerical simulation of two-tier geosynthetic-reinforced-soil walls using two-phase approach. <i>Computers and Geotechnics</i> , 2018, 100, 15-29.	4.7	22
10	An experimental investigation on stable arch formation in cohesionless granular materials using developed trapdoor test. <i>Powder Technology</i> , 2018, 330, 137-146.	4.2	27
11	Effect of Load Eccentricity on the Bearing Capacity of Ring Footings. , 2018, , 490-497.		1
12	Numerical Analyses with an Equivalent Continuum Constitutive Model for Reinforced Soils with Angled Bar Components. <i>Springer Series in Geomechanics and Geoengineering</i> , 2018, , 394-397.	0.1	0
13	Bearing Capacity Factors of Ring Footings by Using the Method of Characteristics. <i>Geotechnical and Geological Engineering</i> , 2017, 35, 2137-2146.	1.7	20
14	Comparison between Two Different Pluviation Setups of Sand Specimens. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	2.9	30
15	Bearing capacity of ring footings on cohesionless soil under eccentric load. <i>Computers and Geotechnics</i> , 2017, 92, 169-178.	4.7	30
16	An Experimental Investigation on the Generation of a Stable Arch in Granular Materials Using a Developed Trapdoor Apparatus. <i>EPJ Web of Conferences</i> , 2017, 140, 10002.	0.3	1
17	Bearing Capacity Factors of Ring Footings. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2016, 40, 121-132.	1.9	15
18	A micromechanical study on the stress rotation in granular materials due to fabric evolution. <i>Powder Technology</i> , 2015, 283, 462-474.	4.2	16

#	ARTICLE	IF	CITATIONS
19	Elastic settlement of ring foundations. <i>Soils and Foundations</i> , 2015, 55, 284-295.	3.1	27
20	A modification to dense sand dynamic simulation capability of Pastorâ€“Zienkiewiczâ€“Chan model. <i>Acta Geotechnica</i> , 2014, 9, 343-353.	5.7	13
21	Stressâ€“forceâ€“fabric relationship for planar granular materials. <i>Geotechnique</i> , 2013, 63, 830-841.	4.0	24
22	A study on the effect of particle shape and fragmentation on the mechanical behavior of granular materials using discrete element method. , 2013, , .		2
23	Mechanical behavior modeling of sand-rubber chips mixtures using discrete element method (DEM). , 2013, , .		8
24	Discrete element modeling of inherently anisotropic granular assemblies with polygonal particles. <i>Particuology</i> , 2012, 10, 542-552.	3.6	42
25	Investigating the micromechanical evolutions within inherently anisotropic granular materials using discrete element method. <i>Granular Matter</i> , 2012, 14, 483-503.	2.2	69
26	A non-linear two-phase model for reinforced soils. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2011, 164, 203-211.	1.0	4
27	A non-linear two-phase model for reinforced soils. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2011, , .	1.0	0
28	A simplified two-phase macroscopic model for reinforced soils. <i>Geotextiles and Geomembranes</i> , 2010, 28, 85-92.	4.6	13
29	Development and Validation of a Two-Phase Model for Reinforced Soil by Considering Nonlinear Behavior of Matrix. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 721-735.	2.9	8
30	3D analysis of a micropile umbrella for stabilizing the tunnel face of a NATM tunnel. , 2010, , 765-770.		0
31	Estimated settlements during the Brescia Metrobus tunnel excavation. , 2010, , 789-794.		0
32	Effect of particle breakage on the behavior of simulated angular particle assemblies. <i>Particuology: Science and Technology of Particles</i> , 2007, 5, 328-336.	0.4	21
33	Numerical simulation of breakage of two-dimensional polygon-shaped particles using discrete element method. <i>Powder Technology</i> , 2006, 166, 100-112.	4.2	92