

# Habib Shahnazari

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36 papers	612 citations	14 h-index	24 g-index
39 ext. papers	723 ext. citations	2.6 avg, IF	4.45 L-index

#	Paper	IF	Citations
36	Effective parameters for the particle breakage of calcareous sands: An experimental study. <i>Engineering Geology</i> , <b>2013</b> , 159, 98-105	6	161
35	Application of Soft Computing for Prediction of Pavement Condition Index. <i>Journal of Transportation Engineering</i> , <b>2012</b> , 138, 1495-1506		46
34	Prediction of strain energy-based liquefaction resistance of sand-belt mixtures: An evolutionary approach. <i>Computers and Geosciences</i> , <b>2011</b> , 37, 1883-1893	4.5	35
33	Torsion Shear Tests on Cyclic Stress-Dilatancy Relationship of Sand.. <i>Soils and Foundations</i> , <b>2002</b> , 42, 105-119		30
32	Undrained Cyclic and Monotonic Behavior of Hormuz Calcareous Sand Using Hollow Cylinder Simple Shear Tests. <i>International Journal of Civil Engineering</i> , <b>2016</b> , 14, 209-219	1.9	29
31	The effect of shape and stiffness of originally different marine soil grains on their contractive and dilative behavior. <i>KSCE Journal of Civil Engineering</i> , <b>2014</b> , 18, 975-983	1.9	29
30	Numerical modeling of stress-strain behavior of sand under cyclic loading. <i>Engineering Geology</i> , <b>2010</b> , 116, 53-72	6	28
29	Experimental study on the phase transformation point of crushable and noncrushable soils. <i>Marine Georesources and Geotechnology</i> , <b>2017</b> , 35, 176-185	2.2	25
28	Strength enhancement of geotextile-reinforced carbonate sand. <i>Geotextiles and Geomembranes</i> , <b>2019</b> , 47, 128-139	5.2	24
27	Post-cyclic volumetric strain of calcareous sand using hollow cylindrical torsional shear tests. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2019</b> , 124, 162-171	3.5	23
26	Evolutionary-based approaches for determining the deviatoric stress of calcareous sands. <i>Computers and Geosciences</i> , <b>2013</b> , 50, 84-94	4.5	22
25	Probabilistic Assessment of Liquefaction Occurrence in Calcareous Fill Materials of Kawaihae Harbor, Hawaii. <i>International Journal of Geomechanics</i> , <b>2016</b> , 16, 05016001	3.1	19
24	Post-Cyclic Behavior of Carbonate Sand of the Northern Coast of the Persian Gulf. <i>Marine Georesources and Geotechnology</i> , <b>2016</b> , 34, 169-180	2.2	14
23	Drained shear strength of carbonate sands based on energy approach. <i>International Journal of Geotechnical Engineering</i> , <b>2014</b> , 8, 1-9	1.5	14
22	Prediction of ultimate bearing capacity of shallow foundations on cohesionless soils: An evolutionary approach. <i>KSCE Journal of Civil Engineering</i> , <b>2012</b> , 16, 950-957	1.9	14
21	Mitigation of surface impact loading effects on the underground structures with geofoam barrier: Centrifuge modeling. <i>Tunnelling and Underground Space Technology</i> , <b>2018</b> , 80, 128-142	5.7	11
20	Mitigation of ground vibrations induced by high speed railways using double geofoam barriers: Centrifuge modeling. <i>Geotextiles and Geomembranes</i> , <b>2019</b> , 47, 712-728	5.2	10

19	Application of artificial neural network for calculating anisotropic friction angle of sands and effect on slope stability. <i>Journal of Central South University</i> , <b>2015</b> , 22, 1878-1891	2.1	10
18	Effect of texture of carbonate soils in South Iran coasts on aggregate crushing. <i>Marine Georesources and Geotechnology</i> , <b>2017</b> , 35, 986-998	2.2	9
17	Mechanical properties of ungrouted and grouted carbonate sands. <i>International Journal of Geotechnical Engineering</i> , <b>2010</b> , 4, 507-516	1.5	7
16	Methods for estimating the post-cyclic settlement of Hormuz Island calcareous sand: an experimental study. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1	3.1	6
15	Sliding stability analysis of gravity retaining walls using the pseudo-dynamic method. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , <b>2013</b> , 166, 389-398	0.9	6
14	The cyclic threshold shear strains in very dense clean sand. <i>European Journal of Environmental and Civil Engineering</i> , <b>2015</b> , 19, 884-899	1.5	5
13	Parametric Study on Seismic TopographySoilStructure Interaction; Topographic Effect. <i>Geotechnical and Geological Engineering</i> , <b>2018</b> , 36, 2649-2666	1.5	5
12	Shear behavior of chemically grouted carbonate sands. <i>International Journal of Geotechnical Engineering</i> , <b>2012</b> , 6, 445-454	1.5	5
11	The effects of dissipated energy on mechanical behavior of carbonate sands using monotonic triaxial tests. <i>Japanese Geotechnical Society Special Publication</i> , <b>2016</b> , 2, 397-400	0.2	5
10	Stability analysis of sandy slope considering anisotropy effect in friction angle. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2015</b> , 40, 1955-1974	1	4
9	Effect of cyclic pre-straining on the dynamic behavior of very dense sand. <i>KSCE Journal of Civil Engineering</i> , <b>2015</b> , 19, 63-73	1.9	3
8	Effect of anisotropy on shear behavior of Hormoz carbonate sand. <i>International Journal of Geotechnical Engineering</i> , <b>2018</b> , 12, 484-490	1.5	3
7	Three-dimensional centrifuge modeling of soil nail walls. <i>International Journal of Geotechnical Engineering</i> , <b>2020</b> , 14, 696-703	1.5	3
6	Prediction and experimental evaluation of soil-water retention behavior of skeletal calcareous soils. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2020</b> , 79, 2395-2410	4	2
5	THE NEXT-GENERATION CONSTITUTIVE CORRELATIONS FOR SIMULATION OF CYCLIC STRESS-STRAIN BEHAVIOUR OF SAND. <i>Journal of Civil Engineering and Management</i> , <b>2014</b> , 21, 31-44	3	2
4	The unsaturated shear strength of calcareous soil in comparison with silicate soil. <i>Marine Georesources and Geotechnology</i> , <b>2021</b> , 39, 200-218	2.2	2
3	Effect of air injection on pile and pile group behavior in liquefiable soil. <i>Bulletin of Engineering Geology and the Environment</i> , <b>2020</b> , 79, 4501-4514	4	1
2	Stability Evaluation of Un-braced Cuts. <i>International Journal of Civil Engineering</i> , <b>2018</b> , 16, 1361-1369	1.9	

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An Investigation into the Compressibility and Lateral Stresses of Sand/Carpet Mixtures Using a Large Oedometer Apparatus. *International Journal of Civil Engineering*, **2019**, 17, 1931-1940

1.9