

Asskar Janalizadeh Choobbasti

List of Publications by Year in Descending Order

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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.

61
papers

947
citations

19
h-index

29
g-index

61
ext. papers

1,263
ext. citations

2.6
avg, IF

5.46
L-index

#	Paper	IF	Citations
61	Application of LRBF-DQ and CVBFEM Methods for Evaluating Saturated Sand Liquefaction around Buried Pipeline. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2022 , 13,	1.5	1
60	The presence of colloidal nano silica in sandy soils: a review. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	0
59	The effect of adding polypropylene fibers on the freeze-thaw cycle durability of lignosulfonate stabilised clayey sand. <i>Cold Regions Science and Technology</i> , 2021 , 193, 103418	3.8	0
58	Evaluating the durability, microstructure and mechanical properties of a clayey-sandy soil stabilized with copper slag-based geopolymer against wetting-drying cycles. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 5031-5051	4	7
57	Effect of coal waste on grain failure of cement-stabilized sand due to compaction. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	0
56	Triaxial behaviour of a cemented sand reinforced with Kenaf fibres. <i>European Journal of Environmental and Civil Engineering</i> , 2021 , 25, 1268-1286	1.5	11
55	Evaluation of the seismic response of the slopes in the presence of the horseshoe tunnel. <i>Bulletin of Engineering Geology and the Environment</i> , 2021 , 80, 157-177	4	0
54	Stabilization of sandy soil using microfine cement and nanosilica grout. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1	1.8	1
53	Efficiency of Nondeterministic Methods in Reliability Analysis of Deep Excavations: Case Study of the Soheil Project. <i>International Journal of Geomechanics</i> , 2021 , 21, 05021003	3.1	
52	Influence of the Non-Woven Geotextile (NWG) on the engineering properties of clayey-sand treated with copper slag-based geopolymer. <i>Construction and Building Materials</i> , 2021 , 306, 124830	6.7	1
51	Comparison of different local site effect estimation methods in site with high thickness of alluvial layer deposits: a case study of Babol city. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	3
50	Site response evaluation through measuring the ambient noise (case study: Iran, Babol City). <i>Innovative Infrastructure Solutions</i> , 2020 , 5, 1	2.3	
49	Experimental study of impact of cement treatment on the shear behavior of loess and clay. <i>Arabian Journal of Geosciences</i> , 2020 , 13, 1	1.8	12
48	Evaluation of the impact of fiber reinforcement on the durability of lignosulfonate stabilized clayey sand under wet-dry condition. <i>Transportation Geotechnics</i> , 2020 , 23, 100359	4	10
47	Investigation of the effect of the coal wastes on the mechanical properties of the cement-treated sandy soil. <i>Construction and Building Materials</i> , 2020 , 239, 117848	6.7	12
46	Innovative piled raft foundations design using artificial neural network. <i>Frontiers of Structural and Civil Engineering</i> , 2020 , 14, 138-146	2.5	8
45	Investigation of the Kenaf fiber hybrid length on the properties of the cement-treated sandy soil. <i>Transportation Geotechnics</i> , 2020 , 22, 100301	4	25

44	Effect of fines on liquefaction resistance of sand. <i>Innovative Infrastructure Solutions</i> , 2020 , 5, 1	2.3	5
43	Evaluation of nano-graphene effect on mechanical behavior of clayey sand with microstructural and self-healing approach. <i>Journal of Adhesion Science and Technology</i> , 2020 , 34, 299-318	2	3
42	Improvement of the engineering behavior of sand-clay mixtures using kenaf fiber reinforcement. <i>Transportation Geotechnics</i> , 2019 , 19, 1-8	4	24
41	Behavior of eccentrically loaded shallow foundations resting on composite soils. <i>Journal of Building Engineering</i> , 2019 , 23, 220-230	5.2	4
40	Effects of copper sludge on cemented clay using ultrasonic pulse velocity. <i>Journal of Adhesion Science and Technology</i> , 2019 , 33, 433-444	2	8
39	Effect of liquefaction on nonlinear seismic response in layered soils: a case study of Babol, North of Iran. <i>European Journal of Environmental and Civil Engineering</i> , 2019 , 1-18	1.5	1
38	Investigation of the deformability properties of fiber reinforced cemented sand. <i>Journal of Adhesion Science and Technology</i> , 2019 , 33, 1913-1938	2	21
37	Large-Scale Experimental Investigation of Strength Properties of Composite Clay. <i>Geotechnical and Geological Engineering</i> , 2019 , 37, 5061-5075	1.5	1
36	Mechanical properties soil stabilized with nano calcium carbonate and reinforced with carpet waste fibers. <i>Construction and Building Materials</i> , 2019 , 211, 1094-1104	6.7	52
35	Shear behavior of fiber-reinforced sand composite. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	17
34	Response of micropiles in different seismic conditions. <i>Innovative Infrastructure Solutions</i> , 2019 , 4, 1	2.3	4
33	Modeling of compressive strength of cemented sandy soil. <i>Journal of Adhesion Science and Technology</i> , 2019 , 33, 791-807	2	12
32	Prediction of Liquefaction Potential of Sandy Soil around a Submarine Pipeline under Earthquake Loading. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2019 , 10, 04019002	1.5	10
31	The performance of grouted and un-grouted helical piles in sand. <i>International Journal of Geotechnical Engineering</i> , 2019 , 13, 516-524	1.5	2
30	Application of random set method in a deep excavation: based on a case study in Tehran cemented alluvium. <i>Frontiers of Structural and Civil Engineering</i> , 2019 , 13, 66-80	2.5	2
29	The effect of self-healing process on the strength increase in clay. <i>Journal of Adhesion Science and Technology</i> , 2018 , 32, 1750-1772	2	8
28	Liquefaction maps in Babol City, Iran through probabilistic and deterministic approaches. <i>Geoenvironmental Disasters</i> , 2018 , 5,	3.6	3
27	Numerical analysis of settlement and bearing behaviour of piled raft in Babol clay. <i>European Journal of Environmental and Civil Engineering</i> , 2018 , 22, 978-1003	1.5	20

26	Static and Cyclic Triaxial Behavior of Cemented Sand with Nanosilica. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018269	3	33
25	Reliability analysis of deep excavations by RS and MCS methods: case study. <i>Innovative Infrastructure Solutions</i> , 2018 , 3, 1	2.3	3
24	Economic design optimization of piled raft foundations. <i>Innovative Infrastructure Solutions</i> , 2018 , 3, 1	2.3	4
23	Evaluation of local site effect from microtremor measurements in Babol City, Iran. <i>Journal of Seismology</i> , 2018 , 22, 471-486	1.5	5
22	Comparison of Point Estimate and Monte Carlo probabilistic methods in stability analysis of a deep excavation. <i>International Journal of Geo-Engineering</i> , 2018 , 9, 1	2.1	3
21	Calibration of an Advanced Constitutive Model for Babolsar Sand Accompanied by Liquefaction Analysis. <i>Journal of Earthquake Engineering</i> , 2017 , 21, 679-699	1.8	9
20	Geotechnical properties of the soils modified with nanomaterials: A comprehensive review. <i>Archives of Civil and Mechanical Engineering</i> , 2017 , 17, 639-650	3.4	64
19	Field Study of Capacity Helical Piles in Sand and Silty Clay. <i>Transportation Infrastructure Geotechnology</i> , 2017 , 4, 3-17	1.3	11
18	Effect of fiber reinforcement on deformability properties of cemented sand. <i>Journal of Adhesion Science and Technology</i> , 2017 , 31, 1576-1590	2	25
17	Microstructure characteristics of cement-stabilized sandy soil using nanosilica. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017 , 9, 981-988	5.3	86
16	Application of the microtremor measurements to a site effect study. <i>Earthquake Science</i> , 2017 , 30, 157-164	16	16
15	Effects of Nanosilica Particles and Randomly Distributed Fibers on the Ultrasonic Pulse Velocity and Mechanical Properties of Cemented Sand. <i>Journal of Materials in Civil Engineering</i> , 2017 , 29, 04016230	30	36
14	Piled Raft Design Strategies for High Rise Buildings. <i>Geotechnical and Geological Engineering</i> , 2016 , 34, 75-85	1.5	18
13	Triaxial behavior of fiber-reinforced cemented sand. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 579-593	2	56
12	Experimental Study of Combined Effects of Fibers and Nanosilica on Mechanical Properties of Cemented Sand. <i>Journal of Materials in Civil Engineering</i> , 2016 , 28, 06016001	3	38
11	Computation of degradation factors of p-y curves in liquefiable soils for analysis of piles using three-dimensional finite-element model. <i>Soil Dynamics and Earthquake Engineering</i> , 2016 , 89, 61-74	3.5	6
10	Prediction of combined effects of fibers and cement on the mechanical properties of sand using particle swarm optimization algorithm. <i>Journal of Adhesion Science and Technology</i> , 2015 , 29, 487-501	2	37
9	Mechanical Properties of Sandy Soil Improved with Cement and Nanosilica. <i>Open Engineering</i> , 2015 , 5,	1.7	52

8	Site effect assessment using microtremor measurement, equivalent linear method, and artificial neural network (case study: Babol, Iran). <i>Arabian Journal of Geosciences</i> , 2015 , 8, 1453-1466	1.8	32
7	Mesh-free modeling of liquefaction around a pipeline under the influence of trench layer. <i>Acta Geotechnica</i> , 2015 , 10, 343-355	4.9	19
6	Evaluation of site response characteristic using nonlinear method (Case study: Babol, Iran). <i>Frontiers of Structural and Civil Engineering</i> , 2014 , 8, 69-82	2.5	7
5	Liquefaction assessment using microtremor measurement, conventional method and artificial neural network (Case study: Babol, Iran). <i>Frontiers of Structural and Civil Engineering</i> , 2014 , 8, 292-307	2.5	21
4	Experimental study of the grading characteristic effect on the liquefaction resistance of various graded sands and gravelly sands. <i>Arabian Journal of Geosciences</i> , 2014 , 7, 2739-2748	1.8	25
3	Modeling and optimization of a trench layer location around a pipeline using artificial neural networks and particle swarm optimization algorithm. <i>Tunnelling and Underground Space Technology</i> , 2014 , 40, 192-202	5.7	41
2	Improvement of soft clay using installation of geosynthetic-encased stone columns: numerical study. <i>Arabian Journal of Geosciences</i> , 2014 , 7, 597-607	1.8	11
1	Effect of post-construction moisture condition on mechanical behaviour of Fiber-reinforced-cemented-sand (FRCS). <i>Geomechanics and Geoengineering</i> , 1-13	1.4	1