

Saman Soleimani Kutanaei

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/12039953/saman-soleimani-kutanaei-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

41
papers

970
citations

19
h-index

30
g-index

41
ext. papers

1,245
ext. citations

2.9
avg, IF

5.37
L-index

#	Paper	IF	Citations
41	Modeling and sensitivity analysis of bearing capacity in driven piles using hybrid ANNBSO algorithm. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	2
40	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
39	The presence of colloidal nano silica in sandy soils: a review. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	0
38	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
37	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
36	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
35	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
34	Investigating the effect of rotational components on the progressive collapse of steel structures. <i>Engineering Failure Analysis</i> , 2021 , 121, 105094	3.2	5
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	Investigation of the deformability properties of fiber reinforced cemented sand. <i>Journal of Adhesion Science and Technology</i> , 2019 , 33, 1913-1938	2	21
25	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

24	Shear behavior of fiber-reinforced sand composite. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1	1.8	17
23	Assessment of seismic amplification factor of excavation with support system. <i>Earthquake Engineering and Engineering Vibration</i> , 2019 , 18, 555-566	2	10
22	Modeling of compressive strength of cemented sandy soil. <i>Journal of Adhesion Science and Technology</i> , 2019 , 33, 791-807	2	12
21	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
20	Static and Cyclic Triaxial Behavior of Cemented Sand with Nanosilica. <i>Journal of Materials in Civil Engineering</i> , 2018 , 30, 04018269	3	33
19	Effect of granulated rubber on shear strength of fine-grained sand. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017 , 9, 936-944	5.3	37
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	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	3	36
15	Triaxial behavior of fiber-reinforced cemented sand. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 579-593	2	56
14	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
13	Control-volume-based finite element modelling of liquefaction around a pipeline. <i>Geomatics, Natural Hazards and Risk</i> , 2016 , 7, 1287-1306	3.6	18
12	Identification of soil properties based on accelerometer records and comparison with other methods. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	18
11	Prediction and modeling of mechanical properties in fiber reinforced self-compacting concrete using particle swarm optimization algorithm and artificial neural network. <i>Construction and Building Materials</i> , 2016 , 119, 277-287	6.7	97
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	Modeling of ground motion rotational components for near-fault and far-fault earthquake according to soil type. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 3785-3797	1.8	27

6	Evaluation of effect of soil characteristics on the seismic amplification factor using the neural network and reliability concept. <i>Arabian Journal of Geosciences</i> , 2015 , 8, 3881-3891	1.8	27
5	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
4	Prediction of combined effects of fibers and nanosilica on the mechanical properties of self-compacting concrete using artificial neural network. <i>Latin American Journal of Solids and Structures</i> , 2014 , 11, 1906-1923	1.4	33
3	Prediction of energy absorption capability in fiber reinforced self-compacting concrete containing nano-silica particles using artificial neural network. <i>Latin American Journal of Solids and Structures</i> , 2014 , 11, 966-979	1.4	38
2	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
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