

Soheil Jahandari

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,186
citations

361413

20
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

570
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the use of recycled concrete aggregate and pozzolanic additives in fiber-reinforced pervious concrete with industrial and recycled fibers. <i>Construction and Building Materials</i> , 2020, 252, 118997.	7.2	168
2	Effect of pumice powder and nano-clay on the strength and permeability of fiber-reinforced pervious concrete incorporating recycled concrete aggregate. <i>Construction and Building Materials</i> , 2021, 287, 122652.	7.2	139
3	Corrosion resistance evaluation of rebars with various primers and coatings in concrete modified with different additives. <i>Construction and Building Materials</i> , 2020, 262, 120034.	7.2	115
4	Clayey soil stabilization using alkali-activated volcanic ash and slag. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022, 14, 576-591.	8.1	73
5	Tensile strength prediction of rock material using non-destructive tests: A comparative intelligent study. <i>Transportation Geotechnics</i> , 2021, 31, 100652.	4.5	72
6	Effects of saturation degrees, freezing-thawing, and curing on geotechnical properties of lime and lime-cement concretes. <i>Cold Regions Science and Technology</i> , 2019, 160, 242-251.	3.5	59
7	Effect of curing, capillary action, and groundwater level increment on geotechnical properties of lime concrete: Experimental and prediction studies. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2017, 9, 638-647.	8.1	58
8	Experimental study of the effects of curing time on geotechnical properties of stabilized clay with lime and geogrid. <i>International Journal of Geotechnical Engineering</i> , 2019, 13, 172-183.	2.0	48
9	Experimental study of the effects of geogrids on elasticity modulus, brittleness, strength, and stress-strain behavior of lime stabilized kaolinitic clay. <i>GeoResJ</i> , 2017, 13, 49-58.	1.4	46
10	Geotechnical properties of lime-geogrid improved clayey subgrade under various moisture conditions. <i>Road Materials and Pavement Design</i> , 2022, 23, 2057-2075.	4.0	42
11	A three-dimensional numerical comparison of bearing capacity and settlement of tapered and under-reamed piles. <i>International Journal of Geotechnical Engineering</i> , 2019, 13, 236-248.	2.0	40
12	Experimental and phenomenological study of the effects of adding shredded tire chips on geotechnical properties of peat. <i>International Journal of Geotechnical Engineering</i> , 2018, 12, 347-356.	2.0	38
13	Laboratory Study of the Effect of Degrees of Saturation on Lime Concrete Resistance Due to the Groundwater Level Increment. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 413-424.	1.7	37
14	<i>In-situ</i> strength estimation of polypropylene fibre reinforced recycled aggregate concrete using Schmidt rebound hammer and point load test. <i>Journal of Sustainable Cement-Based Materials</i> , 2020, 9, 289-306.	3.1	35
15	Non-linear behaviour of concrete beams reinforced with GFRP and CFRP bars grouted in sleeves. <i>Structures</i> , 2020, 23, 87-102.	3.6	33
16	Mechanical Properties of Recycled Aggregate Concretes Containing Silica Fume and Steel Fibres. <i>Materials</i> , 2021, 14, 7065.	2.9	31
17	Effects of electrokinetic phenomena on the load-bearing capacity of different steel and concrete piles: a small-scale experimental study. <i>Canadian Geotechnical Journal</i> , 2021, 58, 741-746.	2.8	27
18	The impact of long-term curing period on the mechanical features of lime-geogrid treated soils. <i>Geomechanics and Geoengineering</i> , 2022, 17, 269-281.	1.8	26

#	ARTICLE	IF	CITATIONS
19	Seismic response prediction of FRC rectangular columns using intelligent fuzzy-based hybrid metaheuristic techniques. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 10105-10123.	4.9	23
20	Effects of variations of voltage and pH value on the shear strength of soil and durability of different electrodes and piles during electrokinetic phenomenon. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022, 14, 625-636.	8.1	20
21	Fresh, Mechanical, and Durability Properties of Self-Compacting Mortar Incorporating Alumina Nanoparticles and Rice Husk Ash. <i>Materials</i> , 2021, 14, 6778.	2.9	18
22	Rheology and workability of SCC. , 2020, , 31-63.		16
23	Cu/Oil nanofluids flow over a semi-infinite plate accounting an experimental model. <i>Heat Transfer</i> , 2020, 49, 1338-1354.	3.0	10
24	Properties of Lime-Cement Concrete Containing Various Amounts of Waste Tire Powder under Different Ground Moisture Conditions. <i>Polymers</i> , 2022, 14, 482.	4.5	10
25	A novel TS Fuzzy-GMDH model optimized by PSO to determine the deformation values of rock material. <i>Neural Computing and Applications</i> , 0, , 1.	5.6	2