

Mehdi Mirzababaei

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,729
citations

279778

23
h-index

302107

39
g-index

42
all docs

42
docs citations

42
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of volumetric performance of asphalt mixtures containing recycled construction aggregate (RCA). International Journal of Pavement Engineering, 2022, 23, 2191-2205.	4.4	13
2	Cement stabilisation of recycled concrete aggregate modified with polyvinyl alcohol. International Journal of Pavement Engineering, 2022, 23, 349-357.	4.4	19
3	California Bearing Ratio of a Reactive Clay Treated with Nano-Additives and Cement. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	17
4	Parameters Controlling Strength, Stiffness and Durability of a Fibre-Reinforced Clay. International Journal of Geosynthetics and Ground Engineering, 2022, 8, 1.	2.0	11
5	Recent Advances in Nature-Inspired Solutions for Ground Engineering (NiSE). International Journal of Geosynthetics and Ground Engineering, 2022, 8, 1.	2.0	25
6	Improved Shear Strength Performance of Compacted Rubberized Clays Treated with Sodium Alginate Biopolymer. Polymers, 2021, 13, 764.	4.5	12
7	Simple yet quick stabilization of clay using a waste by-product. Transportation Geotechnics, 2021, 28, 100531.	4.5	18
8	Closure to "Expansive and Compressibility Behavior of Lime Stabilized Fiber-Reinforced Marine Clay" by Vihan Shenal Jayawardane, Vivi Anggraini, Endene Emmanuel, Lee Li Yong, and Mehdi Mirzababaei. Journal of Materials in Civil Engineering, 2021, 33, 07021015.	2.9	0
9	Effect of Nano-Additives on the Strength and Durability Characteristics of Marl. Minerals (Basel), 2021, 11, 10784314.	2.0	13
10	Clegg impact hammer: an equipment for evaluation of the strength characteristics of pavement materials, turf, and natural and artificial playing surfaces: a review. Road Materials and Pavement Design, 2020, 21, 467-485.	4.0	4
11	Recycling waste rubber tyres in construction materials and associated environmental considerations: A review. Resources, Conservation and Recycling, 2020, 155, 104679.	10.8	294
12	Wheel tracker testing of recycled concrete and tyre aggregates in Australia. Geotechnical Research, 2020, 7, 49-57.	1.4	9
13	Expansive and Compressibility Behavior of Lime Stabilized Fiber-Reinforced Marine Clay. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	29
14	Effects of Curing Method and Glass Transition Temperature on the Unconfined Compressive Strength of Acrylic Liquid Polymer-Stabilized Kaolinite. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	27
15	Comparisons of the Resilient Moduli of Asphalt Mixes Containing Recycled Materials through Empirical and Experimental Methods. Journal of Materials in Civil Engineering, 2020, 32, .	2.9	7
16	Civil Infrastructure Confronting Weather Changes and Natural Hazards. Journal of Performance of Constructed Facilities, 2020, 34, 02020001.	2.0	0
17	A dimensional description of the unconfined compressive strength of artificially cemented fine-grained soils. Journal of Adhesion Science and Technology, 2020, 34, 1679-1703.	2.6	12
18	Interface shear strength properties of geogrid-reinforced steel slags using a large-scale direct shear testing apparatus. Geotextiles and Geomembranes, 2020, 48, 625-633.	4.6	32

#	ARTICLE	IF	CITATIONS
19	Amazing Types, Properties, and Applications of Fibres in Construction Materials. <i>Materials</i> , 2019, 12, 2513.	2.9	86
20	Piles Subjected to Torsional Cyclic Load: Numerical Analysis. <i>Frontiers in Built Environment</i> , 2019, 5, .	2.3	6
21	Impact of repeated loading on mechanical response of a reinforced sand. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 804-814.	8.1	13
22	Swellâ€“Shrink Behavior of Rubberized Expansive Clays During Alternate Wetting and Drying. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 224.	2.0	34
23	Discussion of â€œCompaction and Strength Behavior of Tire Crumblesâ€“Fly Ash Mixed with Clayâ€“by Akash Priyadarshee, Arvind Kumar, Deepak Gupta, and Pankaj Pushkarna. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, 07019004.	2.9	3
24	Flexural fatigue strength of demolition aggregates stabilized with alkali-activated calcium carbide residue. <i>Construction and Building Materials</i> , 2019, 199, 115-123.	7.2	35
25	Discussion on â€œEffects of lime addition on geotechnical properties of sedimentary soil in Curitiba, Brazilâ€“[J Rock Mech Geotech Eng 10 (2018) 188â€“194]. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 214-218.	8.1	5
26	Interfacial shear strength of rubber-reinforced clays: a dimensional analysis perspective. <i>Geosynthetics International</i> , 2019, 26, 164-183.	2.9	28
27	A sulphonated oil for stabilisation of expansive soils. <i>International Journal of Pavement Engineering</i> , 2019, 20, 1285-1298.	4.4	44
28	Rubber powderâ€“polymer combined stabilization of South Australian expansive soils. <i>Geosynthetics International</i> , 2018, 25, 304-321.	2.9	79
29	Compressive and Flexural Strength of Polyvinyl Alcoholâ€“Modified Pavement Concrete Using Recycled Concrete Aggregates. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	2.9	54
30	Practical approach to predict the shear strength of fibre-reinforced clay. <i>Geosynthetics International</i> , 2018, 25, 50-66.	2.9	62
31	Effect of fiber reinforcement on shear strength and void ratio of soft clay. <i>Geosynthetics International</i> , 2018, 25, 471-480.	2.9	46
32	Stabilization of soft clay using short fibers and poly vinyl alcohol. <i>Geotextiles and Geomembranes</i> , 2018, 46, 646-655.	4.6	95
33	Polymers for Stabilization of Soft Clay Soils. <i>Procedia Engineering</i> , 2017, 189, 25-32.	1.2	46
34	Shear strength of a fibre-reinforced clay at large shear displacement when subjected to different stress histories. <i>Geotextiles and Geomembranes</i> , 2017, 45, 422-429.	4.6	48
35	Effect of wettingâ€“drying cycles on compressive strength and microstructure of recycled asphalt pavement â€“ Fly ash geopolymer. <i>Construction and Building Materials</i> , 2017, 144, 624-634.	7.2	142
36	Stiffness and deformation properties of spent coffee grounds based geopolymers. <i>Construction and Building Materials</i> , 2017, 138, 79-87.	7.2	46

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37	Recycled glass as a supplementary filler material in spent coffee grounds geopolymers. <i>Construction and Building Materials</i> , 2017, 151, 18-27.	7.2	59
38	Analysis of Strip Footings on Fiber-Reinforced Slopes with the Aid of Particle Image Velocimetry. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	2.9	30
39	Impact of Carpet Waste Fibre Addition on Swelling Properties of Compacted Clays. <i>Geotechnical and Geological Engineering</i> , 2013, 31, 173-182.	1.7	52
40	Unconfined Compression Strength of Reinforced Clays with Carpet Waste Fibers. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 483-493.	3.0	132
41	Effect of polymers on swelling potential of expansive soils. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2009, 162, 111-119.	1.0	39
42	Environmental assessment of cement-stabilised lateritic soil/melamine debris for Thailand's pavement. <i>Environmental Geotechnics</i> , 0, , 1-7.	2.3	3