

Alireza Joshaghani

List of Publications by Year in descending order

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32
papers

1,409
citations

430754

18
h-index

454834

30
g-index

32
all docs

32
docs citations

32
times ranked

1236
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground penetrating radar (GPR) applications in concrete pavements. International Journal of Pavement Engineering, 2022, 23, 4504-4531.	2.2	13
2	Evaluating the Quality of Curing Applications on Concrete Pavements with Ground-Penetrating Radar. Transportation Research Record, 2021, 2675, 106-120.	1.0	5
3	Mechanical Characteristics of Cement Paste in the Presence of Carbon Nanotubes and Silica Oxide Nanoparticles: An Experimental Study. Materials, 2021, 14, 1347.	1.3	22
4	Empirical correlation between mortars mechanical and durability tests with different cementitious materials replacements. Advances in Cement Research, 2020, 32, 169-180.	0.7	2
5	Physical and mechanical properties of polymer modified self-compacting concrete (SCC) using natural and recycled aggregates. Journal of Sustainable Cement-Based Materials, 2020, 9, 1-16.	1.7	21
6	Towards Eco-Flowable Concrete Production. Sustainability, 2020, 12, 1208.	1.6	10
7	Effects of nano-TiO ₂ , nano-Al ₂ O ₃ , and nano-Fe ₂ O ₃ on rheology, mechanical and durability properties of self-consolidating concrete (SCC): An experimental study. Construction and Building Materials, 2020, 245, 118444.	3.2	105
8	Investigating the Effects of Curing Quality on Key Concrete Pavement Surface Properties. Transportation Research Record, 2019, 2673, 71-80.	1.0	9
9	Assessment of Concrete Pavement Set Gradient Based on Analysis of Slab Behavior and Field Test Data. Transportation Research Record, 2019, 2673, 512-523.	1.0	4
10	Identifying the problematic areas with structural deficiencies of pavements using non-destructive tests (NDT). International Journal of Pavement Engineering, 2019, 20, 1359-1369.	2.2	13
11	Effects of the mechanical milling method on transport properties of self-compacting concrete containing perlite powder as a supplementary cementitious material. Construction and Building Materials, 2018, 172, 677-684.	3.2	30
12	Optimizing the mixture design of polymer concrete: An experimental investigation. Construction and Building Materials, 2018, 167, 185-196.	3.2	86
13	Effect of controlled environmental conditions on mechanical, microstructural and durability properties of cement mortar. Construction and Building Materials, 2018, 164, 134-149.	3.2	67
14	Evaluating the effects titanium dioxide on resistance of cement mortar against combined chloride and sulfate attack. Structural Concrete, 2018, 19, 1318-1327.	1.5	6
15	Effects of supplementary cementitious materials on mechanical and durability properties of high-performance non-shrinking grout (HPNSG). Journal of Sustainable Cement-Based Materials, 2018, 7, 38-56.	1.7	22
16	A comprehensive experimental study on the performance of pumice powder in self-compacting concrete (SCC). Journal of Sustainable Cement-Based Materials, 2018, 7, 340-356.	1.7	29
17	Optimization of Coupled Shear Walls Openings Dimensions under Static Loading using Continuous Method. KSCE Journal of Civil Engineering, 2018, 22, 5074-5083.	0.9	1
18	Feasibility of Alkali-Activated Slag Paste as Injection Material for Rehabilitation of Concrete Structures. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	14

#	ARTICLE	IF	CITATIONS
19	Evaluating the Effects of Sugarcane-Bagasse Ash and Rice-Husk Ash on the Mechanical and Durability Properties of Mortar. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, .	1.3	45
20	Nano-SiO ₂ contribution to mechanical, durability, fresh and microstructural characteristics of concrete: A review. <i>Construction and Building Materials</i> , 2018, 181, 27-41.	3.2	161
21	Evaluating the effects of titanium dioxide (TiO ₂) and carbon-nanofibers (CNF) as cement partial replacement on concrete properties. <i>MOJ Civil Engineering</i> , 2018, 4, 29-38.	0.3	13
22	Enhancing the permeability and abrasion resistance of concrete using colloidal nano-SiO ₂ oxide and spraying nanosilicon practices. <i>Construction and Building Materials</i> , 2017, 146, 128-135.	3.2	76
23	Experimental investigation on effects of hybrid fibers on rheological, mechanical, and durability properties of high-strength SCC. <i>Construction and Building Materials</i> , 2017, 147, 497-509.	3.2	120
24	The effect of trass and fly ash in minimizing alkali-carbonate reaction in concrete. <i>Construction and Building Materials</i> , 2017, 150, 583-590.	3.2	30
25	Influence of fibers on drying shrinkage in restrained concrete. <i>Construction and Building Materials</i> , 2017, 148, 833-845.	3.2	118
26	Workability retention and compressive strength of self-compacting concrete incorporating pumice powder and silica fume. <i>Construction and Building Materials</i> , 2017, 134, 116-122.	3.2	129
27	Evaluating the effects of sugar cane bagasse ash (SCBA) and nanosilica on the mechanical and durability properties of mortar. <i>Construction and Building Materials</i> , 2017, 152, 818-831.	3.2	99
28	Concrete pavements curing evaluation with non-destructive tests. <i>Construction and Building Materials</i> , 2017, 154, 1250-1262.	3.2	21
29	Evaluation of mechanical characteristics of concrete beams under constant loading with alkali-silica reaction. <i>International Journal of Structural Engineering</i> , 2017, 8, 327.	0.3	0
30	Experimental Study on the Use of Trass as a Supplementary Cementitious Material in Pervious Concrete. <i>Journal of Environmental Science and Engineering - A</i> , 2017, 6, .	0.1	0
31	Optimizing pervious concrete pavement mixture design by using the Taguchi method. <i>Construction and Building Materials</i> , 2015, 101, 317-325.	3.2	129
32	Mechanical Characteristic of Pervious Concrete Considering the Gradation and Size of Coarse Aggregates. <i>Research Journal of Environmental and Earth Sciences</i> , 2014, 6, 437-442.	0.1	9