

Hossein Mohammadhosseini

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.

52
papers

1,233
citations

21
h-index

34
g-index

54
ext. papers

1,571
ext. citations

4.4
avg, IF

5.59
L-index

#	Paper	IF	Citations
52	Effects of Sulfate and Sulfuric Acid on Efficiency of Geopolymers as Concrete Repair Materials.. <i>Gels</i> , 2022 , 8,	4.2	3
51	Enduring performance of alkali-activated mortars with metakaolin as granulated blast furnace slag replacement. <i>Case Studies in Construction Materials</i> , 2022 , 16, e00845	2.7	3
50	Durability Enhancement of Sustainable Concrete Composites Comprising Waste Metalized Film Food Packaging Fibers and Palm Oil Fuel Ash. <i>Sustainability</i> , 2022 , 14, 5253	3.6	0
49	Synergistic effects of modified sheep wool fibers on impact resistance and strength properties of concrete composites. <i>Construction and Building Materials</i> , 2022 , 336, 127550	6.7	1
48	Retraction notice to [The impact resistance and mechanical properties of concrete reinforced with waste polypropylene carpet fibres][Construction and Building Materials 143 (2017) 147-157]. <i>Construction and Building Materials</i> , 2022 , 341, 127868	6.7	
47	Performance evaluation of reinforced concrete beams with corroded web reinforcement: Experimental and theoretical study. <i>Journal of Building Engineering</i> , 2021 , 35, 102038	5.2	5
46	Green concrete composites production comprising metalized plastic waste fibers and palm oil fuel ash. <i>Materials Today: Proceedings</i> , 2021 , 39, 911-916	1.4	3
45	Green and sustainable concrete production using carpet fibers waste and palm oil fuel ash. <i>Materials Today: Proceedings</i> , 2021 , 39, 929-934	1.4	3
44	State-of-the-art-review on rice husk ash: A supplementary cementitious material in concrete. <i>Journal of King Saud University, Engineering Sciences</i> , 2021 , 33, 294-307	2.2	20
43	Towards Sustainable Concrete Composites through Waste Valorisation of Plastic Food Trays as Low-Cost Fibrous Materials. <i>Sustainability</i> , 2021 , 13, 2073	3.6	10
42	Performance evaluation of high-strength concrete reinforced with basalt fibers exposed to elevated temperatures. <i>Journal of Building Engineering</i> , 2021 , 35, 102108	5.2	19
41	Performance Evaluation of Sustainable Concrete Comprising Waste Polypropylene Food Tray Fibers and Palm Oil Fuel Ash Exposed to Sulfate and Acid Attacks. <i>Crystals</i> , 2021 , 11, 966	2.3	4
40	Synergistic effects of waste plastic food tray as low-cost fibrous materials and palm oil fuel ash on transport properties and drying shrinkage of concrete. <i>Journal of Building Engineering</i> , 2021 , 42, 102826	5.2	7
39	Waste ceramic as low cost and eco-friendly materials in the production of sustainable mortars. <i>Journal of Cleaner Production</i> , 2020 , 266, 121825	10.3	53
38	Drying shrinkage and creep properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. <i>Journal of Building Engineering</i> , 2020 , 32, 101522	5.2	30
37	Sustainable Use of Waste Polypropylene Fibers and Palm Oil Fuel Ash in the Production of Novel Prepacked Aggregate Fiber-Reinforced Concrete. <i>Sustainability</i> , 2020 , 12, 4871	3.6	22
36	Creep and drying shrinkage performance of concrete composite comprising waste polypropylene carpet fibres and palm oil fuel ash. <i>Journal of Building Engineering</i> , 2020 , 30, 101250	5.2	21

35	Waste metalized film food packaging as low cost and ecofriendly fibrous materials in the production of sustainable and green concrete composites. <i>Journal of Cleaner Production</i> , 2020 , 258, 120726	10.3	42
34	Production of sustainable mortar comprising waste ceramic nanoparticles 2020 , 559-581		1
33	Utilization of sheep wool as potential fibrous materials in the production of concrete composites. <i>Journal of Building Engineering</i> , 2020 , 30, 101216	5.2	26
32	Properties of Mortar Incorporating Spent Garnet as Fine Aggregates Replacement. <i>International Journal of Integrated Engineering</i> , 2020 , 12,	1.5	3
31	Enhancement of strength and transport properties of a novel preplaced aggregate fiber reinforced concrete by adding waste polypropylene carpet fibers. <i>Journal of Building Engineering</i> , 2020 , 27, 101003	5.2	20
30	The Impact Resistance and Deformation Performance of Novel Pre-Packed Aggregate Concrete Reinforced with Waste Polypropylene Fibres. <i>Crystals</i> , 2020 , 10, 788	2.3	10
29	Durability and thermal properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. <i>Journal of Building Engineering</i> , 2020 , 32, 101723	5.2	16
28	Performance evaluation of novel prepacked aggregate concrete reinforced with waste polypropylene fibers at elevated temperatures. <i>Construction and Building Materials</i> , 2020 , 259, 120418	6.7	23
27	Enhanced performance of nano-palm oil ash-based green mortar against sulphate environment. <i>Journal of Building Engineering</i> , 2020 , 32, 101640	5.2	7
26	Production of sustainable concrete composites comprising waste metalized plastic fibers and palm oil fuel ash 2020 , 435-457		2
25	Bond Behavior of Cleaned Corroded Lap Spliced Beams Repaired with Carbon Fiber Reinforced Polymer Sheets and Partial Depth Repairs. <i>Crystals</i> , 2020 , 10, 1014	2.3	3
24	Utilisation of waste marble powder as low-cost cementing materials in the production of mortar. <i>Journal of Building Engineering</i> , 2020 , 32, 101642	5.2	8
23	Enhanced Performance of Concrete Composites Comprising Waste Metalised Polypropylene Fibres Exposed to Aggressive Environments. <i>Crystals</i> , 2020 , 10, 696	2.3	12
22	Effects of Waste Ceramic as Cement and Fine Aggregate on Durability Performance of Sustainable Mortar. <i>Arabian Journal for Science and Engineering</i> , 2020 , 45, 3623-3634	2.5	21
21	Enhanced performance of green mortar comprising high volume of ceramic waste in aggressive environments. <i>Construction and Building Materials</i> , 2019 , 212, 607-617	6.7	62
20	Performance evaluation of green mortar comprising ceramic waste as cement and fine aggregates replacement. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	6
19	Production of Sustainable Green Concrete Composites Comprising Industrial Waste Carpet Fibres 2019 , 25-52		
18	Performance Evaluation of Pre-fabricated Footing Using Cold-Formed Steel of Lipped C-Channel Section. <i>Arabian Journal for Science and Engineering</i> , 2019 , 44, 8225-8238	2.5	4

17	Effect of elevated temperatures on properties of sustainable concrete composites incorporating waste metalized plastic fibres. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	4
16	The feasibility of improving impact resistance and strength properties of sustainable concrete composites by adding waste metalized plastic fibres. <i>Construction and Building Materials</i> , 2018 , 169, 223-236	6.7	57
15	Enhanced performance for aggressive environments of green concrete composites reinforced with waste carpet fibers and palm oil fuel ash. <i>Journal of Cleaner Production</i> , 2018 , 185, 252-265	10.3	69
14	Microstructure and Strength Properties of Mortar Containing Waste Ceramic Nanoparticles. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 5305-5313	2.5	47
13	Effects of Elevated Temperatures on Residual Properties of Concrete Reinforced with Waste Polypropylene Carpet Fibres. <i>Arabian Journal for Science and Engineering</i> , 2018 , 43, 1673-1686	2.5	36
12	I-beam to square hollow column blind bolted moment connection: Experimental and numerical study. <i>Journal of Constructional Steel Research</i> , 2018 , 148, 383-398	3.8	24
11	Strength and transport properties of concrete composites incorporating waste carpet fibres and palm oil fuel ash. <i>Journal of Building Engineering</i> , 2018 , 20, 156-165	5.2	38
10	Production of sustainable fibre-reinforced concrete incorporating waste chopped metallic film fibres and palm oil fuel ash. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2018 , 43, 1	1	20
9	Durability performance of concrete incorporating waste metalized plastic fibres and palm oil fuel ash. <i>Construction and Building Materials</i> , 2018 , 180, 92-102	6.7	48
8	Microstructure and residual properties of green concrete composites incorporating waste carpet fibers and palm oil fuel ash at elevated temperatures. <i>Journal of Cleaner Production</i> , 2017 , 144, 8-21	10.3	73
7	Durability performance of green concrete composites containing waste carpet fibers and palm oil fuel ash. <i>Journal of Cleaner Production</i> , 2017 , 144, 448-458	10.3	102
6	Evaluation of the Effective Mechanical Properties of Concrete Composites Using Industrial Waste Carpet Fiber. <i>INAE Letters</i> , 2017 , 2, 1-12	0.7	6
5	The impact resistance and mechanical properties of concrete reinforced with waste polypropylene carpet fibres. <i>Construction and Building Materials</i> , 2017 , 143, 147-157	6.7	72
4	Green concrete production incorporating waste carpet fiber and palm oil fuel ash. <i>Journal of Cleaner Production</i> , 2016 , 137, 157-166	10.3	111
3	Mechanical and thermal properties of prepacked aggregate concrete incorporating palm oil fuel ash. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2016 , 41, 1235-1244	1	24
2	Influence of palm oil fuel ash on fresh and mechanical properties of self-compacting concrete. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2015 , 40, 1989-1999	1	30
1	STRENGTH, MODULUS OF ELASTICITY AND SHRINKAGE BEHAVIOUR OF CONCRETE CONTAINING WASTE CARPET FIBER. <i>International Journal of GEOMATE</i> , 2015 ,	1.6	2