Hossein Mohammadhosseini

List of Publications by Citations

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	Green concrete production incorporating waste carpet fiber and palm oil fuel ash. *Journal of Cleaner Production*, **2016**, 137, 157-166	10.3	111
51	Durability performance of green concrete composites containing waste carpet fibers and palm oil fuel ash. *Journal of Cleaner Production*, **2017**, 144, 448-458	10.3	102
50	Microstructure and residual properties of green concrete composites incorporating waste carpet fibers and palm oil fuel ash at elevated temperatures. *Journal of Cleaner Production*, **2017**, 144, 8-21	10.3	73
49	The impact resistance and mechanical properties of concrete reinforced with waste polypropylene carpet fibres. *Construction and Building Materials*, **2017**, 143, 147-157	6.7	72
48	Enhanced performance for aggressive environments of green concrete composites reinforced with waste carpet fibers and palm oil fuel ash. *Journal of Cleaner Production*, **2018**, 185, 252-265	10.3	69
47	Enhanced performance of green mortar comprising high volume of ceramic waste in aggressive environments. *Construction and Building Materials*, **2019**, 212, 607-617	6.7	62
46	The feasibility of improving impact resistance and strength properties of sustainable concrete composites by adding waste metalized plastic fibres. *Construction and Building Materials*, **2018**, 169, 223-236	6.7	57
45	Waste ceramic as low cost and eco-friendly materials in the production of sustainable mortars. *Journal of Cleaner Production*, **2020**, 266, 121825	10.3	53
44	Durability performance of concrete incorporating waste metalized plastic fibres and palm oil fuel ash. *Construction and Building Materials*, **2018**, 180, 92-102	6.7	48
43	Microstructure and Strength Properties of Mortar Containing Waste Ceramic Nanoparticles. *Arabian Journal for Science and Engineering*, **2018**, 43, 5305-5313	2.5	47
42	Waste metalized film food packaging as low cost and ecofriendly fibrous materials in the production of sustainable and green concrete composites. *Journal of Cleaner Production*, **2020**, 258, 120726	10.3	42
41	Strength and transport properties of concrete composites incorporating waste carpet fibres and palm oil fuel ash. *Journal of Building Engineering*, **2018**, 20, 156-165	5.2	38
40	Effects of Elevated Temperatures on Residual Properties of Concrete Reinforced with Waste Polypropylene Carpet Fibres. *Arabian Journal for Science and Engineering*, **2018**, 43, 1673-1686	2.5	36
39	Drying shrinkage and creep properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. *Journal of Building Engineering*, **2020**, 32, 101522	5.2	30
38	Influence of palm oil fuel ash on fresh and mechanical properties of self-compacting concrete. *Sadhana - Academy Proceedings in Engineering Sciences*, **2015**, 40, 1989-1999	1	30
37	Utilization of sheep wool as potential fibrous materials in the production of concrete composites. *Journal of Building Engineering*, **2020**, 30, 101216	5.2	26
36	Mechanical and thermal properties of prepacked aggregate concrete incorporating palm oil fuel ash. *Sadhana - Academy Proceedings in Engineering Sciences*, **2016**, 41, 1235-1244	1	24

35	I-beam to square hollow column blind bolted moment connection: Experimental and numerical study. *Journal of Constructional Steel Research*, **2018**, 148, 383-398	3.8	24
34	Performance evaluation of novel prepacked aggregate concrete reinforced with waste polypropylene fibers at elevated temperatures. *Construction and Building Materials*, **2020**, 259, 120418	6.7	23
33	Sustainable Use of Waste Polypropylene Fibers and Palm Oil Fuel Ash in the Production of Novel Prepacked Aggregate Fiber-Reinforced Concrete. *Sustainability*, **2020**, 12, 4871	3.6	22
32	Creep and drying shrinkage performance of concrete composite comprising waste polypropylene carpet fibres and palm oil fuel ash. *Journal of Building Engineering*, **2020**, 30, 101250	5.2	21
31	Effects of Waste Ceramic as Cement and Fine Aggregate on Durability Performance of Sustainable Mortar. *Arabian Journal for Science and Engineering*, **2020**, 45, 3623-3634	2.5	21
30	Production of sustainable fibre-reinforced concrete incorporating waste chopped metallic film fibres and palm oil fuel ash. *Sadhana - Academy Proceedings in Engineering Sciences*, **2018**, 43, 1	1	20
29	Enhancement of strength and transport properties of a novel preplaced aggregate fiber reinforced concrete by adding waste polypropylene carpet fibers. *Journal of Building Engineering*, **2020**, 27, 101003	5.2	20
28	State-of-the-art-review on rice husk ash: A supplementary cementitious material in concrete. *Journal of King Saud University, Engineering Sciences*, **2021**, 33, 294-307	2.2	20
27	Performance evaluation of high-strength concrete reinforced with basalt fibers exposed to elevated temperatures. *Journal of Building Engineering*, **2021**, 35, 102108	5.2	19
26	Durability and thermal properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. *Journal of Building Engineering*, **2020**, 32, 101723	5.2	16
25	Enhanced Performance of Concrete Composites Comprising Waste Metalised Polypropylene Fibres Exposed to Aggressive Environments. *Crystals*, **2020**, 10, 696	2.3	12
24	The Impact Resistance and Deformation Performance of Novel Pre-Packed Aggregate Concrete Reinforced with Waste Polypropylene Fibres. *Crystals*, **2020**, 10, 788	2.3	10
23	Towards Sustainable Concrete Composites through Waste Valorisation of Plastic Food Trays as Low-Cost Fibrous Materials. *Sustainability*, **2021**, 13, 2073	3.6	10
22	Utilisation of waste marble powder as low-cost cementing materials in the production of mortar. *Journal of Building Engineering*, **2020**, 32, 101642	5.2	8
21	Enhanced performance of nano-palm oil ash-based green mortar against sulphate environment. *Journal of Building Engineering*, **2020**, 32, 101640	5.2	7
20	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. *Journal of Building Engineering*, **2021**, 42, 102826	5.2	7
19	Evaluation of the Effective Mechanical Properties of Concrete Composites Using Industrial Waste Carpet Fiber. *INAE Letters*, **2017**, 2, 1-12	0.7	6
18	Performance evaluation of green mortar comprising ceramic waste as cement and fine aggregates replacement. *SN Applied Sciences*, **2019**, 1, 1	1.8	6

17	Performance evaluation of reinforced concrete beams with corroded web reinforcement: Experimental and theoretical study. *Journal of Building Engineering*, **2021**, 35, 102038	5.2	5
16	Performance Evaluation of Pre-fabricated Footing Using Cold-Formed Steel of Lipped C-Channel Section. *Arabian Journal for Science and Engineering*, **2019**, 44, 8225-8238	2.5	4
15	Effect of elevated temperatures on properties of sustainable concrete composites incorporating waste metalized plastic fibres. *SN Applied Sciences*, **2019**, 1, 1	1.8	4
14	Performance Evaluation of Sustainable Concrete Comprising Waste Polypropylene Food Tray Fibers and Palm Oil Fuel Ash Exposed to Sulfate and Acid Attacks. *Crystals*, **2021**, 11, 966	2.3	4
13	Effects of Sulfate and Sulfuric Acid on Efficiency of Geopolymers as Concrete Repair Materials.. *Gels* , **2022**, 8,	4.2	3
12	Enduring performance of alkali-activated mortars with metakaolin as granulated blast furnace slag replacement. *Case Studies in Construction Materials*, **2022**, 16, e00845	2.7	3
11	Properties of Mortar Incorporating Spent Garnet as Fine Aggregates Replacement. *International Journal of Integrated Engineering*, **2020**, 12,	1.5	3
10	Bond Behavior of Cleaned Corroded Lap Spliced Beams Repaired with Carbon Fiber Reinforced Polymer Sheets and Partial Depth Repairs. *Crystals*, **2020**, 10, 1014	2.3	3
9	Green concrete composites production comprising metalized plastic waste fibers and palm oil fuel ash. *Materials Today: Proceedings*, **2021**, 39, 911-916	1.4	3
8	Green and sustainable concrete production using carpet fibers waste and palm oil fuel ash. *Materials Today: Proceedings*, **2021**, 39, 929-934	1.4	3
7	STRENGTH, MODULUS OF ELASTICITY AND SHRINKAGE BEHAVIOUR OF CONCRETE CONTAINING WASTE CARPET FIBER. *International Journal of GEOMATE*, **2015**,	1.6	2
6	Production of sustainable concrete composites comprising waste metalized plastic fibers and palm oil fuel ash **2020**, 435-457		2
5	Production of sustainable mortar comprising waste ceramic nanoparticles **2020**, 559-581		1
4	Synergistic effects of modified sheep wool fibers on impact resistance and strength properties of concrete composites. *Construction and Building Materials*, **2022**, 336, 127550	6.7	1
3	Durability Enhancement of Sustainable Concrete Composites Comprising Waste Metalized Film Food Packaging Fibers and Palm Oil Fuel Ash. *Sustainability*, **2022**, 14, 5253	3.6	0
2	Production of Sustainable Green Concrete Composites Comprising Industrial Waste Carpet Fibres **2019**, 25-52		
1	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]. *Construction and Building Materials*, **2022**, 341, 127868	6.7	