

Hossein Mohammadhosseini

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,839
citations

236912

25
h-index

265191

42
g-index

54
all docs

54
docs citations

54
times ranked

987
citing authors

#	ARTICLE	IF	CITATIONS
1	Green concrete production incorporating waste carpet fiber and palm oil fuel ash. Journal of Cleaner Production, 2016, 137, 157-166.	9.3	149
2	Waste ceramic as low cost and eco-friendly materials in the production of sustainable mortars. Journal of Cleaner Production, 2020, 266, 121825.	9.3	100
3	Microstructure and Strength Properties of Mortar Containing Waste Ceramic Nanoparticles. Arabian Journal for Science and Engineering, 2018, 43, 5305-5313.	3.0	60
4	Strength and transport properties of concrete composites incorporating waste carpet fibres and palm oil fuel ash. Journal of Building Engineering, 2018, 20, 156-165.	3.4	52
5	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.	2.0	48
6	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.	3.0	44
7	Utilization of sheep wool as potential fibrous materials in the production of concrete composites. Journal of Building Engineering, 2020, 30, 101216.	3.4	44
8	Drying shrinkage and creep properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. Journal of Building Engineering, 2020, 32, 101522.	3.4	43
9	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.	3.2	40
10	Performance evaluation of high-strength concrete reinforced with basalt fibers exposed to elevated temperatures. Journal of Building Engineering, 2021, 35, 102108.	3.4	38
11	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.	3.0	37
12	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.	3.4	36
13	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.	1.3	35
14	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.	3.4	30
15	I-beam to square hollow column blind bolted moment connection: Experimental and numerical study. Journal of Constructional Steel Research, 2018, 148, 383-398.	3.9	28
16	Mechanical and thermal properties of prepacked aggregate concrete incorporating palm oil fuel ash. Sadhana - Academy Proceedings in Engineering Sciences, 2016, 41, 1235-1244.	1.3	27
17	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.	1.3	24
18	Durability and thermal properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. Journal of Building Engineering, 2020, 32, 101723.	3.4	23

#	ARTICLE	IF	CITATIONS
19	Utilisation of waste marble powder as low-cost cementing materials in the production of mortar. Journal of Building Engineering, 2020, 32, 101642.	3.4	21
20	Towards Sustainable Concrete Composites through Waste Valorisation of Plastic Food Trays as Low-Cost Fibrous Materials. Sustainability, 2021, 13, 2073.	3.2	20
21	Performance evaluation of green mortar comprising ceramic waste as cement and fine aggregates replacement. SN Applied Sciences, 2019, 1, 1.	2.9	15
22	Enhanced performance of nano-palm oil ash-based green mortar against sulphate environment. Journal of Building Engineering, 2020, 32, 101640.	3.4	15
23	The Impact Resistance and Deformation Performance of Novel Pre-Packed Aggregate Concrete Reinforced with Waste Polypropylene Fibres. Crystals, 2020, 10, 788.	2.2	14
24	Enhanced Performance of Concrete Composites Comprising Waste Metalised Polypropylene Fibres Exposed to Aggressive Environments. Crystals, 2020, 10, 696.	2.2	14
25	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.	3.4	14
26	Green and sustainable concrete production using carpet fibers waste and palm oil fuel ash. Materials Today: Proceedings, 2021, 39, 929-934.	1.8	12
27	STRENGTH, MODULUS OF ELASTICITY AND SHRINKAGE BEHAVIOUR OF CONCRETE CONTAINING WASTE CARPET FIBER. International Journal of GEOMATE, 2015, , .	0.3	11
28	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.	2.2	10
29	Effects of Sulfate and Sulfuric Acid on Efficiency of Geopolymers as Concrete Repair Materials. Gels, 2022, 8, 53.	4.5	10
30	Evaluation of the Effective Mechanical Properties of Concrete Composites Using Industrial Waste Carpet Fiber. INAE Letters, 2017, 2, 1-12.	1.0	9
31	An Integrated Approach to Using Sheep Wool as a Fibrous Material for Enhancing Strength and Transport Properties of Concrete Composites. Materials, 2022, 15, 1638.	2.9	9
32	Green concrete composites production comprising metalized plastic waste fibers and palm oil fuel ash. Materials Today: Proceedings, 2021, 39, 911-916.	1.8	8
33	Performance evaluation of reinforced concrete beams with corroded web reinforcement: Experimental and theoretical study. Journal of Building Engineering, 2021, 35, 102038.	3.4	8
34	Enhanced Acoustic Properties of a Novel Prepacked Aggregates Concrete Reinforced with Waste Polypropylene Fibres. Materials, 2022, 15, 1173.	2.9	6
35	Effect of elevated temperatures on properties of sustainable concrete composites incorporating waste metalized plastic fibres. SN Applied Sciences, 2019, 1, 1.	2.9	5
36	Production of sustainable concrete composites comprising waste metalized plastic fibers and palm oil fuel ash. , 2020, , 435-457.		5

#	ARTICLE	IF	CITATIONS
37	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.	2.2	5
38	Enduring performance of alkali-activated mortars with metakaolin as granulated blast furnace slag replacement. <i>Case Studies in Construction Materials</i> , 2022, 16, e00845.	1.7	5
39	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.	3.0	4
40	Properties of Mortar Incorporating Spent Garnet as Fine Aggregates Replacement. <i>International Journal of Integrated Engineering</i> , 2020, 12, .	0.4	4
41	Production of Sustainable Green Concrete Composites Comprising Industrial Waste Carpet Fibres. <i>Textile Science and Clothing Technology</i> , 2019, , 25-52.	0.5	1
42	Production of sustainable mortar comprising waste ceramic nanoparticles. , 2020, , 559-581.		1