

Amin Al-Fakih

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

807
citations

471061

17
h-index

525886

27
g-index

35
all docs

35
docs citations

35
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of cadmium from aqueous solution by optimized rice husk biochar using response surface methodology. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101516.	3.5	23
2	Beneficial Effects of 3D BIM for Pre-Emptying Waste during the Planning and Design Stage of Building and Waste Reduction Strategies. <i>Sustainability</i> , 2022, 14, 3410.	1.6	8
3	Performance of bond strength between ultra-high-performance concrete and concrete substrates (concrete screed and self-compacted concrete): An experimental study. <i>Journal of Building Engineering</i> , 2022, 51, 104291.	1.6	9
4	Finite Element Analysis of Rubberized Concrete Interlocking Masonry under Vertical Loading. <i>Materials</i> , 2022, 15, 2858.	1.3	9
5	Elucidating the Effects of Reaction Time on the Physicochemical Characterization of Valorized Synthesized Alumina. <i>Materials</i> , 2022, 15, 3046.	1.3	4
6	Evaluation of the mechanical performance and sustainability of rubberized concrete interlocking masonry prism. <i>Journal of Materials Research and Technology</i> , 2022, 18, 4385-4402.	2.6	9
7	Utilization of palm oil and its by-products in bio-asphalt and bio-concrete mixtures: A review. <i>Construction and Building Materials</i> , 2022, 337, 127552.	3.2	35
8	Effect of Carbon Nanofibers on Physical, Adhesion and Rheological Properties of Liquid Epoxidized Natural Rubber Modified Asphalt. <i>Materials</i> , 2022, 15, 3870.	1.3	7
9	Mechanical and Durability Performance of Coconut Fiber Reinforced Concrete: A State-of-the-Art Review. <i>Materials</i> , 2022, 15, 3601.	1.3	38
10	Crumb rubber mortar and its properties: An overview. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	2
11	On rubberized engineered cementitious composites (R-ECC): A review of the constituent material. <i>Case Studies in Construction Materials</i> , 2021, 14, e00536.	0.8	7
12	Experiments and Mechanical Simulation on Bubble Concrete: Studies on the Effects of Shape and Position of Hollow Bodies Mixed in Concrete. <i>Crystals</i> , 2021, 11, 858.	1.0	5
13	Sound-Absorbing Acoustic Concretes: A Review. <i>Sustainability</i> , 2021, 13, 10712.	1.6	19
14	Cracking behavior of sea sand RC beam bonded externally with CFRP plate. <i>Structures</i> , 2021, 33, 1578-1589.	1.7	15
15	Long-term durability properties of geopolymer concrete: An in-depth review. <i>Case Studies in Construction Materials</i> , 2021, 15, e00661.	0.8	34
16	Physical properties of rubberized self-consolidating concrete (R-SCC) incorporating nano-silica. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	6
17	Bond behaviour of CFRP-strengthened ECC using Response Surface Methodology (RSM). <i>Case Studies in Construction Materials</i> , 2020, 12, e00327.	0.8	21
18	Bituminous mineral compositions for paving with cullet. <i>Case Studies in Construction Materials</i> , 2020, 12, e00317.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Experimental study on axial compressive behavior of rubberized interlocking masonry walls. Journal of Building Engineering, 2020, 29, 101107.	1.6	26
20	Flexural behavior of rubberized concrete interlocking masonry walls under out-of-plane load. Construction and Building Materials, 2020, 263, 120661.	3.2	29
21	Flexural Behavior of Double-Skin Steel Tube Beams Filled with Fiber-Reinforced Cementitious Composite and Strengthened with CFRP Sheets. Materials, 2020, 13, 3064.	1.3	30
22	Deformation Properties of Rubberized ECC Incorporating Nano Graphene Using Response Surface Methodology. Materials, 2020, 13, 2831.	1.3	28
23	Acid and Sulphate Attacks on a Rubberized Engineered Cementitious Composite Containing Graphene Oxide. Materials, 2020, 13, 3125.	1.3	36
24	Effect of Elevated Temperature on the Compressive Strength and Durability Properties of Crumb Rubber Engineered Cementitious Composite. Materials, 2020, 13, 3516.	1.3	31
25	Eucheuma cottonii Seaweed-Based Biochar for Adsorption of Methylene Blue Dye. Sustainability, 2020, 12, 10318.	1.6	43
26	The Effects of the Presence of a Kitchen House on the Wind Flow Surrounding a Low-Rise Building. Energies, 2020, 13, 6243.	1.6	2
27	Strengthening the Structural Behavior of Web Openings in RC Deep Beam Using CFRP. Materials, 2020, 13, 2804.	1.3	34
28	Characteristic compressive strength correlation of rubberized concrete interlocking masonry wall. Structures, 2020, 26, 169-184.	1.7	39
29	An experimental investigation on the shear and flexural behavior of steel reinforced HPSCC beams. Structures, 2019, 19, 286-295.	1.7	20
30	Influence of Secondary Reinforcement on Behaviour of Corbels with Various Types of High-Performance Fiber-Reinforced Cementitious Composites. Materials, 2019, 12, 4159.	1.3	12
31	Incorporation of waste materials in the manufacture of masonry bricks: An update review. Journal of Building Engineering, 2019, 21, 37-54.	1.6	163
32	Development of rubberized geopolymer interlocking bricks. Case Studies in Construction Materials, 2018, 8, 401-408.	0.8	47
33	Development of Interlocking Masonry Bricks and its™ Structural Behaviour: A Review Paper. IOP Conference Series: Earth and Environmental Science, 2018, 140, 012127.	0.2	13
34	Utilizing of Crumb Rubber Derived Recycled Scrap Tires in Masonry Application: A Review. Materials Science Forum, 0, 1030, 73-87.	0.3	1