

# Amin Al-Fakih

## List of Publications by Year in descending order

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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	Incorporation of waste materials in the manufacture of masonry bricks: An update review. <i>Journal of Building Engineering</i> , 2019, 21, 37-54.	1.6	163
2	Development of rubberized geopolymer interlocking bricks. <i>Case Studies in Construction Materials</i> , 2018, 8, 401-408.	0.8	47
3	<i>Eucheuma cottonii</i> Seaweed-Based Biochar for Adsorption of Methylene Blue Dye. <i>Sustainability</i> , 2020, 12, 10318.	1.6	43
4	Characteristic compressive strength correlation of rubberized concrete interlocking masonry wall. <i>Structures</i> , 2020, 26, 169-184.	1.7	39
5	Mechanical and Durability Performance of Coconut Fiber Reinforced Concrete: A State-of-the-Art Review. <i>Materials</i> , 2022, 15, 3601.	1.3	38
6	Acid and Sulphate Attacks on a Rubberized Engineered Cementitious Composite Containing Graphene Oxide. <i>Materials</i> , 2020, 13, 3125.	1.3	36
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	Strengthening the Structural Behavior of Web Openings in RC Deep Beam Using CFRP. <i>Materials</i> , 2020, 13, 2804.	1.3	34
9	Long-term durability properties of geopolymer concrete: An in-depth review. <i>Case Studies in Construction Materials</i> , 2021, 15, e00661.	0.8	34
10	Effect of Elevated Temperature on the Compressive Strength and Durability Properties of Crumb Rubber Engineered Cementitious Composite. <i>Materials</i> , 2020, 13, 3516.	1.3	31
11	Flexural Behavior of Double-Skin Steel Tube Beams Filled with Fiber-Reinforced Cementitious Composite and Strengthened with CFRP Sheets. <i>Materials</i> , 2020, 13, 3064.	1.3	30
12	Flexural behavior of rubberized concrete interlocking masonry walls under out-of-plane load. <i>Construction and Building Materials</i> , 2020, 263, 120661.	3.2	29
13	Deformation Properties of Rubberized ECC Incorporating Nano Graphene Using Response Surface Methodology. <i>Materials</i> , 2020, 13, 2831.	1.3	28
14	Experimental study on axial compressive behavior of rubberized interlocking masonry walls. <i>Journal of Building Engineering</i> , 2020, 29, 101107.	1.6	26
15	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
16	Bond behaviour of CFRP-strengthened ECC using Response Surface Methodology (RSM). <i>Case Studies in Construction Materials</i> , 2020, 12, e00327.	0.8	21
17	An experimental investigation on the shear and flexural behavior of steel reinforced HPSCC beams. <i>Structures</i> , 2019, 19, 286-295.	1.7	20
18	Sound-Absorbing Acoustic Concretes: A Review. <i>Sustainability</i> , 2021, 13, 10712.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Cracking behavior of sea sand RC beam bonded externally with CFRP plate. Structures, 2021, 33, 1578-1589.	1.7	15
20	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
21	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
22	Performance of bond strength between ultra-high-performance concrete and concrete substrates (concrete screed and self-compacted concrete): An experimental study. Journal of Building Engineering, 2022, 51, 104291.	1.6	9
23	Finite Element Analysis of Rubberized Concrete Interlocking Masonry under Vertical Loading. Materials, 2022, 15, 2858.	1.3	9
24	Evaluation of the mechanical performance and sustainability of rubberized concrete interlocking masonry prism. Journal of Materials Research and Technology, 2022, 18, 4385-4402.	2.6	9
25	Beneficial Effects of 3D BIM for Pre-Emptying Waste during the Planning and Design Stage of Building and Waste Reduction Strategies. Sustainability, 2022, 14, 3410.	1.6	8
26	On rubberized engineered cementitious composites (R-ECC): A review of the constituent material. Case Studies in Construction Materials, 2021, 14, e00536.	0.8	7
27	Effect of Carbon Nanofibers on Physical, Adhesion and Rheological Properties of Liquid Epoxidized Natural Rubber Modified Asphalt. Materials, 2022, 15, 3870.	1.3	7
28	Physical properties of rubberized self-consolidating concrete (R-SCC) incorporating nano-silica. AIP Conference Proceedings, 2021, , .	0.3	6
29	Experiments and Mechanical Simulation on Bubble Concrete: Studies on the Effects of Shape and Position of Hollow Bodies Mixed in Concrete. Crystals, 2021, 11, 858.	1.0	5
30	Elucidating the Effects of Reaction Time on the Physicochemical Characterization of Valorized Synthesized Alumina. Materials, 2022, 15, 3046.	1.3	4
31	Bituminous mineral compositions for paving with cullet. Case Studies in Construction Materials, 2020, 12, e00317.	0.8	2
32	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
33	Crumb rubber mortar and its properties: An overview. AIP Conference Proceedings, 2021, , .	0.3	2
34	Utilizing of Crumb Rubber Derived Recycled Scrap Tires in Masonry Application: A Review. Materials Science Forum, 0, 1030, 73-87.	0.3	1