# Rayed Al Yousef

#### List of Publications by Citations

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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.

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141 3,928 4.2 6.42 ext. papers ext. citations avg, IF L-index

#	Paper	IF	Citations
134	Clean production and properties of geopolymer concrete; A review. <i>Journal of Cleaner Production</i> , <b>2020</b> , 251, 119679	10.3	176
133	Properties and utilizations of waste tire rubber in concrete: A review. <i>Construction and Building Materials</i> , <b>2019</b> , 224, 711-731	6.7	115
132	Properties and applications of FRP in strengthening RC structures: A review. <i>Structures</i> , <b>2018</b> , 16, 208-2	2384	98
131	Strengthening of reinforced concrete beams by using fiber-reinforced polymer composites: A review. <i>Journal of Building Engineering</i> , <b>2019</b> , 25, 100798	5.2	85
130	Use of recycled plastic as fine aggregate in cementitious composites: A review. <i>Construction and Building Materials</i> , <b>2020</b> , 253, 119146	6.7	71
129	Enhanced performance of green mortar comprising high volume of ceramic waste in aggressive environments. <i>Construction and Building Materials</i> , <b>2019</b> , 212, 607-617	6.7	62
128	Eco-friendly concrete containing recycled plastic as partial replacement for sand. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 4631-4643	5.5	62
127	Waste ceramic as low cost and eco-friendly materials in the production of sustainable mortars. Journal of Cleaner Production, <b>2020</b> , 266, 121825	10.3	53
126	Renewable and sustainable energy production in Saudi Arabia according to Saudi Vision 2030; Current status and future prospects. <i>Journal of Cleaner Production</i> , <b>2020</b> , 247, 119602	10.3	53
125	Performances, challenges and opportunities in strengthening reinforced concrete structures by using FRPs IA state-of-the-art review. <i>Engineering Failure Analysis</i> , <b>2020</b> , 111, 104480	3.2	52
124	Effect of Coconut Fiber Length and Content on Properties of High Strength Concrete. <i>Materials</i> , <b>2020</b> , 13,	3.5	48
123	A Comparative Study of Random Forest and Genetic Engineering Programming for the Prediction of Compressive Strength of High Strength Concrete (HSC). <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 733	0 <sup>2.6</sup>	47
122	Predictive modeling for sustainable high-performance concrete from industrial wastes: A comparison and optimization of models using ensemble learners. <i>Journal of Cleaner Production</i> , <b>2021</b> , 292, 126032	10.3	47
121	Applications of Gene Expression Programming and Regression Techniques for Estimating Compressive Strength of Bagasse Ash based Concrete. <i>Crystals</i> , <b>2020</b> , 10, 737	2.3	45
120	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> , <b>2020</b> , 258, 120	0726	42
119	New Prediction Model for the Ultimate Axial Capacity of Concrete-Filled Steel Tubes: An Evolutionary Approach. <i>Crystals</i> , <b>2020</b> , 10, 741	2.3	38
118	Applications of Gene Expression Programming for Estimating Compressive Strength of High-Strength Concrete. <i>Advances in Civil Engineering</i> , <b>2020</b> , 2020, 1-23	1.3	37

## (2021-2021)

117	Prediction of Compressive Strength of Fly Ash Based Concrete Using Individual and Ensemble Algorithm. <i>Materials</i> , <b>2021</b> , 14,	3.5	37
116	Sugarcane bagasse ash-based engineered geopolymer mortar incorporating propylene fibers. <i>Journal of Building Engineering</i> , <b>2021</b> , 33, 101492	5.2	36
115	The Utilization of Recycled Aggregate in High Performance Concrete: A Review. <i>Journal of Materials Research and Technology</i> , <b>2020</b> , 9, 8469-8481	5.5	35
114	Drying shrinkage and creep properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101522	5.2	30
113	Compressive Strength of Fly-Ash-Based Geopolymer Concrete by Gene Expression Programming and Random Forest. <i>Advances in Civil Engineering</i> , <b>2021</b> , 2021, 1-17	1.3	30
112	3D-printed concrete: applications, performance, and challenges. <i>Journal of Sustainable Cement-Based Materials</i> , <b>2020</b> , 9, 127-164	3.6	28
111	Performance properties of structural fibred-foamed concrete. <i>Results in Engineering</i> , <b>2020</b> , 5, 100092	3.3	27
110	Utilization of sheep wool as potential fibrous materials in the production of concrete composites. Journal of Building Engineering, <b>2020</b> , 30, 101216	5.2	26
109	Performance evaluation of novel prepacked aggregate concrete reinforced with waste polypropylene fibers at elevated temperatures. <i>Construction and Building Materials</i> , <b>2020</b> , 259, 120418	6.7	23
108	Sustainable Use of Waste Polypropylene Fibers and Palm Oil Fuel Ash in the Production of Novel Prepacked Aggregate Fiber-Reinforced Concrete. <i>Sustainability</i> , <b>2020</b> , 12, 4871	3.6	22
107	PERFORMANCE OF SUSTAINABLE GREEN CONCRETE INCORPORATED WITH FLY ASH, RICE HUSK ASH, AND STONE DUST. <i>Acta Polytechnica</i> , <b>2021</b> , 61, 279-291	1	22
106	Creep and drying shrinkage performance of concrete composite comprising waste polypropylene carpet fibres and palm oil fuel ash. <i>Journal of Building Engineering</i> , <b>2020</b> , 30, 101250	5.2	21
105	Waste Glass in Cement and Geopolymer Concretes: A Review on Durability and Challenges. <i>Polymers</i> , <b>2021</b> , 13,	4.5	21
104	Effects of Waste Ceramic as Cement and Fine Aggregate on Durability Performance of Sustainable Mortar. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 3623-3634	2.5	21
103	Recycling of rice husk waste for a sustainable concrete: A critical review. <i>Journal of Cleaner Production</i> , <b>2021</b> , 312, 127734	10.3	21
102	Durability and mechanical properties of seashell partially-replaced cement. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101328	5.2	20
101	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> , <b>2020</b> , 27, 101003	5.2	20
100	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

99	Performance evaluation of high-strength concrete reinforced with basalt fibers exposed to elevated temperatures. <i>Journal of Building Engineering</i> , <b>2021</b> , 35, 102108	5.2	19
98	Effect of Varying Steel Fiber Content on Strength and Permeability Characteristics of High Strength Concrete with Micro Silica. <i>Materials</i> , <b>2020</b> , 13,	3.5	18
97	Synergistic effects of fly ash and hooked steel fibers on strength and durability properties of high strength recycled aggregate concrete. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 168, 105444	11.9	18
96	Low-velocity impact, resonance, and frequency responses of FG-GPLRC viscoelastic doubly curved panel. <i>Composite Structures</i> , <b>2021</b> , 269, 114000	5.3	18
95	Mechanics-based approach for predicting the short-term deflection of CFRP plated RC beams. <i>Composite Structures</i> , <b>2019</b> , 225, 111169	5.3	17
94	Performance investigation of high-proportion Saudi-fly-ash-based concrete. <i>Results in Engineering</i> , <b>2020</b> , 6, 100118	3.3	17
93	Geopolymer Concrete Compressive Strength via Artificial Neural Network, Adaptive Neuro Fuzzy Interface System, and Gene Expression Programming With K-Fold Cross Validation. <i>Frontiers in Materials</i> , <b>2021</b> , 8,	4	17
92	Characteristic compressive strength correlation of rubberized concrete interlocking masonry wall. <i>Structures</i> , <b>2020</b> , 26, 169-184	3.4	17
91	A Step towards Sustainable Self-Compacting Concrete by Using Partial Substitution of Wheat Straw Ash and Bentonite Clay Instead of Cement. <i>Sustainability</i> , <b>2021</b> , 13, 824	3.6	17
90	A comparative study on performance evaluation of hybrid GNPs/CNTs in conventional and self-compacting mortar. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 369-379	6.1	16
89	Durability and thermal properties of prepacked aggregate concrete reinforced with waste polypropylene fibers. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101723	5.2	16
88	Geopolymer concrete as sustainable material: A state of the art review. <i>Construction and Building Materials</i> , <b>2021</b> , 306, 124762	6.7	16
87	Experimental Study of New Insulation Lightweight Concrete Block Floor Based on Perlite Aggregate, Natural Sand, and Sand Obtained from Marble Waste. <i>Advances in Materials Science and Engineering</i> , <b>2019</b> , 2019, 1-14	1.5	14
86	Application of extreme learning machine in behavior of beam to column connections. <i>Structures</i> , <b>2020</b> , 25, 861-867	3.4	14
85	Potential use of recycled plastic and rubber aggregate in cementitious materials for sustainable construction: A review. <i>Journal of Cleaner Production</i> , <b>2021</b> , 329, 129736	10.3	14
84	Simulation of ultra-high-performance concrete mixed with hematite and barite aggregates using Monte Carlo for dry cask storage. <i>Construction and Building Materials</i> , <b>2020</b> , 263, 120161	6.7	14
83	Performance Evaluation of Soft Computing for Modeling the Strength Properties of Waste Substitute Green Concrete. <i>Sustainability</i> , <b>2021</b> , 13, 2867	3.6	14
82	Enhanced Performance of Concrete Composites Comprising Waste Metalised Polypropylene Fibres Exposed to Aggressive Environments. <i>Crystals</i> , <b>2020</b> , 10, 696	2.3	12

#### (2021-2019)

81	Mechanical Effect of Steel Fiber on the Cement Replacement Materials of Self-Compacting Concrete. <i>Fibers</i> , <b>2019</b> , 7, 36	3.7	11
80	Computational parameter identification of strongest influence on the shear resistance of reinforced concrete beams by fiber reinforcement polymer. <i>Structures</i> , <b>2020</b> , 27, 118-127	3.4	11
79	Crack growth modeling of tension lap spliced reinforced concrete beams strengthened with fibre reinforced polymer wrapping under fatigue loading. <i>Construction and Building Materials</i> , <b>2018</b> , 166, 345	5-3 <i>5</i> 5	11
78	Flexural behavior of RC beams strengthened with steel wire mesh and self-compacting concrete jacketing lexperimental investigation and test results. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 10, 1002-1019	5.5	11
77	Study of the Effects of Marble Powder Amount on the Self-Compacting Concretes Properties by Microstructure Analysis on Cement-Marble Powder Pastes. <i>Advances in Civil Engineering</i> , <b>2018</b> , 2018, 1-13	1.3	11
76	Evaluating mechanical properties and impact resistance of modified concrete containing ground Blast Furnace slag and discarded rubber tire crumbs. <i>Construction and Building Materials</i> , <b>2021</b> , 295, 123	3603	11
75	Performance of Foundry Sand Concrete under Ambient and Elevated Temperatures. <i>Materials</i> , <b>2019</b> , 12,	3.5	10
74	Flexural performance of wire mesh and geotextile-strengthened reinforced concrete beam. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	10
73	Properties and water penetration of structural concrete wrapped with CFRP. <i>Results in Engineering</i> , <b>2020</b> , 5, 100094	3.3	10
72	The Impact Resistance and Deformation Performance of Novel Pre-Packed Aggregate Concrete Reinforced with Waste Polypropylene Fibres. <i>Crystals</i> , <b>2020</b> , 10, 788	2.3	10
71	Engineering Properties of Waste Sawdust-Based Lightweight Alkali-Activated Concrete: Experimental Assessment and Numerical Prediction. <i>Materials</i> , <b>2020</b> , 13,	3.5	10
70	Abrasion and skid resistance of concrete containing waste polypropylene fibers and palm oil fuel ash as pavement material. <i>Construction and Building Materials</i> , <b>2021</b> , 282, 122681	6.7	10
69	Mathematical prediction of the compressive strength of bacterial concrete using gene expression programming. <i>Ain Shams Engineering Journal</i> , <b>2021</b> , 12, 3629-3629	4.4	10
68	Development of a sustainable concrete incorporated with effective microorganism and fly Ash: Characteristics and modeling studies. <i>Construction and Building Materials</i> , <b>2021</b> , 285, 122899	6.7	10
67	Towards Sustainable Concrete Composites through Waste Valorisation of Plastic Food Trays as Low-Cost Fibrous Materials. <i>Sustainability</i> , <b>2021</b> , 13, 2073	3.6	10
66	Effects of Incorporation of Marble Powder Obtained by Recycling Waste Sludge and Limestone Powder on Rheology, Compressive Strength, and Durability of Self-Compacting Concrete. <i>Advances in Materials Science and Engineering</i> , <b>2019</b> , 2019, 1-15	1.5	9
65	Structural behavior of out-of-plane loaded precast lightweight EPS-foam concrete C-shaped slabs. Journal of Building Engineering, <b>2021</b> , 33, 101597	5.2	9
64	Texture, morphology and strength performance of self-compacting alkali-activated concrete: Role of fly ash as GBFS replacement. <i>Construction and Building Materials</i> , <b>2021</b> , 270, 121368	6.7	9

63	Flexural strength of FRP plated RC beams using a partial-interaction displacement-based approach. <i>Structures</i> , <b>2019</b> , 22, 405-420	3.4	8
62	Performance of sustainable concrete containing different types of recycled plastic. <i>Journal of Cleaner Production</i> , <b>2021</b> , 328, 129517	10.3	8
61	Experimental Investigation of NaOH and KOH Mixture in SCBA-Based Geopolymer Cement Composite. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
60	Utilisation of waste marble powder as low-cost cementing materials in the production of mortar. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101642	5.2	8
59	Prediction of Compressive Strength of Rice Husk Ash Concrete through Different Machine Learning Processes. <i>Crystals</i> , <b>2021</b> , 11, 352	2.3	8
58	Influence of slenderness ratio on the structural performance of lightweight foam concrete composite panel. <i>Case Studies in Construction Materials</i> , <b>2019</b> , 10, e00226	2.7	7
57	Investigating BIM Implementation Barriers and Issues in Pakistan Using ISM Approach. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 7250	2.6	7
56	Flexural strength improvement in bamboo reinforced concrete beams subjected to pure bending. <i>Journal of Building Engineering</i> , <b>2020</b> , 31, 101289	5.2	7
55	Prediction of the flexural behavior of corroded concrete beams using combined method. <i>Structures</i> , <b>2020</b> , 25, 1000-1008	3.4	7
54	Effect of the thickness of concrete cover on the fatigue bond strength of GFRP wrapped and non-wrapped reinforced concrete beams containing a lap splice. <i>Structures</i> , <b>2016</b> , 6, 1-8	3.4	7
53	Effect of FRP Wrapping on Fatigue Bond Behavior of Spliced Concrete Beams. <i>Journal of Composites for Construction</i> , <b>2016</b> , 20, 04015030	3.3	7
52	Analytical mechanics solution for measuring the deflection of strengthened RC beams using FRP plates. <i>Case Studies in Construction Materials</i> , <b>2019</b> , 11, e00272	2.7	7
51	Enhanced performance of nano-palm oil ash-based green mortar against sulphate environment. <i>Journal of Building Engineering</i> , <b>2020</b> , 32, 101640	5.2	7
50	Experimental and Theoretical Study of a New Technique for Mixing Self-Compacting Concrete with Marble Sludge Grout. <i>Advances in Civil Engineering</i> , <b>2018</b> , 2018, 1-11	1.3	7
49	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> , <b>2021</b> , 42, 10282	6 <sup>5.2</sup>	7
48	Sodium Phosphate Post-treatment on Al Coating: Morphological and Corrosion Study. <i>Journal of Thermal Spray Technology</i> , <b>2019</b> , 28, 1511-1531	2.5	6
47	Performance evaluation of green mortar comprising ceramic waste as cement and fine aggregates replacement. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	6
46	Effect of Sodium Phosphate and Calcium Nitrate Sealing Treatment on Microstructure and Corrosion Resistance of Wire Arc Sprayed Aluminum Coatings. <i>Coatings</i> , <b>2020</b> , 10, 33	2.9	6

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45	Evaluation of Mechanical and Permeability Characteristics of Microfiber-Reinforced Recycled Aggregate Concrete with Different Potential Waste Mineral Admixtures. <i>Materials</i> , <b>2021</b> , 14,	3.5	6	
44	Mechanical and durability characteristics of sustainable concrete modified with partial substitution of waste foundry sand. <i>Structural Concrete</i> , <b>2021</b> , 22, 2775	2.6	6	
43	Application of correlation analysis techniques to surface wave testing for the evaluation of reinforced concrete structural elements. <i>NDT and E International</i> , <b>2019</b> , 102, 68-76	4.1	6	
42	Durability performance of modified concrete incorporating fly ash and effective microorganism. <i>Construction and Building Materials</i> , <b>2021</b> , 267, 120947	6.7	6	
41	Self-Fibers Compacting Concrete Properties Reinforced with Propylene Fibers. <i>Science and Engineering of Composite Materials</i> , <b>2021</b> , 28, 64-72	1.5	6	
40	Synthesis of rubberized Alkali-activated Concrete: Experimental and numerical evaluation. <i>Construction and Building Materials</i> , <b>2021</b> , 303, 124526	6.7	6	
39	Fatigue Bond StressBlip Behavior of Lap Splices in the Reinforcement of Unwrapped and FRP-Wrapped Concrete Beams. <i>Journal of Composites for Construction</i> , <b>2016</b> , 20, 04016039	3.3	5	
38	Consolidated effect of fiber-reinforcement and concrete strength class on mechanical performance, economy and footprint of concrete for pavement use. <i>Journal of King Saud University, Engineering Sciences</i> , <b>2021</b> ,	2.2	5	
37	Effect of Alumina Nano-Particles on Physical and Mechanical Properties of Medium Density Fiberboard. <i>Materials</i> , <b>2020</b> , 13,	3.5	5	
36	Performance evaluation of reinforced concrete beams with corroded web reinforcement: Experimental and theoretical study. <i>Journal of Building Engineering</i> , <b>2021</b> , 35, 102038	5.2	5	
35	Performance Evaluation of Pre-fabricated Footing Using Cold-Formed Steel of Lipped C-Channel Section. <i>Arabian Journal for Science and Engineering</i> , <b>2019</b> , 44, 8225-8238	2.5	4	
34	Effect of elevated temperatures on properties of sustainable concrete composites incorporating waste metalized plastic fibres. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	4	
33	Mix design of concrete: Advanced particle packing model by developing and combining multiple frameworks. <i>Construction and Building Materials</i> , <b>2022</b> , 320, 126218	6.7	4	
32	Dynamic attainment of mixed aspect ratio for concrete members reinforced with steel fiber under impact loading. <i>Mechanics of Advanced Materials and Structures</i> , <b>2020</b> , 1-10	1.8	4	
31	Effects of incorporating wood sawdust on the firing program and the physical and mechanical properties of fired clay bricks. <i>Journal of Building Engineering</i> , <b>2021</b> , 35, 102106	5.2	4	
30	Bio-inspired self-healing of concrete cracks using new B. pseudomycoides species. <i>Journal of Materials Research and Technology</i> , <b>2021</b> , 12, 967-981	5.5	4	
29	Performance and failure analysis of carbon fiber-reinforced polymer (CFRP) strengthened reinforced concrete (RC) beams. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	4	
28	Cold-Formed Steel Lipped Channel Section Columns Undergoing Local-Overall Buckling Interaction. <i>International Journal of Steel Structures</i> , <b>2021</b> , 21, 408-429	1.3	4	

27	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> , <b>2021</b> , 11, 966	2.3	4
26	Cracking behavior of sea sand RC beam bonded externally with CFRP plate. <i>Structures</i> , <b>2021</b> , 33, 1578-1	598.29	4
25	Cross-laminated timberfloncrete composite structural floor system: A state-of-the-art review. <i>Engineering Failure Analysis</i> , <b>2021</b> , 130, 105766	3.2	4
24	Effects of Sulfate and Sulfuric Acid on Efficiency of Geopolymers as Concrete Repair Materials <i>Gels</i> , <b>2022</b> , 8,	4.2	3
23	Enduring performance of alkali-activated mortars with metakaolin as granulated blast furnace slag replacement. <i>Case Studies in Construction Materials</i> , <b>2022</b> , 16, e00845	2.7	3
22	Self-healing epoxy coating doped with Elaesis guineensis/silver nanoparticles: A robust corrosion inhibitor. <i>Construction and Building Materials</i> , <b>2021</b> , 312, 125396	6.7	3
21	Bond Behavior of Cleaned Corroded Lap Spliced Beams Repaired with Carbon Fiber Reinforced Polymer Sheets and Partial Depth Repairs. <i>Crystals</i> , <b>2020</b> , 10, 1014	2.3	3
20	Green concrete composites production comprising metalized plastic waste fibers and palm oil fuel ash. <i>Materials Today: Proceedings</i> , <b>2021</b> , 39, 911-916	1.4	3
19	Green and sustainable concrete production using carpet fibers waste and palm oil fuel ash. <i>Materials Today: Proceedings</i> , <b>2021</b> , 39, 929-934	1.4	3
18	Experimental Investigation of a New Ecological Block Made by Mixing Gypsum Plaster and Desert Sand. <i>Arabian Journal for Science and Engineering</i> , <b>2020</b> , 45, 4037-4052	2.5	2
17	Elevated Temperature Performance of Reactive Powder Concrete Containing Recycled Fine Aggregates. <i>Materials</i> , <b>2020</b> , 13,	3.5	2
16	Morphological and corrosion studies of ammonium phosphate and caesium nitrate treated Al coating deposited by arc thermal spray process. <i>Surfaces and Interfaces</i> , <b>2021</b> , 22, 100885	4.1	2
15	Assessment of High Performance Self-Consolidating Concrete through an Experimental and Analytical Multi-Parameter Approach. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
14	Development of Ductile and Durable High Strength Concrete (HSC) through Interactive Incorporation of Coir Waste and Silica Fume <i>Materials</i> , <b>2022</b> , 15,	3.5	2
13	Production of sustainable mortar comprising waste ceramic nanoparticles <b>2020</b> , 559-581		1
12	Effect of recycled tyre steel fiber on flexural toughness, residual strength, and chloride permeability of high-performance concrete (HPC). <i>Journal of Sustainable Cement-Based Materials</i> ,1-17	3.6	1
11	Bituminous mineral compositions for paving with cullet. <i>Case Studies in Construction Materials</i> , <b>2020</b> , 12, e00317	2.7	1
10	RC beam strengthening using hinge and anchorage approach. <i>Results in Materials</i> , <b>2020</b> , 5, 100047	2.3	1

#### LIST OF PUBLICATIONS

9	Sustainable Use of Waste Polypropylene Fibres to Enhance the Abrasion and Skid Resistance of Two-Stage Concrete. <i>Sustainability</i> , <b>2021</b> , 13, 5200	3.6	1	
8	Role of L-arginine on the formation and breakdown of passive film onto the steel rebars surface in chloride contaminated concrete pore solution. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 337, 116454	6	1	
7	A Review of the Combined Effect of Fibers and Nano Materials on the Technical Performance of Mortar and Concrete. <i>Sustainability</i> , <b>2022</b> , 14, 3464	3.6	1	
6	Synergistic effects of modified sheep wool fibers on impact resistance and strength properties of concrete composites. <i>Construction and Building Materials</i> , <b>2022</b> , 336, 127550	6.7	1	
5	Effects of limestone filler fineness on the rheological behavior of cement Limestone filler grouts. <i>Ain Shams Engineering Journal</i> , <b>2021</b> , 12, 3569-3569	4.4	O	
4	Durability Enhancement of Sustainable Concrete Composites Comprising Waste Metalized Film Food Packaging Fibers and Palm Oil Fuel Ash. <i>Sustainability</i> , <b>2022</b> , 14, 5253	3.6	O	
3	Development of new baked bricks based on clay and sawdust. <i>MATEC Web of Conferences</i> , <b>2018</b> , 149, 01040	0.3		
2	Investigation of semi-supported steel plate shear walls with different infill plates under cyclic loading. <i>Mechanics Based Design of Structures and Machines</i> , <b>2020</b> , 1-24	1.7		
1	A Review on the Performance of Concrete Containing Non-Potable Water. <i>Applied Sciences</i> (Switzerland), <b>2021</b> , 11, 6729	2.6		