Syed Minhaj Saleem Kazmi

List of Publications by Year
in descending order

Version: 2024-02-01

54 papers	2,705 citations	212478 28 h-index	206121 51 g-index
56 all docs	56 docs citations	56 times ranked	1685 citing authors

#	Article	IF	Citations
1	Influence of off-spec fly ash and surfactant-coated nano-iron-oxide on the fresh and hardened properties of cement pastes: An exploratory study. Journal of Building Engineering, 2022, 48, 103976.	1.6	2
2	Recycled aggregate concrete. , 2022, , 211-227.		1
3	Suitability Assessment of Marble, Glass Powders and Poly-Propylene Fibers for Improvement of Siwalik Clay. Sustainability, 2022, 14, 2314.	1.6	3
4	Influence of micro Fe2O3 and MgO on the physical and mechanical properties of the zeolite and kaolin based geopolymer mortar. Journal of Building Engineering, 2022, 52, 104443.	1.6	16
5	Evaluation of the Impact of Fines on the Performance of Sub-Base Materials. Applied Sciences (Switzerland), 2022, 12, 4513.	1.3	3
6	Development of novel design strength model for sustainable concrete columns: A new machine learning-based approach. Journal of Cleaner Production, 2022, 357, 131988.	4.6	23
7	Feasibility of Using Coal Ash for the Production of Sustainable Bricks. Sustainability, 2022, 14, 6692.	1.6	4
8	Development of a novel compressive strength design equation for natural and recycled aggregate concrete through advanced computational modeling. Journal of Building Engineering, 2022, 55, 104690.	1.6	9
9	Investigating the Behavior of Waste Alumina Powder and Nylon Fibers for Eco-Friendly Production of Self-Compacting Concrete. Materials, 2022, 15, 4515.	1.3	6
10	Investigation of thermal performance of concrete incorporating different types of recycled coarse aggregates. Construction and Building Materials, 2021, 270, 121433.	3.2	36
11	Axial stress-strain performance of steel spiral confined acetic acid immersed and mechanically rubbed recycled aggregate concrete. Journal of Building Engineering, 2021, 34, 101891.	1.6	14
12	Study of a new capillary active bio-insulation material by hygrothermal simulation of multilayer wall. Energy and Buildings, 2021, 234, 110724.	3.1	10
13	Application of waste tire rubber and recycled aggregates in concrete products: A new compression casting approach. Resources, Conservation and Recycling, 2021, 167, 105353.	5.3	98
14	Axial Stress-Strain Performance of Recycled Aggregate Concrete Reinforced with Macro-Polypropylene Fibres. Sustainability, 2021, 13, 5741.	1.6	14
15	Evolutionary artificial intelligence approach for performance prediction of bio-composites. Construction and Building Materials, 2021, 290, 123254.	3.2	22
16	Development of plant-concrete composites containing pretreated corn stalk bio-aggregates and different type of binders. Cement and Concrete Composites, 2021, 121, 104054.	4.6	14
17	Feasibility of using clay-free bricks manufactured from water treatment sludge, glass, and marble wastes: An exploratory study. Construction and Building Materials, 2021, 298, 123843.	3.2	31
18	Preparation and study of magnesium ammonium phosphate cement from waste lithium slag. Journal of Cleaner Production, 2021, 316, 128371.	4.6	24

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19	A study on magnesium phosphate cement mortars reinforced by polyvinyl alcohol fibers. Construction and Building Materials, 2021, 302, 124154.	3.2	34
20	Synergistic effect of rice husk, glass and marble sludges on the engineering characteristics of eco-friendly bricks. Journal of Building Engineering, 2021, 42, 102484.	1.6	16
21	Influence of bottom ash and polypropylene fibers on the physico-mechanical, durability and thermal performance of foam concrete: An experimental investigation. Construction and Building Materials, 2021, 306, 124887.	3.2	57
22	Recycling industrial slags in production of fired clay bricks for sustainable manufacturing. Ceramics International, 2021, 47, 30425-30438.	2.3	38
23	Experimental study of fibre-reinforced interlocking mud bricks under compressive test. Proceedings of Institution of Civil Engineers: Construction Materials, 2020, 173, 181-189.	0.7	3
24	Mechanical and Post-Cracking Performance of Recycled Aggregate Concrete Incorporating Synthetic Fibers. IOP Conference Series: Materials Science and Engineering, 2020, 829, 012003.	0.3	14
25	Effect of recycled aggregate treatment techniques on the durability of concrete: A comparative evaluation. Construction and Building Materials, 2020, 264, 120284.	3.2	83
26	Influence of Concrete Strength on the Stress-Strain Behavior of Spirally Confined Recycled Aggregate Concrete. IOP Conference Series: Materials Science and Engineering, 2020, 829, 012004.	0.3	12
27	Development of a unified model to predict the axial stressâ€“strain behavior of recycled aggregate concrete confined through spiral reinforcement. Engineering Structures, 2020, 218, 110851.	2.6	42
28	Effect of different aggregate treatment techniques on the freeze-thaw and sulfate resistance of recycled aggregate concrete. Cold Regions Science and Technology, 2020, 178, 103126.	1.6	67
29	Stress strain performance of steel spiral confined recycled aggregate concrete. Cement and Concrete Composites, 2020, 108, 103535.	4.6	43
30	Effect of compression casting method on the compressive strength, elastic modulus and microstructure of rubber concrete. Journal of Cleaner Production, 2020, 264, 121746.	4.6	85
31	Influence of different treatment methods on the mechanical behavior of recycled aggregate concrete: A comparative study. Cement and Concrete Composites, 2019, 104, 103398.	4.6	133
32	Axial stress-strain behavior of macro-synthetic fiber reinforced recycled aggregate concrete. Cement and Concrete Composites, 2019, 97, 341-356.	4.6	114
33	Stress-strain behavior of spirally confined recycled aggregate concrete: An approach towards sustainable design. Resources, Conservation and Recycling, 2019, 146, 127-139.	5.3	44
34	Suitability of Gini moraines as natural pozzolanic material for Diamer Basha dam project. Proceedings of Institution of Civil Engineers: Construction Materials, 2019, 172, 173-178.	0.7	1
35	Development of Eco-Friendly Fired Clay Bricks Incorporating Recycled Marble Powder. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	49
36	Properties enhancement of recycled aggregate concrete through pretreatment of coarse aggregates â€“ Comparative assessment of assorted techniques. Journal of Cleaner Production, 2018, 191, 339-349.	4.6	151

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37	Role of test method in detection of alkaliâ€“silica reactivity of concrete aggregates. Proceedings of Institution of Civil Engineers: Construction Materials, 2018, 171, 203-221.	0.7	26
38	Thermal performance enhancement of eco-friendly bricks incorporating agro-wastes. Energy and Buildings, 2018, 158, 1117-1129.	3.1	84
39	Thermal performance evaluation of eco-friendly bricks incorporating waste glass sludge. Journal of Cleaner Production, 2018, 172, 1867-1880.	4.6	85
40	Thermally efficient fired clay bricks incorporating waste marble sludge: An industrial-scale study. Journal of Cleaner Production, 2018, 174, 1122-1135.	4.6	117
41	Slag waste incorporation in high early strength concrete as cement replacement: Environmental impact and influence on hydration & durability attributes. Journal of Cleaner Production, 2018, 172, 3056-3065.	4.6	90
42	Synthesis and Applications of Nano Titania Particles: A Review. Reviews on Advanced Materials Science, 2018, 53, 90-105.	1.4	19
43	A Literature Review on Alkali Silica Reactivity of Concrete. International Journal of Strategic Engineering, 2018, 1, 43-62.	0.2	5
44	Effect of macro-synthetic fibers on the fracture energy and mechanical behavior of recycled aggregate concrete. Construction and Building Materials, 2018, 189, 857-868.	3.2	102
45	Potential of rice husk ash for mitigating the alkali-silica reaction in mortar bars incorporating reactive aggregates. Construction and Building Materials, 2017, 132, 61-70.	3.2	63
46	Improving the mechanical performance of cement composites by carbon nanotubes addition. Procedia Structural Integrity, 2017, 3, 11-17.	0.3	52
47	Pozzolanic reaction of sugarcane bagasse ash and its role in controlling alkali silica reaction. Construction and Building Materials, 2017, 148, 231-240.	3.2	86
48	Feasibility of Using Waste Glass Sludge in Production of Ecofriendly Clay Bricks. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	82
49	Production of sustainable clay bricks using waste fly ash: Mechanical and durability properties. Journal of Building Engineering, 2017, 14, 7-14.	1.6	137
50	Clay bricks prepared with sugarcane bagasse and rice husk ash â€“ A sustainable solution. MATEC Web of Conferences, 2017, 120, 03001.	0.1	15
51	Efficiency of waste marble powder in controlling alkaliâ€“silica reaction of concrete: A sustainable approach. Construction and Building Materials, 2017, 154, 590-599.	3.2	85
52	Manufacturing of sustainable clay bricks: Utilization of waste sugarcane bagasse and rice husk ashes. Construction and Building Materials, 2016, 120, 29-41.	3.2	196
53	Lunar concrete: Prospects and challenges. Astronomy Reports, 2016, 60, 306-312.	0.2	14
54	Exploratory study on the effect of waste rice husk and sugarcane bagasse ashes in burnt clay bricks. Journal of Building Engineering, 2016, 7, 372-378.	1.6	129