Ayesha Siddika

List of Publications by Year
in descending order

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20 papers	1,082 citations	566801 15 h-index	752256 20 g-index
21 all docs	21 docs citations	21 times ranked	858 citing authors

#	Article	IF	Citations
1	Properties and utilizations of waste tire rubber in concrete: A review. Construction and Building Materials, 2019, 224, 711-731.	3.2	239
2	Strengthening of reinforced concrete beams by using fiber-reinforced polymer composites: A review. Journal of Building Engineering, 2019, 25, 100798.	1.6	168
3	Performances, challenges and opportunities in strengthening reinforced concrete structures by using FRPs â€“ A state-of-the-art review. Engineering Failure Analysis, 2020, 111, 104480.	1.8	128
4	3D-printed concrete: applications, performance, and challenges. Journal of Sustainable Cement-Based Materials, 2020, 9, 127-164.	1.7	68
5	Study on concrete with rice husk ash. Innovative Infrastructure Solutions, 2018, 3, 1.	1.1	67
6	Waste Glass in Cement and Geopolymer Concretes: A Review on Durability and Challenges. Polymers, 2021, 13, 2071.	2.0	53
7	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.	1.2	48
8	Performance properties of structural fibred-foamed concrete. Results in Engineering, 2020, 5, 100092.	2.2	45
9	Utilization of sheep wool as potential fibrous materials in the production of concrete composites. Journal of Building Engineering, 2020, 30, 101216.	1.6	44
10	PERFORMANCE OF SUSTAINABLE GREEN CONCRETE INCORPORATED WITH FLY ASH, RICE HUSK ASH, AND STONE DUST. Acta Polytechnica, 2021, 61, 279-291.	0.3	42
11	Powder sintering and gel casting methods in making glass foam using waste glass: A review on parameters, performance, and challenges. Ceramics International, 2022, 48, 1494-1511.	2.3	33
12	Effect of Nanosilica on Mechanical Properties and Microstructure of PVA Fiber-Reinforced Geopolymer Composite (PVA-FRGC). Materials, 2019, 12, 3624.	1.3	29
13	Effects of waste glass addition on the physical and mechanical properties of brick. Innovative Infrastructure Solutions, 2021, 6, 1.	1.1	24
14	Non-destructive prediction of strength of concrete made by lightweight recycled aggregates and nickel slag. Journal of Building Engineering, 2021, 33, 101614.	1.6	19
15	Flexural performance of wire mesh and geotextile-strengthened reinforced concrete beam. SN Applied Sciences, 2019, 1, 1.	1.5	18
16	Roles of Waste Glass and the Effect of Process Parameters on the Properties of Sustainable Cement and Geopolymer Concreteâ€”A State-of-the-Art Review. Polymers, 2021, 13, 3935.	2.0	15
17	Performance and failure analysis of carbon fiber-reinforced polymer (CFRP) strengthened reinforced concrete (RC) beams. SN Applied Sciences, 2019, 1, 1.	1.5	13
18	Cross-laminated timberâ€“concrete composite structural floor system: A state-of-the-art review. Engineering Failure Analysis, 2021, 130, 105766.	1.8	12

#	Article	IF	Citations
19	Stabilisation of pores in glass foam by using a modified curing-sintering process: sustainable recycling of automotive vehiclesâ€™ waste glass. Resources, Conservation and Recycling, 2022, 179, 106145.	5.3	9
20	Performance of rubberized concrete exposed to chloride solution and continuous wetâ€“dry cycle. Innovative Infrastructure Solutions, 2021, 6, 1.	1.1	8