Blessen Skariah Thomas

List of Publications by Year
in descending order

35 papers	3,299 citations	147726 31 h-index	345118 36 g-index
36 all docs	36 docs citations	36 times ranked	2078 citing authors

#	Article	IF	Citations
1	A comprehensive review on the applications of waste tire rubber in cement concrete. Renewable and Sustainable Energy Reviews, 2016, 54, 1323-1333.	8.2	458
2	Recycling of waste tire rubber as aggregate in concrete: durability-related performance. Journal of Cleaner Production, 2016, 112, 504-513.	4.6	324
3	Strength, abrasion and permeation characteristics of cement concrete containing discarded rubber fine aggregates. Construction and Building Materials, 2014, 59, 204-212.	3.2	223
4	Properties of high strength concrete containing scrap tire rubber. Journal of Cleaner Production, 2016, 113, 86-92.	4.6	206
5	Strength and durability characteristics of copper tailing concrete. Construction and Building Materials, 2013, 48, 894-900.	3.2	170
6	Green concrete partially comprised of rice husk ash as a supplementary cementitious material â€“ A comprehensive review. Renewable and Sustainable Energy Reviews, 2018, 82, 3913-3923.	8.2	166
7	Long term behaviour of cement concrete containing discarded tire rubber. Journal of Cleaner Production, 2015, 102, 78-87.	4.6	163
8	Performance of high strength rubberized concrete in aggressive environment. Construction and Building Materials, 2015, 83, 320-326.	3.2	148
9	Sustainable concrete containing palm oil fuel ash as a supplementary cementitious material â€“ A review. Renewable and Sustainable Energy Reviews, 2017, 80, 550-561.	8.2	137
10	Abrasion resistance of sustainable green concrete containing waste tire rubber particles. Construction and Building Materials, 2016, 124, 906-909.	3.2	90
11	Biomass ashes from agricultural wastes as supplementary cementitious materials or aggregate replacement in cement/geopolymer concrete: A comprehensive review. Journal of Building Engineering, 2021, 40, 102332.	1.6	88
12	Use of oil palm shell as an aggregate in cement concrete: A review. Construction and Building Materials, 2020, 265, 120357.	3.2	81
13	Rheological properties of cementitious composites with and without nano-materials: A comprehensive review. Journal of Cleaner Production, 2020, 272, 122701.	4.6	81
14	Properties of concrete containing polished granite waste as partial substitution of coarse aggregate. Construction and Building Materials, 2017, 151, 158-163.	3.2	74
15	Geopolymer concrete incorporating recycled aggregates: A comprehensive review. Cleaner Materials, 2022, 3, 100056.	1.9	74
16	Effect of pozzolan slurries on recycled aggregate concrete: Mechanical and durability performance. Construction and Building Materials, 2021, 276, 121940.	3.2	69
17	The effects of nano- and micro-particle additives on the durability and mechanical properties of mortars exposed to internal and external sulfate attacks. Results in Physics, 2017, 7, 843-851.	2.0	60
18	Properties of concrete containing jarosite as a partial substitute for fine aggregate. Journal of Cleaner Production, 2016, 120, 241-248.	4.6	59

#	Article	IF	Citations
19	Assessment of durability characteristics of cement concrete containing jarosite. Journal of Cleaner Production, 2016, 119, 59-65.	4.6	57
20	Hybrid graphene oxide/carbon nanotubes reinforced cement paste: An investigation on hybrid ratio. Construction and Building Materials, 2020, 261, 119815.	3.2	57
21	Experimental and modelling studies on high strength concrete containing waste tire rubber. Sustainable Cities and Society, 2015, 19, 68-73.	5.1	51
22	Sugarcane bagasse ash as supplementary cementitious material in concrete â€“ a review. Materials Today Sustainability, 2021, 15, 100086.	1.9	51
23	Sandstone wastes as aggregate and its usefulness in cement concrete â€“ A comprehensive review. Renewable and Sustainable Energy Reviews, 2018, 81, 1147-1153.	8.2	44
24	Properties of sustainable self-compacting concrete incorporating discarded sandstone slurry. Journal of Cleaner Production, 2021, 281, 125313.	4.6	44
25	Preliminary study on the use of quartz sandstone as a partial replacement of coarse aggregate in concrete based on clay content, morphology and compressive strength of combined gradation. Construction and Building Materials, 2016, 107, 103-108.	3.2	42
26	Viability of agricultural wastes as substitute of natural aggregate in concrete: A review on the durability-related properties. Journal of Cleaner Production, 2020, 275, 123062.	4.6	41
27	Strength, permeation, freeze-thaw resistance, and microstructural properties of self-compacting concrete containing sandstone waste. Journal of Cleaner Production, 2021, 305, 127090.	4.6	40
28	Influence of hybrid graphene oxide/carbon nanotubes on the mechanical properties and microstructure of magnesium potassium phosphate cement paste. Construction and Building Materials, 2020, 260, 120449.	3.2	38
29	Properties of concrete containing strengthened crushed brick aggregate by pozzolan slurry. Construction and Building Materials, 2020, 247, 118612.	3.2	38
30	Sustainable use of palm oil fuel ash as a supplementary cementitious material: A comprehensive review. Journal of Building Engineering, 2021, 40, 102286.	1.6	36
31	Utilization of Copper Tailing in Developing Sustainable and Durable Concrete. Journal of Materials in Civil Engineering, 2017, 29, .	1.3	33
32	Analysis on the hazardous jarosite added concrete. Construction and Building Materials, 2018, 191, 253-259.	3.2	15
33	Utilization of Solid Waste Particles as Aggregates in Concrete. Procedia Engineering, 2012, 38, 3789-3796.	1.2	14
34	Jarosite added concrete along with fly ash: Properties and characteristics in fresh state. Perspectives in Science, 2016, 8, 69-71.	0.6	9
35	Aggregate Replacement and Its Usefulness in Cement Concrete for Sustainable Developmentâ€"A Study on Rubber, Jarosite and Sandstone Aggregates. Advances in Intelligent Systems and Computing, 2016, , 13-25.	0.5	6