

# Blessen Skariah Thomas

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Geopolymer concrete incorporating recycled aggregates: A comprehensive review. <i>Cleaner Materials</i> , 2022, 3, 100056.	1.9	74
2	Properties of sustainable self-compacting concrete incorporating discarded sandstone slurry. <i>Journal of Cleaner Production</i> , 2021, 281, 125313.	4.6	44
3	Effect of pozzolan slurries on recycled aggregate concrete: Mechanical and durability performance. <i>Construction and Building Materials</i> , 2021, 276, 121940.	3.2	69
4	Strength, permeation, freeze-thaw resistance, and microstructural properties of self-compacting concrete containing sandstone waste. <i>Journal of Cleaner Production</i> , 2021, 305, 127090.	4.6	40
5	Biomass ashes from agricultural wastes as supplementary cementitious materials or aggregate replacement in cement/geopolymer concrete: A comprehensive review. <i>Journal of Building Engineering</i> , 2021, 40, 102332.	1.6	88
6	Sustainable use of palm oil fuel ash as a supplementary cementitious material: A comprehensive review. <i>Journal of Building Engineering</i> , 2021, 40, 102286.	1.6	36
7	Sugarcane bagasse ash as supplementary cementitious material in concrete – a review. <i>Materials Today Sustainability</i> , 2021, 15, 100086.	1.9	51
8	Influence of hybrid graphene oxide/carbon nanotubes on the mechanical properties and microstructure of magnesium potassium phosphate cement paste. <i>Construction and Building Materials</i> , 2020, 260, 120449.	3.2	38
9	Viability of agricultural wastes as substitute of natural aggregate in concrete: A review on the durability-related properties. <i>Journal of Cleaner Production</i> , 2020, 275, 123062.	4.6	41
10	Use of oil palm shell as an aggregate in cement concrete: A review. <i>Construction and Building Materials</i> , 2020, 265, 120357.	3.2	81
11	Hybrid graphene oxide/carbon nanotubes reinforced cement paste: An investigation on hybrid ratio. <i>Construction and Building Materials</i> , 2020, 261, 119815.	3.2	57
12	Properties of concrete containing strengthened crushed brick aggregate by pozzolan slurry. <i>Construction and Building Materials</i> , 2020, 247, 118612.	3.2	38
13	Rheological properties of cementitious composites with and without nano-materials: A comprehensive review. <i>Journal of Cleaner Production</i> , 2020, 272, 122701.	4.6	81
14	Sandstone wastes as aggregate and its usefulness in cement concrete – A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 1147-1153.	8.2	44
15	Green concrete partially comprised of rice husk ash as a supplementary cementitious material – A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 3913-3923.	8.2	166
16	Analysis on the hazardous jarosite added concrete. <i>Construction and Building Materials</i> , 2018, 191, 253-259.	3.2	15
17	Utilization of Copper Tailing in Developing Sustainable and Durable Concrete. <i>Journal of Materials in Civil Engineering</i> , 2017, 29, .	1.3	33
18	The effects of nano- and micro-particle additives on the durability and mechanical properties of mortars exposed to internal and external sulfate attacks. <i>Results in Physics</i> , 2017, 7, 843-851.	2.0	60

#	ARTICLE	IF	CITATIONS
19	Properties of concrete containing polished granite waste as partial substitution of coarse aggregate. Construction and Building Materials, 2017, 151, 158-163.	3.2	74
20	Sustainable concrete containing palm oil fuel ash as a supplementary cementitious material – A review. Renewable and Sustainable Energy Reviews, 2017, 80, 550-561.	8.2	137
21	Jarosite added concrete along with fly ash: Properties and characteristics in fresh state. Perspectives in Science, 2016, 8, 69-71.	0.6	9
22	Aggregate Replacement and Its Usefulness in Cement Concrete for Sustainable Development – A Study on Rubber, Jarosite and Sandstone Aggregates. Advances in Intelligent Systems and Computing, 2016, , 13-25.	0.5	6
23	Abrasion resistance of sustainable green concrete containing waste tire rubber particles. Construction and Building Materials, 2016, 124, 906-909.	3.2	90
24	Properties of concrete containing jarosite as a partial substitute for fine aggregate. Journal of Cleaner Production, 2016, 120, 241-248.	4.6	59
25	Properties of high strength concrete containing scrap tire rubber. Journal of Cleaner Production, 2016, 113, 86-92.	4.6	206
26	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
27	Assessment of durability characteristics of cement concrete containing jarosite. Journal of Cleaner Production, 2016, 119, 59-65.	4.6	57
28	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
29	Recycling of waste tire rubber as aggregate in concrete: durability-related performance. Journal of Cleaner Production, 2016, 112, 504-513.	4.6	324
30	Long term behaviour of cement concrete containing discarded tire rubber. Journal of Cleaner Production, 2015, 102, 78-87.	4.6	163
31	Performance of high strength rubberized concrete in aggressive environment. Construction and Building Materials, 2015, 83, 320-326.	3.2	148
32	Experimental and modelling studies on high strength concrete containing waste tire rubber. Sustainable Cities and Society, 2015, 19, 68-73.	5.1	51
33	Strength, abrasion and permeation characteristics of cement concrete containing discarded rubber fine aggregates. Construction and Building Materials, 2014, 59, 204-212.	3.2	223
34	Strength and durability characteristics of copper tailing concrete. Construction and Building Materials, 2013, 48, 894-900.	3.2	170
35	Utilization of Solid Waste Particles as Aggregates in Concrete. Procedia Engineering, 2012, 38, 3789-3796.	1.2	14