

Olumoyewa D Atoyebi

List of Publications by Year in descending order

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34
papers

300
citations

1040056

9
h-index

996975

15
g-index

35
all docs

35
docs citations

35
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Waste tires steel fiber in concrete: a review. <i>Innovative Infrastructure Solutions</i> , 2021, 6, 1.	2.2	33
2	Physical and mechanical properties of cement-bonded particle board produced from African balsam tree (<i>Populus Balsamifera</i>) and periwinkle shell residues. <i>Results in Engineering</i> , 2020, 6, 100126.	5.1	31
3	Experimental data on flexural strength of reinforced concrete elements with waste glass particles as partial replacement for fine aggregate. <i>Data in Brief</i> , 2018, 18, 846-859.	1.0	22
4	Comparison of response surface methodology and hybrid-training approach of artificial neural network in modelling the properties of concrete containing steel fibre extracted from waste tyres. <i>Cogent Engineering</i> , 2019, 6, .	2.2	22
5	Artificial neural network evaluation of cement-bonded particle board produced from red iron wood (<i>Lophira alata</i>) sawdust and palm kernel shell residues. <i>Case Studies in Construction Materials</i> , 2018, 9, e00185.	1.7	21
6	Strength assessment of concrete with waste glass and bankoro (<i>Morinda Citrifolia</i>) as partial replacement for fine and coarse aggregate. <i>Results in Engineering</i> , 2020, 6, 100124.	5.1	20
7	Experimental data on the splitting tensile strength of bamboo reinforced lateritic concrete using different culm sizes. <i>Data in Brief</i> , 2018, 20, 1960-1964.	1.0	16
8	Physical and Mechanical Properties Evaluation of Particle Board Produced from Saw Dust and Plastic Waste. <i>International Journal of Engineering Research in Africa</i> , 0, 40, 1-8.	0.7	12
9	Properties of agro-based hybrid particleboards. <i>Procedia Manufacturing</i> , 2019, 35, 442-446.	1.9	12
10	Physical and Mechanical Properties Evaluation of Corncob and Sawdust Cement Bonded Ceiling Boards. <i>International Journal of Engineering Research in Africa</i> , 0, 42, 65-75.	0.7	12
11	Effect of crumb rubber aggregate on the performance of cementitious composites: A review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 445, 012032.	0.3	11
12	Mechanical properties and microstructure of High-Performance Concrete with bamboo leaf ash as additive. <i>Cleaner Engineering and Technology</i> , 2022, 6, 100352.	4.0	10
13	Dataset of mechanical, marshall and rheological properties of crumb rubber " Bio-oil modified hot mix asphalt for sustainable pavement works. <i>Data in Brief</i> , 2018, 21, 63-70.	1.0	9
14	Reliability Comparison of Schmidt Rebound Hammer as a Non-Destructive Test with Compressive Strength Tests for different Concrete Mix. <i>Journal of Physics: Conference Series</i> , 2019, 1378, 032096.	0.4	9
15	Dataset of the density, water absorption and compressive strength of lateritic earth moist concrete. <i>Data in Brief</i> , 2018, 19, 2340-2343.	1.0	6
16	Performance evaluation of hot mix asphaltic concrete incorporating cow bone ash (CBA) as partial replacement for filler. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 640, 012082.	0.6	6
17	Effect of Guinea Corn Husk Ash on the Mechanical Properties of Lateritic Concrete. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 445, 012034.	0.3	6
18	Physico-mechanical properties of cement bonded ceiling board developed from teak and African locust bean tree wood residue. <i>Materials Today: Proceedings</i> , 2021, 44, 2865-2873.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Optimal water-cement ratio and volume of superplasticizers for blended cement-bamboo leaf ash high-performance concrete. Research on Engineering Structures and Materials, 2022, , .	0.4	5
20	Reliability analysis of reinforced concrete beam using varying properties. IOP Conference Series: Earth and Environmental Science, 2020, 445, 012031.	0.3	4
21	Physico-Mechanical Properties of Particle Board made from Coconut Shell, Coconut Husk and Palm Kernel Shell. IOP Conference Series: Materials Science and Engineering, 2021, 1107, 012131.	0.6	4
22	Strength Evaluation of Cocos nucifera Fibre Reinforced Concrete. Journal of Engineering and Applied Sciences, 2019, 14, 8061-8066.	0.2	4
23	Effect of coir fibre and clayey soil on the strength of unglazed roofing tiles. IOP Conference Series: Earth and Environmental Science, 2020, 445, 012030.	0.3	3
24	Experimental Study of the Strength Performance of Sawdust Ash Pervious Concrete. Journal of Engineering and Applied Sciences, 2019, 14, 8321-8328.	0.2	3
25	Effect of Curing Methods on the Compressive Strengths of Palm Kernel Shell Concrete. Civil Engineering and Architecture, 2021, 9, 2286-2291.	0.4	3
26	Effect of different brands of Nigerian cement on the properties of pervious concrete. IOP Conference Series: Earth and Environmental Science, 2020, 445, 012029.	0.3	2
27	Effect of curing methods on the strength of interlocking paving blocks. Cogent Engineering, 2020, 7, 1770914.	2.2	2
28	Response Surface Methodology and Statistical Investigation of the Strength of Bituminous Sandcrete Blocks. Civil Engineering and Architecture, 2021, 9, 1558-1571.	0.4	2
29	Relationship Between Compressive Strength and Splitting Tensile Strength of Palm Kernel Shell Concrete. Abuja Journal of Veterinary and Biomedical Sciences, 2021, 7, .	0.1	2
30	Strength evaluation of agro waste particle board with melted pure water sachet as the binding agent. IOP Conference Series: Materials Science and Engineering, 2021, 1036, 012024.	0.6	1
31	Strength Evaluation of Aluminium Fibre Reinforced Particle Board made from Sawdust and Waste Glass. IOP Conference Series: Materials Science and Engineering, 2021, 1036, 012049.	0.6	1
32	Time history analysis of a steel water tank with pinned and fixed foundations under varying ground perturbations. Nigerian Journal of Technological Development, 2018, 15, 50.	0.6	0
33	Seismic Retrofitting: A preparatory approach against the forecasted quakes in the South-Western Part of Nigeria.. Journal of Physics: Conference Series, 2019, 1378, 042004.	0.4	0
34	A descriptive and inferential analysis of on-street parking volume in Nigeria â€œA case study of Ibadan. IOP Conference Series: Earth and Environmental Science, 2020, 445, 012033.	0.3	0