

# Stephen Amiandamhen

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

287  
citations

932766

10  
h-index

887659

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Fibre Modification and Its Influence on Fibre-matrix Interfacial Properties in Biocomposite Materials. <i>Fibers and Polymers</i> , 2020, 21, 677-689.	1.1	79
2	Forest Biomass Availability and Utilization Potential in Sweden: A Review. <i>Waste and Biomass Valorization</i> , 2021, 12, 65-80.	1.8	47
3	Magnesium based phosphate cement binder for composite panels: A response surface methodology for optimisation of processing variables in boards produced from agricultural and wood processing industrial residues. <i>Industrial Crops and Products</i> , 2016, 94, 746-754.	2.5	31
4	The effect of chemical treatments of natural fibres on the properties of phosphate-bonded composite products. <i>Wood Science and Technology</i> , 2018, 52, 653-675.	1.4	15
5	Recycling sawmilling wood chips, biomass combustion residues, and tyre fibres into cement-bonded composites: Properties of composites and life cycle analysis. <i>Construction and Building Materials</i> , 2021, 297, 123781.	3.2	15
6	Properties and characteristics of novel formaldehyde-free wood adhesives prepared from <i>Irvingia gabonensis</i> and <i>Irvingia wombolu</i> seed kernel extracts. <i>International Journal of Adhesion and Adhesives</i> , 2019, 95, 102423.	1.4	13
7	Microstructure and compressive strength of gypsum-bonded composites with papers, paperboards and Tetra Pak recycled materials. <i>Journal of Wood Science</i> , 2019, 65, .	0.9	13
8	Recycled waste paperâ€œcement composite panels reinforced with kenaf fibres: durability and mechanical properties. <i>Journal of Material Cycles and Waste Management</i> , 2020, 22, 1492-1500.	1.6	11
9	Performance characteristics of treated kenaf bast fibre reinforced cement composite. <i>Journal of the Indian Academy of Wood Science</i> , 2016, 13, 156-160.	0.3	10
10	Effect of wood particle geometry and pre-treatments on the strength and sorption properties of cement-bonded particle boards. <i>Journal of Applied and Natural Science</i> , 2013, 5, 318-322.	0.2	10
11	Investigating the suitability of fly ash/metakaolin-based geopolymers reinforced with South African alien invasive wood and sugarcane bagasse residues for use in outdoor conditions. <i>European Journal of Wood and Wood Products</i> , 2021, 79, 611-627.	1.3	9
12	Bioenergy production and utilization in different sectors in Sweden: A state of the art review. <i>BioResources</i> , 2020, 15, 9834-9857.	0.5	7
13	Phosphate bonded wood composite products from invasive <i>Acacia</i> trees occurring on the Cape Coastal plains of South Africa. <i>European Journal of Wood and Wood Products</i> , 2018, 76, 437-444.	1.3	6
14	Calcium phosphate bonded wood and fiber composite panels: production and optimization of panel properties. <i>Holzforschung</i> , 2017, 71, 725-732.	0.9	5
15	Prospects for Paper Sludge in Magnesium Phosphate Cement: Composite Board Properties and Techno-Economic Analysis. <i>Waste and Biomass Valorization</i> , 2021, 12, 5211-5233.	1.8	4
16	Phosphate bonded natural fibre composites: a state of the art assessment. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	3
17	Performance evaluation of a natural based adhesive derived from <i>Irvingia</i> wood species kernel extracts on wood panel production. <i>Journal of Adhesion Science and Technology</i> , 2019, , 1-18.	1.4	3
18	Effects of geometric particle sizes of wood flour on strength and dimensional properties of wood plastic composites. <i>Journal of Applied and Natural Science</i> , 2013, 5, 194-199.	0.2	3

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19	Evaluation of Irvingia kernels extract as biobased wood adhesive. Journal of Wood Science, 2020, 66, .	0.9	3
20	Influence of heat curing and aggregates on the properties of phosphate-bonded biocomposites. SN Applied Sciences, 2019, 1, 1.	1.5	0
21	Evaluation of cement-bonded particleboards produced from mixed sawmill residues. Journal of the Indian Academy of Wood Science, 2021, 18, 14.	0.3	0
22	Characterization of unary precursor-based geopolymer bonded composite developed from ground granulated blast slag and lignocellulosic material residues. European Journal of Wood and Wood Products, 2022, 80, 377-393.	1.3	0