

Stephen Amiandamhen

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

287
citations

932766

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22
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298
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of unary precursor-based geopolymer bonded composite developed from ground granulated blast slag and lignocellulosic material residues. <i>European Journal of Wood and Wood Products</i> , 2022, 80, 377-393.	1.3	0
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	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
4	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
5	Evaluation of cement-bonded particleboards produced from mixed sawmill residues. <i>Journal of the Indian Academy of Wood Science</i> , 2021, 18, 14.	0.3	0
6	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
7	Recycled waste paper-cement 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
8	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
9	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
10	Evaluation of Irvingia kernels extract as biobased wood adhesive. <i>Journal of Wood Science</i> , 2020, 66, .	0.9	3
11	Phosphate bonded natural fibre composites: a state of the art assessment. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	3
12	Properties and characteristics of novel formaldehyde-free wood adhesives prepared from Irvingia gabonensis and Irvingia wombolu seed kernel extracts. <i>International Journal of Adhesion and Adhesives</i> , 2019, 95, 102423.	1.4	13
13	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
14	Influence of heat curing and aggregates on the properties of phosphate-bonded biocomposites. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	0
15	Performance evaluation of a natural based adhesive derived from Irvingia wood species kernel extracts on wood panel production. <i>Journal of Adhesion Science and Technology</i> , 2019, , 1-18.	1.4	3
16	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
17	Phosphate bonded wood composite products from invasive Acacia 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
18	Calcium phosphate bonded wood and fiber composite panels: production and optimization of panel properties. <i>Holzforschung</i> , 2017, 71, 725-732.	0.9	5

#	ARTICLE	IF	CITATIONS
19	Performance characteristics of treated kenaf bast fibre reinforced cement composite. Journal of the Indian Academy of Wood Science, 2016, 13, 156-160.	0.3	10
20	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. Industrial Crops and Products, 2016, 94, 746-754.	2.5	31
21	Effects of geometric particle sizes of wood flour on strength and dimensional properties of wood plastic composites. Journal of Applied and Natural Science, 2013, 5, 194-199.	0.2	3
22	Effect of wood particle geometry and pre-treatments on the strength and sorption properties of cement-bonded particle boards. Journal of Applied and Natural Science, 2013, 5, 318-322.	0.2	10