

Bemgba B Nyakuma

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

199
citations

1163117

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1125743

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all docs

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docs citations

22
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of the fuel properties, characterisation techniques, and pre-treatment technologies for oil palm empty fruit bunches. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 471-497.	4.6	12
2	Mechanical and microstructure properties of cassava peel ash-based kenaf bio-fibrous concrete composites. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 6515-6525.	4.6	2
3	Torrefaction of oil palm empty fruit bunch pellets: product yield, distribution and fuel characterisation for enhanced energy recovery. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 755-775.	4.6	7
4	Carbon dioxide torrefaction of oil palm empty fruit bunches pellets: characterisation and optimisation by response surface methodology. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5881-5900.	4.6	12
5	Physicochemical, Morphological, and Microstructural Characterisation of Bacterial Nanocellulose from <i>Gluconacetobacter xylinus</i> BCZM. <i>Journal of Natural Fibers</i> , 2022, 19, 4368-4379.	3.1	5
6	Extraction and Characterization of Cellulose Nanofibres and Cellulose Nanocrystals from Sammaz-14 Maize Cobs. <i>Journal of Natural Fibers</i> , 2022, 19, 2756-2771.	3.1	7
7	Physico-mechanical Properties of Unsaturated Polyester Resin Reinforced Maize Cob and Jute Fiber Composites. <i>Journal of Natural Fibers</i> , 2022, 19, 3195-3207.	3.1	20
8	Comprehensive Characterisation of the Morphological, Thermal and Kinetic Degradation Properties of <i>Gluconacetobacter xylinus</i> synthesised Bacterial Nanocellulose. <i>Journal of Natural Fibers</i> , 2022, 19, 6255-6268.	3.1	4
9	Morphological, Microstructure, Tensile and Water-Sorption Characteristics of Surface Modified Kenaf Fibre for Sustainable Biocomposite Reinforcement. <i>Journal of Natural Fibers</i> , 2022, 19, 7174-7185.	3.1	8
10	Property development during the COVID-19 pandemic: challenges and outlook in Malaysia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85717-85726.	5.3	9
11	Non-oxidative thermal decomposition of oil palm empty fruit bunch pellets: fuel characterisation, thermogravimetric, kinetic, and thermodynamic analyses. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1273-1292.	4.6	14
12	Physicochemical, mineralogy, and thermo-kinetic characterisation of newly discovered Nigerian coals under pyrolysis and combustion conditions. <i>International Journal of Coal Science and Technology</i> , 2021, 8, 697-716.	6.0	10
13	Emerging trends in sustainable treatment and valorisation technologies for plastic wastes in Nigeria: A concise review. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13660.	2.3	14
14	Bibliometric analysis of the research landscape on rice husks gasification (1995-2019). <i>Environmental Science and Pollution Research</i> , 2021, 28, 49467-49490.	5.3	11
15	Rare earth elements study of Cretaceous coals from Benue Trough basin, Nigeria: Modes of occurrence for greater sustainability of mining. <i>Fuel</i> , 2021, 304, 121468.	6.4	8
16	Physicochemical, Mineralogical, Thermal and Kinetic Characterisation of Selected Coals from the Benue Trough and Anambra Basin, Nigeria. <i>Coke and Chemistry</i> , 2021, 64, 496-507.	0.4	1
17	Review of the principal mechanisms, prospects, and challenges of bioelectrochemical systems. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, 13298.	2.3	40
18	WARDS A SUSTAINABLE INCENTIVE TO OPEN DEFECATION ERADICATION. <i>Journal of Sustainability Science and Management</i> , 2020, 15, 215-235.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Comprehensive Evaluation of the Combustion Kinetic Characteristics of Owukpa Coal. Coke and Chemistry, 2019, 62, 371-378.	0.4	3
20	Kinetic Analysis of Melon Seed Husk Using Non-Isothermal Thermogravimetric Analysis. Materials Today: Proceedings, 2018, 5, 23249-23257.	1.8	7
21	Fabrication, characterisation and durability performance of kenaf fibre reinforced epoxy, vinyl and polyester-based polymer composites. Biomass Conversion and Biorefinery, 0, , 1.	4.6	5
22	Extraction and Characterisation of Natural Fibres from Imperata cylindrica: Morphological, Microstructural, Thermal, and Kinetic Properties. Journal of Natural Fibers, 0, , 1-14.	3.1	0