

# Bemgba B Nyakuma

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/185866/publications.pdf>

Version: 2024-02-01

22  
papers

199  
citations

1163117

8  
h-index

1125743

13  
g-index

22  
all docs

22  
docs citations

22  
times ranked

194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of the principal mechanisms, prospects, and challenges of bioelectrochemical systems. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, 13298.	2.3	40
2	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
3	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
4	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
5	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
6	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
7	Bibliometric analysis of the research landscape on rice husks gasification (1995â€“2019). <i>Environmental Science and Pollution Research</i> , 2021, 28, 49467-49490.	5.3	11
8	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
9	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
10	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
11	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
12	Kinetic Analysis of Melon Seed Husk Using Non-Isothermal Thermogravimetric Analysis. <i>Materials Today: Proceedings</i> , 2018, 5, 23249-23257.	1.8	7
13	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
14	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
15	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
16	Fabrication, characterisation and durability performance of kenaf fibre reinforced epoxy, vinyl and polyester-based polymer composites. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	5
17	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
18	Comprehensive Evaluation of the Combustion Kinetic Characteristics of Owukpa Coal. <i>Coke and Chemistry</i> , 2019, 62, 371-378.	0.4	3

#	ARTICLE	IF	CITATIONS
19	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
20	Physiochemical, 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
21	WARDS A SUSTAINABLE INCENTIVE TO OPEN DEFECATION ERADICATION. <i>Journal of Sustainability Science and Management</i> , 2020, 15, 215-235.	0.5	0
22	Extraction and Characterisation of Natural Fibres from <i>Imperata cylindrica</i> : Morphological, Microstructural, Thermal, and Kinetic Properties. <i>Journal of Natural Fibers</i> , 0, , 1-14.	3.1	0