

John B Kirabira

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

399
citations

933447

10
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

295
citing authors

#	ARTICLE	IF	CITATIONS
1	The critical techno-economic aspects for production of B10 biodiesel from second generation feedstocks: a review. <i>International Journal of Sustainable Energy</i> , 2022, 41, 751-771.	2.4	1
2	Phyto-Mediated Copper Oxide Nanoparticles for Antibacterial, Antioxidant and Photocatalytic Performances. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 820218.	4.1	43
3	Green synthesis and characterization of iron-oxide nanoparticles using <i>Moringa oleifera</i> : a potential protocol for use in low and middle income countries. <i>BMC Research Notes</i> , 2022, 15, 149.	1.4	36
4	Process Design and Economic Evaluation for the Recovery of Halite and Co-products from Lake Katwe Brine. <i>Process Integration and Optimization for Sustainability</i> , 2021, 5, 445-460.	2.6	0
5	A systematic review of modeling and simulation approaches in designing targeted treatment technologies for Leukemia Cancer in low and middle income countries. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 8149-8173.	1.9	3
6	Characterization and pre-leaching effect on the peels of predominant cassava varieties in Uganda for production of activated carbon. <i>Current Research in Green and Sustainable Chemistry</i> , 2021, 4, 100083.	5.6	10
7	Isolation and characterization of chitosan from Ugandan edible mushrooms, Nile perch scales and banana weevils for biomedical applications. <i>Scientific Reports</i> , 2021, 11, 4116.	3.3	36
8	Characterization of Biogas Digestate for Solid Biofuel Production in Uganda. <i>Scientific African</i> , 2021, 12, e00735.	1.5	8
9	The potential for commercial scale production and application of activated carbon from cassava peels in Africa: A review. <i>Bioresource Technology Reports</i> , 2021, 15, 100772.	2.7	13
10	Optimization of production parameters for rice husk ash-based geopolymer cement using response surface methodology. <i>Case Studies in Construction Materials</i> , 2020, 13, e00461.	1.7	11
11	Nanotechnological solutions for controlling transmission and emergence of antimicrobial-resistant bacteria, future prospects, and challenges: a systematic review. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	23
12	Performance evaluation of cellulose fiber's effectiveness as a thermal insulation material for productive biogas systems. <i>Energy Reports</i> , 2020, 6, 3390-3398.	5.1	4
13	Long-life performance of biogas systems for productive applications: The role of R&D and policy. <i>Energy Reports</i> , 2019, 5, 579-583.	5.1	22
14	Flexibility and frictional behaviour of DLC and Si-DLC films deposited on nitrile rubber. <i>Surface and Coatings Technology</i> , 2014, 239, 84-94.	4.8	36
15	Raman analysis of DLC and Si-DLC films deposited on nitrile rubber. <i>Surface and Coatings Technology</i> , 2013, 232, 521-527.	4.8	42
16	Characteristics and tribological performance of DLC and Si-DLC films deposited on nitrile rubber. <i>Surface and Coatings Technology</i> , 2012, 206, 4585-4593.	4.8	45
17	Adhesion and composite micro-hardness of DLC and Si-DLC films deposited on nitrile rubber. <i>Surface and Coatings Technology</i> , 2012, 206, 4881-4886.	4.8	54
18	Fireclay Refractories from Ugandan Kaolinitic Minerals. <i>Steel Research International</i> , 2006, 77, 531-536.	1.8	4

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19	Production of carbonized briquettes from charcoal fines using African Elemi (<i>Canarium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tt 50 Environmental Effects, 0, , 1-17.	2.3	8
20	Water Boiling Test of carbonized briquettes produced from charcoal fines using African Elemi (<i>Canarium schweinfurthii</i>) resin as an organic binder. Biomass Conversion and Biorefinery, 0, , 1.	4.6	0