

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	Adhesion and composite micro-hardness of DLC and Si-DLC films deposited on nitrile rubber. Surface and Coatings Technology, 2012, 206, 4881-4886.	4.8	54
2	Characteristics and tribological performance of DLC and Si-DLC films deposited on nitrile rubber. Surface and Coatings Technology, 2012, 206, 4585-4593.	4.8	45
3	Phyto-Mediated Copper Oxide Nanoparticles for Antibacterial, Antioxidant and Photocatalytic Performances. Frontiers in Bioengineering and Biotechnology, 2022, 10, 820218.	4.1	43
4	Raman analysis of DLC and Si-DLC films deposited on nitrile rubber. Surface and Coatings Technology, 2013, 232, 521-527.	4.8	42
5	Flexibility and frictional behaviour of DLC and Si-DLC films deposited on nitrile rubber. Surface and Coatings Technology, 2014, 239, 84-94.	4.8	36
6	Isolation and characterization of chitosan from Ugandan edible mushrooms, Nile perch scales and banana weevils for biomedical applications. Scientific Reports, 2021, 11, 4116.	3.3	36
7	Green synthesis and characterization of iron-oxide nanoparticles using Moringa oleifera: a potential protocol for use in low and middle income countries. BMC Research Notes, 2022, 15, 149.	1.4	36
8	Nanotechnological solutions for controlling transmission and emergence of antimicrobial-resistant bacteria, future prospects, and challenges: a systematic review. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	23
9	Long-life performance of biogas systems for productive applications: The role of R&D and policy. Energy Reports, 2019, 5, 579-583.	5.1	22
10	The potential for commercial scale production and application of activated carbon from cassava peels in Africa: A review. Bioresource Technology Reports, 2021, 15, 100772.	2.7	13
11	Optimization of production parameters for rice husk ash-based geopolymer cement using response surface methodology. Case Studies in Construction Materials, 2020, 13, e00461.	1.7	11
12	Characterization and pre-leaching effect on the peels of predominant cassava varieties in Uganda for production of activated carbon. Current Research in Green and Sustainable Chemistry, 2021, 4, 100083.	5.6	10
13	Characterization of Biogas Digestate for Solid Biofuel Production in Uganda. Scientific African, 2021, 12, e00735.	1.5	8
14	Production of carbonized briquettes from charcoal fines using African Elemi (<i>Canarium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td Environmental Effects, 0, , 1-17.	2.3	8
15	Fireclay Refractories from Ugandan Kaolinitic Minerals. Steel Research International, 2006, 77, 531-536.	1.8	4
16	Performance evaluation of cellulose fiberâ€™s effectiveness as a thermal insulation material for productive biogas systems. Energy Reports, 2020, 6, 3390-3398.	5.1	4
17	A systematic review of modeling and simulation approaches in designing targeted treatment technologies for Leukemia Cancer in low and middle income countries. Mathematical Biosciences and Engineering, 2021, 18, 8149-8173.	1.9	3
18	The critical techno-economic aspects for production of B10 biodiesel from second generation feedstocks: a review. International Journal of Sustainable Energy, 2022, 41, 751-771.	2.4	1

#	ARTICLE	IF	CITATIONS
19	Process Design and Economic Evaluation for the Recovery of Halite and Co-products from Lake Katwe Brine. Process Integration and Optimization for Sustainability, 2021, 5, 445-460.	2.6	0
20	Water Boiling Test of carbonized briquettes produced from charcoal fines using African Elemi (Canarium schweinfurthii) resin as an organic binder. Biomass Conversion and Biorefinery, 0, , 1.	4.6	0