

Paul Musonge

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

296
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixing in a tank stirred by a Rushton turbine at a low clearance. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008, 47, 842-851.	3.6	56
2	Effectiveness of biogenic waste-derived heterogeneous catalysts and feedstock hybridization techniques in biodiesel production. <i>Biofuels, Bioproducts and Biorefining</i> , 2020, 14, 620-649.	3.7	51
3	An investigation of tertiary students' understanding of evaporation, condensation and vapour pressure. <i>International Journal of Science Education</i> , 2004, 26, 1597-1620.	1.9	42
4	The application of eggshells and sugarcane bagasse as potential biomaterials in the removal of heavy metals from aqueous solutions. <i>South African Journal of Chemical Engineering</i> , 2020, 34, 142-150.	2.4	28
5	Bio-sorption of a bi-solute system of copper and lead ions onto banana peels: characterization and optimization. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 613-624.	3.0	25
6	Optimisation of <i>Croton gratissimus</i> ; Oil Extraction by n-Hexane and Ethyl Acetate Using Response Surface Methodology. <i>Journal of Oleo Science</i> , 2018, 67, 369-377.	1.4	14
7	Evaluation of Lead (II) Removal from Wastewater Using Banana Peels: Optimization Study. <i>Polish Journal of Environmental Studies</i> , 2021, 30, 1487-1496.	1.2	14
8	Bio-sorption of copper and lead ions in single and binary systems onto banana peels. <i>Cogent Engineering</i> , 2021, 8, .	2.2	13
9	An effective green and renewable heterogeneous catalyst derived from the fusion of bi-component biowaste materials for the optimized transesterification of linseed oil methyl ester. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 1461-1472.	3.7	11
10	Application of the Response Surface Methodology in the Removal of Cu ²⁺ and Pb ²⁺ from Aqueous Solutions Using Orange Peels. <i>Scientific African</i> , 2021, 13, e00931.	1.5	10
11	Transesterification of <i>Sclerocarya birrea</i> Seed Oil Methyl Ester Synthesis. <i>Journal of Oleo Science</i> , 2021, 70, 77-93.	1.4	7
12	The Dynamic Behaviour of a Binary Adsorbent in a Fixed Bed Column for the Removal of Pb ²⁺ Ions from Contaminated Water Bodies. <i>Sustainability</i> , 2022, 14, 7662.	3.2	7
13	Drying and infusion during the traditional processing of kilishi. <i>Journal of Food Engineering</i> , 1994, 23, 159-168.	5.2	5
14	Modelling and optimisation of oxidative desulphurisation of tyre-derived oil via central composite design approach. <i>Green Processing and Synthesis</i> , 2019, 8, 451-463.	3.4	5
15	Evaluation of <i>in-situ</i> and <i>ex-situ</i> hybridization in the optimized transesterification of waste and pure vegetable oils. <i>Biofuels, Bioproducts and Biorefining</i> , 2023, 17, 342-354.	3.7	4
16	Process optimization of bio-alkaline catalysed transesterification of flax seed oil methyl ester. <i>Scientific African</i> , 2022, 16, e01275.	1.5	3
17	Kinetic study of non-isothermal co-pyrolysis of tyre crumb with eucalyptus sawdust. <i>International Journal of Environment and Waste Management</i> , 2018, 21, 184.	0.3	1
18	Kinetic study of non-isothermal co-pyrolysis of tyre crumb with eucalyptus sawdust. <i>International Journal of Environment and Waste Management</i> , 2018, 21, 184.	0.3	0

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19	Non-Isothermal Model-Free and Model-Fitting Kinetics of Tyre Crumb Pyrolysis. Journal of Solid Waste Technology and Management, 2019, 45, 121-130.	0.2	0
20	BIOLOGICAL NUTRIENT REMOVAL EFFICIENCIES FOR HYDRAULICALLY OVERLOADED WASTEWATER WORKS., 2019,,.		0