

Yusuf Isa

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

374
citations

933447

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794594

19
g-index

21
all docs

21
docs citations

21
times ranked

521
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the efficiency of thermal conversion of microalgae: a review. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8813-8827.	4.6	2
2	The Place of Biofuel in Sustainable Living: Prospects and Challenges. , 2022, , 226-258.		6
3	Techno-economic analysis of biodiesel production over lipid extracted algae derived catalyst. <i>Biofuels</i> , 2022, 13, 663-674.	2.4	15
4	Water Treated Promoted Catalysts for the Conversion of Ethanol to Hydrocarbons. <i>Advances in Science, Technology and Innovation</i> , 2022, , 385-392.	0.4	3
5	Comparative evaluation of wastewater and bioventing system for the treatment of acid mine drainage contaminated soils. <i>Water-Energy Nexus</i> , 2021, 4, 134-140.	4.0	8
6	Wastewater and Bioventing Treatment Systems for Acid Mine Drainageâ€œContaminated Soil. <i>Soil and Sediment Contamination</i> , 2021, 30, 518-531.	1.9	9
7	Hydrothermal gasification of <i>Scenedesmus obliquus</i> and its derivatives: a thermodynamic study using Aspen Plus. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 1421-1430.	3.7	1
8	Catalytic pyrolysis of nutrient-stressed <i>Scenedesmus obliquus</i> microalgae for high-quality bio-oil production. <i>Renewable Energy</i> , 2021, 179, 2036-2047.	8.9	16
9	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
10	Utilization of quaternary solvent mixtures for extraction of lipids from <i>Scenedesmus obliquus</i> microalgae. <i>Cogent Engineering</i> , 2020, 7, 1788877.	2.2	3
11	Further evidence on environmental impacts of carbon monoxide from portable power generator on indoor air quality. <i>Cogent Engineering</i> , 2020, 7, 1809771.	2.2	4
12	Synthesis and Application of Porous Kaolin-Based ZSM-5 in the Petrochemical Industry. , 2020, , .		0
13	Decomposition of Methane to Carbon and Hydrogen: A Catalytic Perspective. <i>Energy Technology</i> , 2019, 7, 1800593.	3.8	22
14	Bio-oil as a potential source of petroleum range fuels. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 69-75.	16.4	66
15	Membrane desalination technologies in water treatment: A review. <i>Water Practice and Technology</i> , 2018, 13, 738-752.	2.0	47
16	A novel catalyst system for methane decomposition. <i>International Journal of Energy Research</i> , 2018, 42, 4372-4382.	4.5	18
17	Effect of kaolin chemical reactivity on the formation of ZSM-5 and its physicochemical properties. <i>Microporous and Mesoporous Materials</i> , 2017, 237, 1-11.	4.4	23
18	Production of bio-aromatics from ethanol-waste cooking oil mixtures over ZSM-5 catalyst material. <i>Catalysis for Sustainable Energy</i> , 2016, 5, 19-27.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Synthesis of ZSM-5 from impure and beneficiated Grahamstown kaolin: Effect of kaolinite content, crystallisation temperatures and time. <i>Applied Clay Science</i> , 2016, 119, 213-221.	5.2	48
20	The catalytic conversion of bioethanol to hydrocarbon fuel: A review and study. <i>Catalysis in Industry</i> , 2010, 2, 402-420.	0.7	50
21	Synthesis of motor fuels from bioethanol. <i>Chemistry and Technology of Fuels and Oils</i> , 2008, 44, 409-414.	0.5	4