Eslam G Al-Sakkari

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9351586/publications.pdf

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20	406	759233 12	940533 16
papers	citations	h-index	g-index

21	21	21	336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Viral outbreaks detection and surveillance using wastewater-based epidemiology, viral air sampling, and machine learning techniques: A comprehensive review and outlook. Science of the Total Environment, 2022, 803, 149834.	8.0	48
2	Cost-effective viable solutions for existing technologies. , 2022, , 381-395.		2
3	Fish and animal waste as catalysts for biodiesel synthesis. , 2022, , 119-136.		0
4	Inorganic wastes as heterogeneous catalysts for biodiesel production. , 2022, , 137-163.		0
5	One-pot conversion of highly acidic waste cooking oil into biodiesel over a novel bio-based bi-functional catalyst. Fuel, 2021, 283, 118914.	6.4	25
6	Comprehensive elucidation of the apparent kinetics and mass transfer resistances for biodiesel production via in-house developed carbonaceous catalyst. Chemical Engineering Research and Design, 2021, 165, 192-206.	5.6	12
7	Magnetized ZIF-8 impregnated with sodium hydroxide as a heterogeneous catalyst for high-quality biodiesel production. Renewable Energy, 2021, 165, 405-419.	8.9	24
8	Food Waste: A Promising Source of Sustainable Biohydrogen Fuel. Trends in Biotechnology, 2021, 39, 1274-1288.	9.3	36
9	Biodiesel production catalyzed by NaOH/Magnetized ZIF-8: Yield improvement using methanolysis and catalyst reusability enhancement. Renewable Energy, 2021, 174, 253-261.	8.9	24
10	Palm oil industrial wastes as a promising feedstock for biohydrogen production: A comprehensive review. Environmental Pollution, 2021, 291, 118160.	7.5	17
11	A bi-functional alginate-based composite for catalyzing one-pot methyl esters synthesis from waste cooking oil having high acidity. Fuel, 2021, 306, 121637.	6.4	7
12	A cleaner enzymatic approach for producing non-phthalate plasticiser to replace toxic-based phthalates. Clean Technologies and Environmental Policy, 2020, 22, 73-89.	4.1	22
13	Esterification of high FFA content waste cooking oil through different techniques including the utilization of cement kiln dust as a heterogeneous catalyst: A comparative study. Fuel, 2020, 279, 118519.	6.4	29
14	New alginate-based interpenetrating polymer networks for water treatment: A response surface methodology based optimization study. International Journal of Biological Macromolecules, 2020, 155, 772-785.	7.5	25
15	Kinetics and Gibbs Function Studies on Lipase-Catalyzed Production of Non-Phthalate Plasticizer. Journal of Oleo Science, 2020, 69, 727-735.	1.4	16
16	Comparative Technoeconomic Analysis of Using Waste and Virgin Cooking Oils for Biodiesel Production. Frontiers in Energy Research, 2020, 8, .	2.3	9
17	Kinetic Modelling of Heterogeneous Methanolysis Catalysed by Iron Induced on Microporous Carbon Supported Catalyst. Catalysis Letters, 2019, 149, 3508-3524.	2.6	13
18	Waste-to-Energy Trends and Prospects: A Review. , 2019, , 673-684.		9

#	Article	IF	Citations
19	Kinetic study of soybean oil methanolysis using cement kiln dust as a heterogeneous catalyst for biodiesel production. Applied Catalysis B: Environmental, 2017, 206, 146-157.	20.2	59
20	Investigation of cement kiln dust utilization for catalyzing biodiesel production via response surface methodology. International Journal of Energy Research, 2017, 41, 593-603.	4.5	28