

# E O Ajala

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

268  
citations

1163117

8  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sugarcane bagasse: a biomass sufficiently applied for improving global energy, environment and economic sustainability. <i>Bioreources and Bioprocessing</i> , 2021, 8, .	4.2	69
2	Nano-synthesis of solid acid catalysts from waste-iron-filling for biodiesel production using high free fatty acid waste cooking oil. <i>Scientific Reports</i> , 2020, 10, 13256.	3.3	39
3	Lactic Acid Production from Lignocellulose – A Review of Major Challenges and Selected Solutions. <i>ChemBioEng Reviews</i> , 2020, 7, 38-49.	4.4	38
4	Optimization of a two stage process for biodiesel production from shea butter using response surface methodology. <i>Egyptian Journal of Petroleum</i> , 2017, 26, 943-955.	2.6	36
5	Thermal modification of chicken eggshell as heterogeneous catalyst for palm kernel biodiesel production in an optimization process. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 2599-2615.	4.6	22
6	Optimization of solvent extraction of shea butter ( <i>Vitellaria paradoxa</i> ) using response surface methodology and its characterization. <i>Journal of Food Science and Technology</i> , 2016, 53, 730-738.	2.8	20
7	Kinetics of gluconic acid production and cell growth in a batch bioreactor by <i>Aspergillus niger</i> using breadfruit hydrolysate. <i>Journal of Food Process Engineering</i> , 2017, 40, e12461.	2.9	12
8	SYNTHESIS OF SOLID CATALYST FROM DOLOMITE FOR BIODIESEL PRODUCTION USING PALM KERNEL OIL IN AN OPTIMIZATION PROCESS BY DEFINITIVE SCREENING DESIGN. <i>Brazilian Journal of Chemical Engineering</i> , 2019, 36, 979-994.	1.3	10
9	Lactic acid production: Utilization of yam peel hydrolysate as a substrate using <i>Rhizopus oryzae</i> in kinetic studies. <i>Biofuels, Bioproducts and Biorefining</i> , 2021, 15, 1031-1045.	3.7	7
10	Synthesis of solid catalyst from natural calcite for biodiesel production: Case study of palm kernel oil in an optimization study using definitive screening design. <i>Biofuels</i> , 2021, 12, 703-714.	2.4	5
11	Enzymatic Extraction of Shea Butter: Optimization Study Using Response Surface Methodology. <i>Journal of Food Process Engineering</i> , 2017, 40, e12329.	2.9	4
12	One-pot synthesis of biodiesel from high FFA shea butter in an optimisation study using response surface methodology. <i>Biofuels</i> , 2018, , 1-8.	2.4	3
13	Comparative Analysis of Physico-Chemical Properties of Oil Extract From Two Varieties of Fluted Pumpkin Seeds Using Different Extraction Methods. <i>Journal of Science, Engineering and Technology</i> , 2018, 13, 48-60.	0.0	2
14	Development of Bi-Functional Heterogeneous Catalyst for Transesterification of Waste Cooking Oil to Biodiesel: Optimization Studies. <i>Advanced Materials Research</i> , 0, 1163, 128-147.	0.3	0