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List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

490
citations

759233

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713466

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23
docs citations

23
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Glycerol Catalytic Valorization: A Review. <i>Catalysts</i> , 2020, 10, 1279.	3.5	101
2	Biodiesel by Transesterification of Rapeseed Oil Using Ultrasound: A Kinetic Study of Base-Catalysed Reactions. <i>Energies</i> , 2018, 11, 2229.	3.1	67
3	Safflower Biodiesel: Improvement of its Oxidative Stability by Using BHA and TBHQ. <i>Energies</i> , 2019, 12, 1940.	3.1	47
4	Biolubricants from Rapeseed and Castor Oil Transesterification by Using Titanium Isopropoxide as a Catalyst: Production and Characterization. <i>Catalysts</i> , 2020, 10, 366.	3.5	40
5	High oleic safflower oil as a feedstock for stable biodiesel and biolubricant production. <i>Industrial Crops and Products</i> , 2021, 170, 113701.	5.2	40
6	Sunflower oil transesterification with methanol using immobilized lipase enzymes. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 157-166.	3.4	25
7	Biodiesel and biolubricant production from different vegetable oils through transesterification. <i>Engineering Reports</i> , 2020, 2, e12190.	1.7	23
8	Biodiesel Production from Castor Oil by Two-Step Catalytic Transesterification: Optimization of the Process and Economic Assessment. <i>Catalysts</i> , 2019, 9, 864.	3.5	21
9	Valorization of <i>Cynara Cardunculus L.</i> Oil as the Basis of a Biorefinery for Biodiesel and Biolubricant Production. <i>Energies</i> , 2020, 13, 5085.	3.1	19
10	The Effect of Antioxidants on Corn and Sunflower Biodiesel Properties under Extreme Oxidation Conditions. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2020, 97, 201-212.	1.9	18
11	COVID-19 Outbreak: Insights about Teaching Tasks in a Chemical Engineering Laboratory. <i>Education Sciences</i> , 2020, 10, 226.	2.6	13
12	Biolubricant Production through Double Transesterification: Reactor Design for the Implementation of a Biorefinery Based on Rapeseed. <i>Processes</i> , 2021, 9, 1224.	2.8	12
13	Cardoon biolubricant through double transesterification: Assessment of its oxidative, thermal and storage stability. <i>Materials Letters</i> , 2021, 302, 130454.	2.6	11
14	Environmental Education for Students from School to University: Case Study on Biorefineries. <i>Education Sciences</i> , 2019, 9, 202.	2.6	8
15	Transesterification of Soybean Oil through Different Homogeneous Catalysts: Kinetic Study. <i>Catalysts</i> , 2022, 12, 146.	3.5	8
16	Lanthanum Effect on Ni/Al ₂ O ₃ as a Catalyst Applied in Steam Reforming of Glycerol for Hydrogen Production. <i>Processes</i> , 2019, 7, 449.	2.8	7
17	Use of mild reaction conditions to improve quality parameters and sustainability during biolubricant production. <i>Biomass and Bioenergy</i> , 2022, 161, 106456.	5.7	7
18	Developing and Implementing a Laboratory Safety Course Focusing on Biodiesel and Biolubricants to Train Student Researchers and Promote Safety Culture. <i>Journal of Chemical Education</i> , 2021, 98, 134-142.	2.3	6

#	ARTICLE	IF	CITATIONS
19	The effect of BHA on oxidative stability of biodiesel from different sources. , 2020, 10, 1193-1201.		5
20	Use of NaNO ₃ /SiAl as Heterogeneous Catalyst for Fatty Acid Methyl Ester Production from Rapeseed Oil. Catalysts, 2021, 11, 1405.	3.5	5
21	Catalyzed Steam Gasification of Cistus Ladanifer Biochar. Catalysts, 2020, 10, 1430.	3.5	4
22	Thermogravimetry of the Steam Gasification of Calluna vulgaris: Kinetic Study. Catalysts, 2021, 11, 657.	3.5	3
23	Editorial Catalysts: Special Issue on "Biomass Derived Heterogeneous and Homogeneous Catalysts" Catalysts, 2020, 10, 1433.	3.5	0