

Elaine Gabutin Mission

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

167
citations

1307543

7
h-index

1588975

8
g-index

10
all docs

10
docs citations

10
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergizing graphene oxide with microwave irradiation for efficient cellulose depolymerization into glucose. <i>Green Chemistry</i> , 2017, 19, 3831-3843.	9.0	51
2	Nanoparticle tools to improve and advance precision practices in the Agrifoods Sector towards sustainability - A review. <i>Journal of Cleaner Production</i> , 2021, 293, 126063.	9.3	38
3	Graphene Oxide and Microwave Synergism for Efficient Esterification of Fatty Acids. <i>Energy & Fuels</i> , 2018, 32, 3599-3607.	5.1	31
4	Supercritical carbon dioxide-mediated esterification in a microfluidic reactor. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 123, 168-173.	3.6	14
5	Improving the proton conductivity of graphene oxide membranes by intercalating cations. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	12
6	Integrating reduced graphene oxide with microwave-subcritical water for cellulose depolymerization. <i>Catalysis Science and Technology</i> , 2018, 8, 5434-5444.	4.1	9
7	Carbocatalysed hydrolytic cleaving of the glycosidic bond in fucoidan under microwave irradiation. <i>RSC Advances</i> , 2019, 9, 30325-30334.	3.6	9
8	Electrochemical hydrogen production from humid air using cation-modified graphene oxide membranes. <i>Pure and Applied Chemistry</i> , 2021, 93, 1-11.	1.9	3
9	Microwave-Assisted Pressurized Hot Water Extraction of Alkaloids. , 2017, , 269-289.		0
10	Thermal, hydrothermal liquefaction, and electromagnetic processes for biomass conversion. , 2022, , 421-446.		0