Catia Giovanna Lopresto

List of Publications by Year
in descending order

17	578	932766 10	1058022 14
papers	citations	h-index	g-index

17	17	17	741
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioplastic from Renewable Biomass: A Facile Solution for a Greener Environment. Earth Systems and Environment, 2021, 5, 231-251.	3.0	161
2	A non-conventional method to extract D-limonene from waste lemon peels and comparison with traditional Soxhlet extraction. Separation and Purification Technology, 2014, 137, 13-20.	3.9	84
3	Techno-economic assessment of the sustainability of an integrated biorefinery from microalgae and Jatropha: A review and case study. Renewable and Sustainable Energy Reviews, 2018, 88, 239-257.	8.2	80
4	Enzymatic transesterification of waste vegetable oil to produce biodiesel. Ecotoxicology and Environmental Safety, 2015, 121, 229-235.	2.9	66
5	Kinetic study on the enzymatic esterification of octanoic acid and hexanol by immobilized Candida antarctica lipase B. Journal of Molecular Catalysis B: Enzymatic, 2014, 110, 64-71.	1.8	45
6	Chemical Profile and Antioxidant Properties of Extracts and Essential Oils from CitrusÂÃ—Âlimon (L.) <scp>Burm</scp>. cv. Femminello Comune. Chemistry and Biodiversity, 2016, 13, 571-581.	1.0	39
7	Bioconversion of lignocellulosic biomass to bioethanol and biobutanol. , 2020, , 67-125.		20
8	Stability of Film-Forming Dispersions: Affects the Morphology and Optical Properties of Polymeric Films. Polymers, 2021, 13, 1464.	2.0	19
9	Process-intensified waste valorization and environmentally friendly d-limonene extraction. Euro-Mediterranean Journal for Environmental Integration, 2019, 4, 1.	0.6	15
10	Application of organic solvent nanofiltration for microalgae extract concentration. Biofuels, Bioproducts and Biorefining, 2017, 11, 307-324.	1.9	13
11	Small-Scale Biodiesel Production Plantsâ€"An Overview. Energies, 2021, 14, 1901.	1.6	13
12	Sargassum Invasion in the Caribbean: An Opportunity for Coastal Communities to Produce Bioenergy Based on Biorefineryâ€"An Overview. Waste and Biomass Valorization, 2022, 13, 2769-2793.	1.8	11
13	Crossed analysis by T-history and optical light scattering method for the performance evaluation of Glauberâ€™s salt-based phase change materials. Journal of Dispersion Science and Technology, 2022, 43, 760-768.	1.3	6
14	Starch/pectinâ€biobased films: How initial dispersions could affect their performances. Journal of Applied Polymer Science, 2022, 139, 52032.	1.3	4
15	T-history method: the importance of the cooling chamber to evaluate the thermal properties of Glauberâ€™s salt-based phase change materials. Measurement Science and Technology, 2021, 32, 035601.	1.4	2
16	Lemonene Recovery from Waste Lemon Peels with Supercritical Extraction. Advances in Science, Technology and Innovation, 2018, , 1147-1149.	0.2	0
17	Biofuels and Bioenergy from Residual Biomasses: When a Waste Becomes a Resource. Advances in Science, Technology and Innovation, 2018, , 1569-1571.	0.2	0