

Edinson Yara-VarÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

490
citations

1040056

9
h-index

940533

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16
all docs

16
docs citations

16
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Is it possible to substitute hexane with green solvents for extraction of carotenoids? A theoretical versus experimental solubility study. <i>RSC Advances</i> , 2016, 6, 27750-27759.	3.6	132
2	Vegetable Oils as Alternative Solvents for Green Oleo-Extraction, Purification and Formulation of Food and Natural Products. <i>Molecules</i> , 2017, 22, 1474.	3.8	114
3	Limonene as an agro-chemical building block for the synthesis and extraction of bioactive compounds. <i>Comptes Rendus Chimie</i> , 2017, 20, 346-358.	0.5	78
4	Solvent from forestry biomass. Pinane a stable terpene derived from pine tree byproducts to substitute n-hexane for the extraction of bioactive compounds. <i>Green Chemistry</i> , 2016, 18, 6596-6608.	9.0	42
5	Cadmium exposure during pregnancy and lactation: materno-fetal and newborn repercussions of Cd(Cd^{2+}), and Cd-metallothionein complexes. <i>Metallomics</i> , 2018, 10, 1359-1367.	2.4	39
6	Lipase activity and enantioselectivity of whole cells from a wild-type <i>Aspergillus flavus</i> strain. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 100, 78-83.	1.8	14
7	Solvent-free biocatalytic interesterification of acrylate derivatives. <i>Catalysis Today</i> , 2012, 196, 86-90.	4.4	11
8	Synthesis of poly(ethyl acrylate-co-allyl acrylates) from acrylate mixtures prepared by a continuous solvent-free enzymatic process. <i>RSC Advances</i> , 2012, 2, 9230.	3.6	11
9	Sustainable Synthesis of Omega-3 Fatty Acid Ethyl Esters from Monkfish Liver Oil. <i>Catalysts</i> , 2021, 11, 100.	3.5	11
10	Use of biobased crude glycerol, obtained biocatalytically, to obtain biofuel additives by catalytic acetalization of furfural using SAPO catalysts. <i>Fuel</i> , 2022, 319, 123803.	6.4	10
11	Ionic compounds derived from crude glycerol: Thermal energy storage capability evaluation. <i>Renewable Energy</i> , 2017, 114, 629-637.	8.9	9
12	Biocatalytic preparation of dichloropropyl acrylates. Application to the synthesis of poly(dichloropropyl acrylates). <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 92, 7-13.	1.8	6
13	Recycling <i>Rhizopus oryzae</i> resting cells as biocatalyst to prepare near eutectic palmitic-stearic acid mixtures from non-edible fat. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 134, 172-177.	1.8	6
14	Entrapment in polymeric material of resting cells of <i>Aspergillus flavus</i> with lipase activity. Application to the synthesis of ethyl laurate. <i>RSC Advances</i> , 2014, 4, 38418-38424.	3.6	3
15	Entirely solvent-free biocatalytic synthesis of solketal fatty esters from soybean seeds. <i>Comptes Rendus Chimie</i> , 2016, 19, 749-753.	0.5	3
16	Nuclear Magnetic Resonance Spectroscopy: An Alternative Fast Tool for Quantitative Analysis of the Solvent-free Ethanolysis of Coconut Oil Using Fungal Resting Cells. <i>New Biotechnology</i> , 2014, 31, S89.	4.4	1