MercÃ¨ Torres i Grifo

List of Publications by Year
in descending order

32 papers	311 citations	840776 11 h-index	940533 16 g-index
32 all docs	32 docs citations	32 times ranked	396 citing authors

#	Article	IF	Citations
1	Use of biobased crude glycerol, obtained biocatalytically, to obtain biofuel additives by catalytic acetalization of furfural using SAPO catalysts. Fuel, 2022, 319, 123803.	6.4	10
2	Biocatalytic Transformation of 5-Hydroxymethylfurfural into 2,5-di(hydroxymethyl)furan by a Newly Isolated Fusarium striatum Strain. Catalysts, 2021, 11, 216.	3.5	14
3	Raw and waste plant materials as sources of fungi with epoxide hydrolase activity. Application to the kinetic resolution of aryl and alkyl glycidyl ethers. Biocatalysis and Biotransformation, 2018, 36, 78-88.	2.0	2
4	Entirely solvent-free biocatalytic synthesis of solketal fatty esters from soybean seeds. Comptes Rendus Chimie, 2016, 19, 749-753.	0.5	3
5	Effect of fungal mycelia on the HPLCâ€“UV and UVâ€“vis spectrophotometric assessment of mycelium-bound epoxide hydrolase using glycidyl phenyl ether. New Biotechnology, 2016, 33, 449-459.	4.4	0
6	Chemoenzymatic Solvent-free Synthesis of 1-Monopalmitin Using a Microwave Reactor. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	2
7	Entrapment in polymeric material of resting cells of Aspergillus flavus with lipase activity. Application to the synthesis of ethyl laurate. RSC Advances, 2014, 4, 38418-38424.	3.6	3
8	Preparation of chiral glycerol derivatives using chemoenzymatic approaches. RSC Advances, 2014, 4, 34623.	3.6	2
9	Lipase activity and enantioselectivity of whole cells from a wild-type Aspergillius flavus strain. Journal of Molecular Catalysis B: Enzymatic, 2014, 100, 78-83.	1.8	14
10	Chemoenzymatic solvent-free synthesis of 1-monopalmitin using a microwave reactor. Natural Product Communications, 2014, 9, 1095-8.	0.5	1
11	Acylation of Chiral Alcohols: A Simple Procedure for Chiral GC Analysis. Journal of Analytical Methods in Chemistry, 2012, 2012, 1-10.	1.6	3
12	Solvent-free biocatalytic interesterification of acrylate derivatives. Catalysis Today, 2012, 196, 86-90.	4.4	11
13	Synthesis of poly(ethyl acrylate-co-allyl acrylates) from acrylate mixtures prepared by a continuous solvent-free enzymatic process. RSC Advances, 2012, 2, 9230.	3.6	11
14	Determination of the iodine value of biodiesel using 1H NMR with 1,4-dioxane as an internal standard. Fuel, 2010, 89, 3489-3492.	6.4	20
15	Preparation of (S)-1-Halo-2-octanols Using Ionic Liquids and Biocatalysts. Molecules, 2009, 14, 4275-4283.	3.8	7
16	Direct Quantitation of Fatty Acids Present in Bacteria and Fungi: Stability of the Cyclopropane Ring to Chlorotrimethylsilane. Journal of Agricultural and Food Chemistry, 2008, 56, 4923-4927.	5.2	5
17	[BMIM][PF6] Promotes the Synthesis of Halohydrin Esters from Diols Using Potassium Halides. Analytical Sciences, 2008, 24, 1341-1345.	1.6	7
18	Combining regio- and enantioselectivity of lipases for the preparation of (R)-4-chloro-2-butanol. Chirality, 2007, 19, 44-50.	2.6	12

#	Article	IF	Citations
19	Reactive extraction of acylglycerides using a column bioreactor containingRhizopus oryzaeresting-cells. Biocatalysis and Biotransformation, 2006, 24, 201-208.	2.0	1
20	Parallel Synthesis:Â A New Approach for Developing Analytical Internal Standards. Application to the Analysis of Patulin by Gas Chromatographyâ^'Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2005, 53, 6643-6648.	5.2	14
21	Reactive extraction of acylglycerides using Aspergillus flavus resting cells. JAOCS, Journal of the American Oil Chemists' Society, 2003, 80, 347-351.	1.9	8
22	Endophytic Fungi Associated with Mediterranean Plants as a Source of Mycelium-Bound Lipases. Journal of Agricultural and Food Chemistry, 2003, 51, 3328-3333.	5.2	31
23	Reactive Extraction of the Acylglycerides Present in Various Materials using Rhizopus oryzae Resting Cells. Biocatalysis and Biotransformation, 2003, 21, 129-134.	2.0	3
24	Title is missing!. Biotechnology Letters, 2000, 22, 1265-1268.	2.2	7
25	Analysis of Underivatizated Patulin by a GC-MS Technique. Journal of Food Protection, 1999, 62, 202-205.	1.7	31
26	Fate of Fumonisin B1in Corn Kernel Steeping Water Containing SO2. Journal of Agricultural and Food Chemistry, 1999, 47, 276-278.	5.2	17
27	Bactericidal and fungicidal activity ofAspergillus ochraceusmetabolites and some derivatives. , 1998, 53, 9-14.		14
28	Spectrophotometric Determination of the Positional Specificity of Nonspecific and 1,3-Specific Lipases. Analytical Biochemistry, 1997, 252, 186-189.	2.4	12
29	A Survey of aflatoxins and aflatoxigenic Aspergillus flavus in corn-based products from the Spanish market. Microbiological Research, 1995, 150, 437-440.	5.3	5
30	Effect of fungal metabolites and some derivatives againstTribolium castaneum(Herbst) andNezara viridula(L.). Pest Management Science, 1995, 45, 319-323.	0.4	14
31	Influence of age on ergosterol content in mycelium of Aspergillus ochraceus. Letters in Applied Microbiology, 1992, 15, 20-22.	2.2	19
32	Production of patulin and griseofulvin by a strain of Penicillium griseofulvum in three different media. Mycopathologia, 1987, 99, 85-89.	3.1	8