Sonia Moreno-PÃ©rez

List of Publications by Year
in descending order

22	511	567144 15	713332 21
papers	citations	h-index	g-index

22	22	22	590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ethyl esters production catalyzed by immobilized lipases is influenced by n-hexane and ter-amyl alcohol as organic solvents. Bioprocess and Biosystems Engineering, 2020, 43, 2107-2115.	1.7	6
2	Synthesis of omega-3 ethyl esters from chia oil catalyzed by polyethylene glycol-modified lipases with improved stability. Food Chemistry, 2019, 271, 433-439.	4.2	16
3	Biocatalyst engineering of Thermomyces Lanuginosus lipase adsorbed on hydrophobic supports: Modulation of enzyme properties for ethanolysis of oil in solvent-free systems. Journal of Biotechnology, 2019, 289, 126-134.	1.9	35
4	Preparation of a robust immobilized biocatalyst of Î²-1,4-endoxylanase by surface coating with polymers for production of xylooligosaccharides from different xylan sources. New Biotechnology, 2018, 44, 50-58.	2.4	18
5	Immobilization and stabilization of commercial Î²-1,4-endoxylanase Depolâ„¢ 333MDP by multipoint covalent attachment for xylan hydrolysis: Production of prebiotics (xylo-oligosaccharides). Biocatalysis and Biotransformation, 2018, 36, 141-150.	1.1	14
6	Enzymatic transesterification in a solvent-free system: synthesis of sn-2 docosahexaenoyl monoacylglycerol. Biocatalysis and Biotransformation, 2018, 36, 265-270.	1.1	9
7	Covalent immobilization-stabilization of Î²-1,4-endoxylanases from Trichoderma reesei : Production of xylooligosaccharides. Process Biochemistry, 2018, 64, 170-176.	1.8	24
8	Stabilization of multimeric sucrose synthase from Acidithiobacillus caldus via immobilization and post-immobilization techniques for synthesis of UDP-glucose. Applied Microbiology and Biotechnology, 2018, 102, 773-787.	1.7	25
9	Designing continuous flow reaction of xylan hydrolysis for xylooligosaccharides production in packed-bed reactors using xylanase immobilized on methacrylic polymer-based supports. Bioresource Technology, 2018, 266, 249-258.	4.8	41
10	Stabilization of Immobilized Lipases by Intense Intramolecular Cross-Linking of Their Surfaces by Using Aldehyde-Dextran Polymers. International Journal of Molecular Sciences, 2018, 19, 553.	1.8	32
11	Critical Role of Different Immobilized Biocatalysts of a Given Lipase in the Selective Ethanolysis of Sardine Oil. Journal of Agricultural and Food Chemistry, 2017, 65, 117-122.	2.4	17
12	Immobilization of Lipase from Penicillium sp. Section Gracilenta (CBMAI 1583) on Different Hydrophobic Supports: Modulation of Functional Properties. Molecules, 2017, 22, 339.	1.7	22
13	Different Covalent Immobilizations Modulate Lipase Activities of Hypocrea pseudokoningii. Molecules, 2017, 22, 1448.	1.7	6
14	Modulation of the regioselectivity of Thermomyces lanuginosus lipase via biocatalyst engineering for the Ethanolysis of oil in fully anhydrous medium. BMC Biotechnology, 2017, 17, 88.	1.7	41
15	Immobilization of Moniliella spathulata R25L270 Lipase on Ionic, Hydrophobic and Covalent Supports: Functional Properties and Hydrolysis of Sardine Oil. Molecules, 2017, 22, 1508.	1.7	16
16	Co-immobilization and stabilization of xylanase, Î²-xylosidase and Î±-l-arabinofuranosidase from Penicillium janczewskii for arabinoxylan hydrolysis. Process Biochemistry, 2016, 51, 614-623.	1.8	17
17	Dramatic hyperactivation of lipase of Thermomyces lanuginosa by a cationic surfactant: Fixation of the hyperactivated form by adsorption on sulfopropyl-sepharose. Journal of Molecular Catalysis B: Enzymatic, 2015, 122, 199-203.	1.8	14
18	Synthesis and modification of polyurethane for immobilization of Thermomyces lanuginosus (TLL) lipase for ethanolysis of fish oil in solvent free system. Journal of Molecular Catalysis B: Enzymatic, 2015, 122, 163-169.	1.8	25

#	Article	IF	Citations
19	Immobilization of Proteins on Highly Activated Glyoxyl Supports: Dramatic Increase of the Enzyme Stability <i>via</i> Multipoint Immobilization on Pre-existing Carriers. Current Organic Chemistry, 2015, 19, 1719-1731.	0.9	54
20	Selective Ethanolysis of Fish Oil Catalyzed by Immobilized Lipases. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 63-69.	0.8	34
21	Synthesis of ascorbyl oleate by transesterification of olive oil with ascorbic acid in polar organic media catalyzed by immobilized lipases. Chemistry and Physics of Lipids, 2013, 174, 48-54.	1.5	31
22	Aprendizaje basado en simulaciÃ³n con realidad virtual. Education in the Knowledge Society, 0, 21, 15.	2.0	14