

Sonia Moreno-Páez

List of Publications by Year in descending order

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22
papers

511
citations

567144

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all docs

22
docs citations

22
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590
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of Proteins on Highly Activated Glyoxyl Supports: Dramatic Increase of the Enzyme Stability & Multipoint Immobilization on Pre-existing Carriers. <i>Current Organic Chemistry</i> , 2015, 19, 1719-1731.	0.9	54
2	Modulation of the regioselectivity of <i>Thermomyces lanuginosus</i> lipase via biocatalyst engineering for the Ethanolysis of oil in fully anhydrous medium. <i>BMC Biotechnology</i> , 2017, 17, 88.	1.7	41
3	Designing continuous flow reaction of xylan hydrolysis for xylooligosaccharides production in packed-bed reactors using xylanase immobilized on methacrylic polymer-based supports. <i>Bioresource Technology</i> , 2018, 266, 249-258.	4.8	41
4	Biocatalyst engineering of <i>Thermomyces Lanuginosus</i> lipase adsorbed on hydrophobic supports: Modulation of enzyme properties for ethanolysis of oil in solvent-free systems. <i>Journal of Biotechnology</i> , 2019, 289, 126-134.	1.9	35
5	Selective Ethanolysis of Fish Oil Catalyzed by Immobilized Lipases. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2014, 91, 63-69.	0.8	34
6	Stabilization of Immobilized Lipases by Intense Intramolecular Cross-Linking of Their Surfaces by Using Aldehyde-Dextran Polymers. <i>International Journal of Molecular Sciences</i> , 2018, 19, 553.	1.8	32
7	Synthesis of ascorbyl oleate by transesterification of olive oil with ascorbic acid in polar organic media catalyzed by immobilized lipases. <i>Chemistry and Physics of Lipids</i> , 2013, 174, 48-54.	1.5	31
8	Synthesis and modification of polyurethane for immobilization of <i>Thermomyces lanuginosus</i> (TLL) lipase for ethanolysis of fish oil in solvent free system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 163-169.	1.8	25
9	Stabilization of multimeric sucrose synthase from <i>Acidithiobacillus caldus</i> via immobilization and post-immobilization techniques for synthesis of UDP-glucose. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 773-787.	1.7	25
10	Covalent immobilization-stabilization of β -1,4-endoxylanases from <i>Trichoderma reesei</i> : Production of xylooligosaccharides. <i>Process Biochemistry</i> , 2018, 64, 170-176.	1.8	24
11	Immobilization of Lipase from <i>Penicillium</i> sp. Section <i>Gracilentia</i> (CBMAI 1583) on Different Hydrophobic Supports: Modulation of Functional Properties. <i>Molecules</i> , 2017, 22, 339.	1.7	22
12	Preparation of a robust immobilized biocatalyst of β -1,4-endoxylanase by surface coating with polymers for production of xylooligosaccharides from different xylan sources. <i>New Biotechnology</i> , 2018, 44, 50-58.	2.4	18
13	Co-immobilization and stabilization of xylanase, β -xylosidase and α -l-arabinofuranosidase from <i>Penicillium janczewskii</i> for arabinoxylan hydrolysis. <i>Process Biochemistry</i> , 2016, 51, 614-623.	1.8	17
14	Critical Role of Different Immobilized Biocatalysts of a Given Lipase in the Selective Ethanolysis of Sardine Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 117-122.	2.4	17
15	Immobilization of <i>Moniliella spathulata</i> R25L270 Lipase on Ionic, Hydrophobic and Covalent Supports: Functional Properties and Hydrolysis of Sardine Oil. <i>Molecules</i> , 2017, 22, 1508.	1.7	16
16	Synthesis of omega-3 ethyl esters from chia oil catalyzed by polyethylene glycol-modified lipases with improved stability. <i>Food Chemistry</i> , 2019, 271, 433-439.	4.2	16
17	Dramatic hyperactivation of lipase of <i>Thermomyces lanuginosa</i> by a cationic surfactant: Fixation of the hyperactivated form by adsorption on sulfopropyl-sepharose. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 122, 199-203.	1.8	14
18	Immobilization and stabilization of commercial β -1,4-endoxylanase Depolâ,ç 333MDP by multipoint covalent attachment for xylan hydrolysis: Production of prebiotics (xylo-oligosaccharides). <i>Biocatalysis and Biotransformation</i> , 2018, 36, 141-150.	1.1	14

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19	Aprendizaje basado en simulación con realidad virtual. <i>Education in the Knowledge Society</i> , 0, 21, 15.	2.0	14
20	Enzymatic transesterification in a solvent-free system: synthesis of sn-2 docosahexaenoyl monoacylglycerol. <i>Biocatalysis and Biotransformation</i> , 2018, 36, 265-270.	1.1	9
21	Different Covalent Immobilizations Modulate Lipase Activities of <i>Hypocrea pseudokoningii</i> . <i>Molecules</i> , 2017, 22, 1448.	1.7	6
22	Ethyl esters production catalyzed by immobilized lipases is influenced by n-hexane and ter-amyl alcohol as organic solvents. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2107-2115.	1.7	6