

GlÃ³ria FernÃ¡ndez-Lorente

List of Publications by Year in descending order

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140
papers

10,836
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47006

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#	ARTICLE	IF	CITATIONS
1	Immobilization of Eversa Lipases on Hydrophobic Supports for Ethanolysis of Sunflower Oil Solvent-Free. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 2151-2167.	2.9	9
2	Capture of enzyme aggregates by covalent immobilization on solid supports. Relevant stabilization of enzymes by aggregation. <i>Journal of Biotechnology</i> , 2021, 325, 138-144.	3.8	6
3	Stabilization of Lecitase Ultra® by Immobilization and Fixation of Bimolecular Aggregates. Release of Omega-3 Fatty Acids by Enzymatic Hydrolysis of Krill Oil. <i>Catalysts</i> , 2021, 11, 1067.	3.5	1
4	Strategies for the Immobilization of Eversa® Transform 2.0 Lipase and Application for Phospholipid Synthesis. <i>Catalysts</i> , 2021, 11, 1236.	3.5	3
5	Co-Immobilization and Co-Localization of Oxidases and Catalases: Catalase from <i>Bordetella Pertussis</i> Fused with the Zbasic Domain. <i>Catalysts</i> , 2020, 10, 810.	3.5	7
6	Stabilization of Glycosylated Î²-Glucosidase by Intramolecular Crosslinking Between Oxidized Glycosidic Chains and Lysine Residues. <i>Applied Biochemistry and Biotechnology</i> , 2020, 192, 325-337.	2.9	7
7	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.	3.4	6
8	High stabilization of immobilized <i>Rhizomucor miehei</i> lipase by additional coating with hydrophilic crosslinked polymers: Poly-allylamine/Aldehyde-dextran. <i>Process Biochemistry</i> , 2020, 92, 156-163.	3.7	17
9	Fine Modulation of the Catalytic Properties of <i>Rhizomucor miehei</i> Lipase Driven by Different Immobilization Strategies for the Selective Hydrolysis of Fish Oil. <i>Molecules</i> , 2020, 25, 545.	3.8	15
10	Optimization of the Production of Enzymatic Biodiesel from Residual Babassu Oil (<i>Orbignya sp.</i>) via RSM. <i>Catalysts</i> , 2020, 10, 414.	3.5	79
11	The Science of Enzyme Immobilization. <i>Methods in Molecular Biology</i> , 2020, 2100, 1-26.	0.9	35
12	Stabilization of Multimeric Enzymes via Immobilization and Further Cross-Linking with Aldehyde-Dextran. <i>Methods in Molecular Biology</i> , 2020, 2100, 175-187.	0.9	10
13	Co-Immobilization and Co-Localization of Multi-Enzyme Systems on Porous Materials. <i>Methods in Molecular Biology</i> , 2020, 2100, 297-308.	0.9	8
14	One-Point Covalent Immobilization of Enzymes on Glyoxyl Agarose with Minimal Physico-Chemical Modification: Immobilized Native Enzymes. <i>Methods in Molecular Biology</i> , 2020, 2100, 83-92.	0.9	3
15	Multi-Point Covalent Immobilization of Enzymes on Glyoxyl Agarose with Minimal Physico-Chemical Modification: Stabilization of Industrial Enzymes. <i>Methods in Molecular Biology</i> , 2020, 2100, 93-107.	0.9	11
16	Immobilization of Lipases by Adsorption on Hydrophobic Supports: Modulation of Enzyme Properties in Biotransformations in Anhydrous Media. <i>Methods in Molecular Biology</i> , 2020, 2100, 143-158.	0.9	14
17	A mild intensity of the enzyme-support multi-point attachment promotes the optimal stabilization of mesophilic multimeric enzymes: Amine oxidase from <i>Pisum sativum</i> . <i>Journal of Biotechnology</i> , 2020, 318, 39-44.	3.8	13
18	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.	3.8	35

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19	Thermotolerant lipase from <i>Penicillium</i> sp. section <i>Gracilentia</i> CBMAI 1583: Effect of carbon sources on enzyme production, biochemical properties of crude and purified enzyme and substrate specificity. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 15-24.	3.1	19
20	Production of FAME and FAEE via Alcoholysis of Sunflower Oil by Eversa Lipases Immobilized on Hydrophobic Supports. <i>Applied Biochemistry and Biotechnology</i> , 2018, 185, 705-716.	2.9	41
21	Co-immobilization of lipases and β -D-galactosidase onto magnetic nanoparticle supports: Biochemical characterization. <i>Molecular Catalysis</i> , 2018, 453, 12-21.	2.0	25
22	Sequential hydrolysis of commercial casein hydrolysate by immobilized trypsin and thermolysin to produce bioactive phosphopeptides. <i>Biocatalysis and Biotransformation</i> , 2018, 36, 159-171.	2.0	15
23	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.	2.0	14
24	Enzymatic transesterification in a solvent-free system: synthesis of sn-2 docosahexaenoyl monoacylglycerol. <i>Biocatalysis and Biotransformation</i> , 2018, 36, 265-270.	2.0	9
25	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.	3.6	25
26	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.	4.1	32
27	Co-localization of oxidase and catalase inside a porous support to improve the elimination of hydrogen peroxide: Oxidation of biogenic amines by amino oxidase from <i>Pisum sativum</i> . <i>Enzyme and Microbial Technology</i> , 2018, 115, 73-80.	3.2	26
28	Influence of different immobilization techniques to improve the enantioselectivity of lipase from <i>Geotrichum candidum</i> applied on the resolution of mandelic acid. <i>Molecular Catalysis</i> , 2018, 458, 89-96.	2.0	10
29	Immobilization Effects on the Catalytic Properties of Two <i>Fusarium Verticillioides</i> Lipases: Stability, Hydrolysis, Transesterification and Enantioselectivity Improvement. <i>Catalysts</i> , 2018, 8, 84.	3.5	19
30	Production of omega-3 polyunsaturated fatty acids through hydrolysis of fish oil by <i>Candida rugosa</i> lipase immobilized and stabilized on different supports. <i>Biocatalysis and Biotransformation</i> , 2017, 35, 63-73.	2.0	14
31	Solid-phase amination of <i>Geotrichum candidum</i> lipase: ionic immobilization, stabilization and fish oil hydrolysis for the production of Omega-3 polyunsaturated fatty acids. <i>European Food Research and Technology</i> , 2017, 243, 1375-1384.	3.3	12
32	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.	5.2	17
33	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.	3.8	22
34	Different Covalent Immobilizations Modulate Lipase Activities of <i>Hypocrea pseudokoningii</i> . <i>Molecules</i> , 2017, 22, 1448.	3.8	6
35	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.	3.3	41
36	β -xylosidase from <i>Selenomonas ruminantium</i> : Immobilization, stabilization, and application for xylooligosaccharide hydrolysis. <i>Biocatalysis and Biotransformation</i> , 2016, 34, 161-171.	2.0	10

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37	Synthesis of sn-2 docosahexaenoyl monoacylglycerol by mild enzymatic transesterification of docosahexaenoic acid ethyl ester and glycerol in a solvent-free system. <i>Cogent Food and Agriculture</i> , 2016, 2, .	1.4	2
38	<i>Beauveria bassiana</i> Lipase A expressed in <i>Komagataella (Pichia) pastoris</i> with potential for biodiesel catalysis. <i>Frontiers in Microbiology</i> , 2015, 6, 1083.	3.5	17
39	Immobilized lipase from <i>Hypocrea pseudokoningii</i> on hydrophobic and ionic supports: Determination of thermal and organic solvent stabilities for applications in the oleochemical industry. <i>Process Biochemistry</i> , 2015, 50, 561-570.	3.7	23
40	Enzymatic synthesis of triacylglycerols of docosahexaenoic acid: Transesterification of its ethyl esters with glycerol. <i>Food Chemistry</i> , 2015, 187, 225-229.	8.2	31
41	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
42	Stabilization of the lipase of <i>Hypocrea pseudokoningii</i> by multipoint covalent immobilization after chemical modification and application of the biocatalyst in oil hydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 121, 82-89.	1.8	23
43	Modulation of the activity and selectivity of the immobilized lipases by surfactants and solvents. <i>Biochemical Engineering Journal</i> , 2015, 93, 274-280.	3.6	43
44	Immobilization of Proteins on Glyoxyl Activated Supports: Dramatic Stabilization of Enzymes by Multipoint Covalent Attachment on Pre-Existing Supports. <i>Current Organic Chemistry</i> , 2015, 19, 1-1.	1.6	28
45	Selective Ethanolysis of Fish Oil Catalyzed by Immobilized Lipases. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2014, 91, 63-69.	1.9	34
46	Stabilization of Enzymes by Multipoint Covalent Immobilization on Supports Activated with Glyoxyl Groups. <i>Methods in Molecular Biology</i> , 2013, 1051, 59-71.	0.9	36
47	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.	3.2	31
48	Immobilization and stabilization of a bimolecular aggregate of the lipase from <i>Pseudomonas fluorescens</i> by multipoint covalent attachment. <i>Process Biochemistry</i> , 2013, 48, 118-123.	3.7	29
49	Production of xylo-oligosaccharides by immobilized-stabilized derivatives of endo-xylanase from <i>Streptomyces halstedii</i> . <i>Process Biochemistry</i> , 2013, 48, 478-483.	3.7	29
50	Immobilisation and stabilisation of β -galactosidase from <i>Kluyveromyces lactis</i> using a glyoxyl support. <i>International Dairy Journal</i> , 2013, 28, 76-82.	3.0	16
51	Changes on enantioselectivity of a genetically modified thermophilic lipase by site-directed oriented immobilization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 87, 121-127.	1.8	22
52	Oriented Covalent Immobilization of Enzymes on Heterofunctional-Glyoxyl Supports. <i>Methods in Molecular Biology</i> , 2013, 1051, 73-88.	0.9	10
53	Influence of different immobilization techniques for <i>Candida cylindracea</i> lipase on its stability and fish oil hydrolysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 78, 111-118.	1.8	56
54	Modulation of the Selectivity of Immobilized Lipases by Chemical and Physical Modifications: Release of Omega-3 Fatty Acids from Fish Oil. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 97-102.	1.9	32

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55	A Novel Halophilic Lipase, LipBL, Showing High Efficiency in the Production of Eicosapentaenoic Acid (EPA). PLoS ONE, 2011, 6, e23325.	2.5	75
56	Medium engineering on modified <i>Geobacillus thermocatenulatus</i> lipase to prepare highly active catalysts. Journal of Molecular Catalysis B: Enzymatic, 2011, 70, 144-148.	1.8	19
57	Kinetically controlled synthesis of monoglycerol esters from chiral and prochiral acids methyl esters catalyzed by immobilized <i>Rhizomucor miehei</i> lipase. Bioresource Technology, 2011, 102, 507-512.	9.6	23
58	Cross-linking of Lipases Adsorbed on Hydrophobic Supports: Highly Selective Hydrolysis of Fish Oil Catalyzed by RML. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 801-807.	1.9	46
59	Hydrolysis of Fish Oil by Lipases Immobilized Inside Porous Supports. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 819-826.	1.9	30
60	Release of Omega-3 Fatty Acids by the Hydrolysis of Fish Oil Catalyzed by Lipases Immobilized on Hydrophobic Supports. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 1173-1178.	1.9	39
61	Protein hydrolysis by immobilized and stabilized trypsin. Biotechnology Progress, 2011, 27, 677-683.	2.6	18
62	Hydrolysis of fish oil by hyperactivated <i>rhizomucor miehei</i> lipase immobilized by multipoint anion exchange. Biotechnology Progress, 2011, 27, 961-968.	2.6	21
63	Reactivation of a thermostable lipase by solid phase unfolding/refolding. Enzyme and Microbial Technology, 2011, 49, 388-394.	3.2	14
64	Synthesis of propyl gallate by transesterification of tannic acid in aqueous media catalysed by immobilised derivatives of tannase from <i>Lactobacillus plantarum</i> . Food Chemistry, 2011, 128, 214-217.	8.2	26
65	Immobilization-stabilization of glucoamylase: Chemical modification of the enzyme surface followed by covalent attachment on highly activated glyoxyl-agarose supports. Process Biochemistry, 2011, 46, 409-412.	3.7	35
66	Enhanced activity of an immobilized lipase promoted by site-directed chemical modification with polymers. Process Biochemistry, 2010, 45, 534-541.	3.7	41
67	Improvement of Enzyme Properties with a Two-Step Immobilization Process on Novel Heterofunctional Supports. Biomacromolecules, 2010, 11, 3112-3117.	5.4	93
68	Hydrolysis of Tannic Acid Catalyzed by Immobilized-Stabilized Derivatives of Tannase from <i>Lactobacillus plantarum</i> . Journal of Agricultural and Food Chemistry, 2010, 58, 6403-6409.	5.2	33
69	Activation of Bacterial Thermoalkalophilic Lipases Is Spurred by Dramatic Structural Rearrangements. Journal of Biological Chemistry, 2009, 284, 4365-4372.	3.4	196
70	Separation and Immobilization of Lipase from <i>Penicillium simplicissimum</i> by Selective Adsorption on Hydrophobic Supports. Applied Biochemistry and Biotechnology, 2009, 156, 133-145.	2.9	26
71	Novozym 435 displays very different selectivity compared to lipase from <i>Candida antarctica</i> B adsorbed on other hydrophobic supports. Journal of Molecular Catalysis B: Enzymatic, 2009, 57, 171-176.	1.8	159
72	Enhancement of Novozym-435 catalytic properties by physical or chemical modification. Process Biochemistry, 2009, 44, 226-231.	3.7	51

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73	Interfacially activated lipases against hydrophobic supports: Effect of the support nature on the biocatalytic properties. <i>Process Biochemistry</i> , 2008, 43, 1061-1067.	3.7	191
74	Immobilization of <i>Yarrowia lipolytica</i> Lipase – A Comparison of Stability of Physical Adsorption and Covalent Attachment Techniques. <i>Applied Biochemistry and Biotechnology</i> , 2008, 146, 49-56.	2.9	41
75	Crystallization and preliminary X-ray diffraction studies of the BTL2 lipase from the extremophilic microorganism <i>Bacillus thermocatenuatus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 1043-1045.	0.7	7
76	Asymmetric hydrolysis of dimethyl 3-phenylglutarate catalyzed by Lecitase Ultra®. <i>Enzyme and Microbial Technology</i> , 2008, 43, 531-536.	3.2	18
77	Thermodynamically Controlled Synthesis of Amide Bonds Catalyzed by Highly Organic Solvent-Resistant Penicillin Acylase Derivatives. <i>Biotechnology Progress</i> , 2008, 20, 117-121.	2.6	11
78	Purification, Immobilization, and Stabilization of a Lipase from <i>Bacillus thermocatenuatus</i> by Interfacial Adsorption on Hydrophobic Supports. <i>Biotechnology Progress</i> , 2008, 20, 630-635.	2.6	68
79	A chemo-biocatalytic approach in the synthesis of $\hat{1}^2$ -O-naphthylmethyl-N-peracetylated lactosamine. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 52-53, 106-112.	1.8	16
80	Lecitase® ultra as regioselective biocatalyst in the hydrolysis of fully protected carbohydrates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2008, 51, 110-117.	1.8	43
81	Solid-Phase Chemical Amination of a Lipase from <i>Bacillus thermocatenuatus</i> To Improve Its Stabilization via Covalent Immobilization on Highly Activated Glyoxyl-Agarose. <i>Biomacromolecules</i> , 2008, 9, 2553-2561.	5.4	98
82	Improved catalytic properties of immobilized lipases by the presence of very low concentrations of detergents in the reaction medium. <i>Biotechnology and Bioengineering</i> , 2007, 97, 242-250.	3.3	81
83	Modulation of Immobilized Lipase Enantioselectivity via Chemical Amination. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1119-1127.	4.3	66
84	Glutaraldehyde modification of lipases adsorbed on aminated supports: A simple way to improve their behaviour as enantioselective biocatalyst. <i>Enzyme and Microbial Technology</i> , 2007, 40, 704-707.	3.2	55
85	Partial and enantioselective hydrolysis of diethyl phenylmalonate by immobilized preparations of lipase from <i>Thermomyces lanuginose</i> . <i>Enzyme and Microbial Technology</i> , 2007, 40, 1280-1285.	3.2	30
86	Improvement of enzyme activity, stability and selectivity via immobilization techniques. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1451-1463.	3.2	2,864
87	Asymmetric hydrolysis of dimethyl phenylmalonate by immobilized penicillin G acylase from <i>E. coli</i> . <i>Enzyme and Microbial Technology</i> , 2007, 40, 997-1000.	3.2	9
88	Specificity enhancement towards hydrophobic substrates by immobilization of lipases by interfacial activation on hydrophobic supports. <i>Enzyme and Microbial Technology</i> , 2007, 41, 565-569.	3.2	109
89	Effect of the immobilization protocol in the activity, stability, and enantioselectivity of Lecitase® Ultra. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007, 47, 99-104.	1.8	42
90	Immobilization of <i>Yarrowia lipolytica</i> Lipase – A Comparison of Stability of Physical Adsorption and Covalent Attachment Techniques. , 2007, , 169-176.		3

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91	Purification, Immobilization, Hyperactivation, and Stabilization of Lipases by Selective Adsorption on Hydrophobic Supports. <i>Methods in Biotechnology</i> , 2006, , 143-152.	0.2	7
92	Stabilization of Multimeric Enzymes Via Immobilization and Further Cross-Linking With Aldehyde-Dextran. <i>Methods in Biotechnology</i> , 2006, , 129-141.	0.2	5
93	Glutaraldehyde Cross-Linking of Lipases Adsorbed on Aminated Supports in the Presence of Detergents Leads to Improved Performance. <i>Biomacromolecules</i> , 2006, 7, 2610-2615.	5.4	121
94	Glyoxyl agarose: A fully inert and hydrophilic support for immobilization and high stabilization of proteins. <i>Enzyme and Microbial Technology</i> , 2006, 39, 274-280.	3.2	347
95	CLEAs of lipases and poly-ionic polymers: A simple way of preparing stable biocatalysts with improved properties. <i>Enzyme and Microbial Technology</i> , 2006, 39, 750-755.	3.2	114
96	Purification and identification of different lipases contained in PPL commercial extracts: A minor contaminant is the main responsible of most esterase activity. <i>Enzyme and Microbial Technology</i> , 2006, 39, 817-823.	3.2	36
97	Improvement of the functional properties of a thermostable lipase from <i>Alcaligenes</i> sp. via strong adsorption on hydrophobic supports. <i>Enzyme and Microbial Technology</i> , 2006, 38, 975-980.	3.2	75
98	Effect of lipase-lipase interactions in the activity, stability and specificity of a lipase from <i>Alcaligenes</i> sp.. <i>Enzyme and Microbial Technology</i> , 2006, 39, 259-264.	3.2	64
99	Immobilization and Stabilization of Proteins by Multipoint Covalent Attachment on Novel Amino-Epoxy-Sepabeads®. <i>Methods in Biotechnology</i> , 2006, , 153-162.	0.2	1
100	Preparation of an Industrial Biocatalyst of Penicillin G Acylase on Sepabeads. , 2005, , 273-288.		0
101	Lipase-lipase interactions as a new tool to immobilize and modulate the lipase properties. <i>Enzyme and Microbial Technology</i> , 2005, 36, 447-454.	3.2	110
102	Some special features of glyoxyl supports to immobilize proteins. <i>Enzyme and Microbial Technology</i> , 2005, 37, 456-462.	3.2	257
103	Preparation of a robust biocatalyst of d-amino acid oxidase on sepabeads supports using the glutaraldehyde crosslinking method. <i>Enzyme and Microbial Technology</i> , 2005, 37, 750-756.	3.2	69
104	Purification of different lipases from <i>Aspergillus niger</i> by using a highly selective adsorption on hydrophobic supports. <i>Biotechnology and Bioengineering</i> , 2005, 92, 773-779.	3.3	48
105	Conformational Engineering of Lipases via Directed Immobilisation: Improving the Resolution of Chiral Drugs. <i>Medicinal Chemistry Reviews Online</i> , 2005, 2, 369-378.	0.1	0
106	Enantioselective Synthesis of Phenylacetamides in the Presence of High Organic Cosolvent Concentrations Catalyzed by Stabilized Penicillin G Acylase. Effect of the Acyl Donor. <i>Biotechnology Progress</i> , 2004, 20, 984-988.	2.6	12
107	Use of immobilized lipases for lipase purification via specific lipase-lipase interactions. <i>Journal of Chromatography A</i> , 2004, 1038, 267-273.	3.7	121
108	Enzymatic resolution of (±)-glycidyl butyrate in aqueous media. Strong modulation of the properties of the lipase from <i>Rhizopus oryzae</i> via immobilization techniques. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1157-1161.	1.8	43

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109	Resolution of paroxetine precursor using different lipases. <i>Enzyme and Microbial Technology</i> , 2004, 34, 264-269.	3.2	14
110	Cross-Linked Aggregates of Multimeric Enzymes: A Simple and Efficient Methodology To Stabilize Their Quaternary Structure. <i>Biomacromolecules</i> , 2004, 5, 814-817.	5.4	95
111	Epoxy-Amino Groups: A New Tool for Improved Immobilization of Proteins by the Epoxy Method. <i>Biomacromolecules</i> , 2003, 4, 772-777.	5.4	234
112	Modulation of <i>Mucor miehei</i> lipase properties via directed immobilization on different hetero-functional epoxy resins. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 21, 201-210.	1.8	88
113	Self-assembly of <i>Pseudomonas fluorescens</i> lipase into bimolecular aggregates dramatically affects functional properties. <i>Biotechnology and Bioengineering</i> , 2003, 82, 232-237.	3.3	119
114	Evaluation of the lipase from <i>Bacillus thermocatenulatus</i> as an enantioselective biocatalyst. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3679-3687.	1.8	38
115	Regio-selective deprotection of peracetylated sugars via lipase hydrolysis. <i>Tetrahedron</i> , 2003, 59, 5705-5711.	1.9	61
116	Resolution of (±)-5-substituted-6-(5-chloropyridin-2-yl)-7-oxo-5,6-dihydropyrrolo[3,4b]pyrazine derivatives-precursors of (S)-(+)-Zopiclone, catalyzed by immobilized <i>Candida antarctica</i> B lipase in aqueous media. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 429-438.	1.8	30
117	Use of Physicochemical Tools to Determine the Choice of Optimal Enzyme: Stabilization of -Amino Acid Oxidase. <i>Biotechnology Progress</i> , 2003, 19, 784-788.	2.6	63
118	A Novel Heterofunctional Epoxy-Amino Sepabeads for a New Enzyme Immobilization Protocol: Immobilization-Stabilization of β -Galactosidase from <i>Aspergillus oryzae</i> . <i>Biotechnology Progress</i> , 2003, 19, 1056-1060.	2.6	77
119	Preparation of a Stable Biocatalyst of Bovine Liver Catalase Using Immobilization and Postimmobilization Techniques. <i>Biotechnology Progress</i> , 2003, 19, 763-767.	2.6	87
120	Improving the Industrial Production of 6-APA: Enzymatic Hydrolysis of Penicillin G in the Presence of Organic Solvents. <i>Biotechnology Progress</i> , 2003, 19, 1639-1642.	2.6	36
121	General Trend of Lipase to Self-Assemble Giving Bimolecular Aggregates Greatly Modifies the Enzyme Functionality. <i>Biomacromolecules</i> , 2003, 4, 1-6.	5.4	212
122	Solid-Phase Handling of Hydrophobins: Immobilized Hydrophobins as a New Tool To Study Lipases. <i>Biomacromolecules</i> , 2003, 4, 204-210.	5.4	96
123	Interfacial adsorption of lipases on very hydrophobic support (octadecyl-Sepabeads): immobilization, hyperactivation and stabilization of the open form of lipases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002, 19-20, 279-286.	1.8	384
124	Modulation of the enantioselectivity of <i>Candida antarctica</i> B lipase via conformational engineering. Kinetic resolution of (±)-1-hydroxy-phenylacetic acid derivatives. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 1337-1345.	1.8	124
125	Enzymatic resolution of (±)-trans-4-(4-fluorophenyl)-6-oxo-piperidin-3-ethyl carboxylate, an intermediate in the synthesis of (±)-Paroxetine. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2375-2381.	1.8	41
126	Enzymatic production of (3S,4R)-4-(4-fluorophenyl)-6-oxo-piperidin-3-carboxylic acid using a commercial preparation from <i>Candida antarctica</i> A: the role of a contaminant esterase. <i>Tetrahedron: Asymmetry</i> , 2002, 13, 2653-2659.	1.8	42

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127	Modulation of the enantioselectivity of lipases via controlled immobilization and medium engineering: hydrolytic resolution of mandelic acid esters. <i>Enzyme and Microbial Technology</i> , 2002, 31, 775-783.	3.2	160
128	Epoxy Sepabeads: A Novel Epoxy Support for Stabilization of Industrial Enzymes via Very Intense Multipoint Covalent Attachment. <i>Biotechnology Progress</i> , 2002, 18, 629-634.	2.6	259
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