Gloria Fernandez-lorente

List of Publications by Year
in descending order

136	10,792	49802 46	31652 102
papers	citations	h-index	g-index

140	140	140	7340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improvement of enzyme activity, stability and selectivity via immobilization techniques. Enzyme and Microbial Technology, 2007, 40, 1451-1463.	3.3	2,915
2	Immobilization of lipases by selective adsorption on hydrophobic supports. Chemistry and Physics of Lipids, 1998, 93, 185-197.	3.4	453
3	Interfacial adsorption of lipases on very hydrophobic support (octadecylâ€“Sepabeads): immobilization, hyperactivation and stabilization of the open form of lipases. Journal of Molecular Catalysis B: Enzymatic, 2002, 19-20, 279-286.	1.7	391
4	Glyoxyl agarose: A fully inert and hydrophilic support for immobilization and high stabilization of proteins. Enzyme and Microbial Technology, 2006, 39, 274-280.	3.3	351
5	Multifunctional Epoxy Supports:Â A New Tool To Improve the Covalent Immobilization of Proteins. The Promotion of Physical Adsorptions of Proteins on the Supports before Their Covalent Linkage. Biomacromolecules, 2000, 1, 739-745.	5.6	285
6	Some special features of glyoxyl supports to immobilize proteins. Enzyme and Microbial Technology, 2005, 37, 456-462.	3.3	261
7	Epoxy Sepabeads: A Novel Epoxy Support for Stabilization of Industrial Enzymes via Very Intense Multipoint Covalent Attachment. Biotechnology Progress, 2002, 18, 629-634.	2.6	260
8	Epoxy-Amino Groups:Â A New Tool for Improved Immobilization of Proteins by the Epoxy Method. Biomacromolecules, 2003, 4, 772-777.	5.6	235
9	General Trend of Lipase to Self-Assemble Giving Bimolecular Aggregates Greatly Modifies the Enzyme Functionality. Biomacromolecules, 2003, 4, 1-6.	5.6	218
10	Activation of Bacterial Thermoalkalophilic Lipases Is Spurred by Dramatic Structural Rearrangements. Journal of Biological Chemistry, 2009, 284, 4365-4372.	3.5	200
11	Interfacially activated lipases against hydrophobic supports: Effect of the support nature on the biocatalytic properties. Process Biochemistry, 2008, 43, 1061-1067.	3.8	196
12	Modulation of the enantioselectivity of lipases via controlled immobilization and medium engineering: hydrolytic resolution of mandelic acid esters. Enzyme and Microbial Technology, 2002, 31, 775-783.	3.3	162
13	Novozym 435 displays very different selectivity compared to lipase from Candida antarctica B adsorbed on other hydrophobic supports. Journal of Molecular Catalysis B: Enzymatic, 2009, 57, 171-176.	1.7	161
14	Use of immobilized lipases for lipase purification via specific lipaseâ€“lipase interactions. Journal of Chromatography A, 2004, 1038, 267-273.	3.8	126
15	Modulation of the enantioselectivity of Candida antarctica B lipase via conformational engineering. Kinetic resolution of (Â±)-Î±-hydroxy-phenylacetic acid derivatives. Tetrahedron: Asymmetry, 2002, 13, 1337-1345.	1.7	124
16	Glutaraldehyde Cross-Linking of Lipases Adsorbed on Aminated Supports in the Presence of Detergents Leads to Improved Performance. Biomacromolecules, 2006, 7, 2610-2615.	5.6	124
17	Self-assembly ofPseudomonas fluorescenslipase into bimolecular aggregates dramatically affects functional properties. Biotechnology and Bioengineering, 2003, 82, 232-237.	3.5	122
18	Lipaseâ€“lipase interactions as a new tool to immobilize and modulate the lipase properties. Enzyme and Microbial Technology, 2005, 36, 447-454.	3.3	114

#	Article	IF	Citations
19	CLEAs of lipases and poly-ionic polymers: A simple way of preparing stable biocatalysts with improved properties. Enzyme and Microbial Technology, 2006, 39, 750-755.	3.3	114
20	Specificity enhancement towards hydrophobic substrates by immobilization of lipases by interfacial activation on hydrophobic supports. Enzyme and Microbial Technology, 2007, 41, 565-569.	3.3	109
21	One-step purification, covalent immobilization, and additional stabilization of poly-His-tagged proteins using novel heterofunctional chelate-epoxy supports. Biotechnology and Bioengineering, 2001, 76, 269-276.	3.5	106
22	Solid-Phase Handling of Hydrophobins:Â Immobilized Hydrophobins as a New Tool To Study Lipases. Biomacromolecules, 2003, 4, 204-210.	5.6	99
23	Cross-Linked Aggregates of Multimeric Enzymes:Â A Simple and Efficient Methodology To Stabilize Their Quaternary Structure. Biomacromolecules, 2004, 5, 814-817.	5.6	98
24	Solid-Phase Chemical Amination of a Lipase from Bacillus thermocatenulatus To Improve Its Stabilization via Covalent Immobilization on Highly Activated Glyoxyl-Agarose. Biomacromolecules, 2008, 9, 2553-2561.	5.6	98
25	Improvement of Enzyme Properties with a Two-Step Immobilizaton Process on Novel Heterofunctional Supports. Biomacromolecules, 2010, 11, 3112-3117.	5.6	98
26	Modulation of lipase properties in macro-aqueous systems by controlled enzyme immobilization: enantioselective hydrolysis of a chiral ester by immobilized Pseudomonas lipase. Enzyme and Microbial Technology, 2001, 28, 389-396.	3.3	95
27	Modulation of Mucor miehei lipase properties via directed immobilization on different hetero-functional epoxy resins. Journal of Molecular Catalysis B: Enzymatic, 2003, 21, 201-210.	1.7	88
28	Preparation of a Stable Biocatalyst of Bovine Liver Catalase Using Immobilization and Postimmobilization Techniques. Biotechnology Progress, 2003, 19, 763-767.	2.6	88
29	Improved catalytic properties of immobilized lipases by the presence of very low concentrations of detergents in the reaction medium. Biotechnology and Bioengineering, 2007, 97, 242-250.	3.5	82
30	Optimization of the Production of Enzymatic Biodiesel from Residual Babassu Oil (Orbignya sp.) via RSM. Catalysts, 2020, 10, 414.	3.6	82
31	A Novel Heterofunctional Epoxy-Amino Sepabeads for a New Enzyme Immobilization Protocol: Immobilization-Stabilization of Î²-Galactosidase from Aspergillus oryzae. Biotechnology Progress, 2003, 19, 1056-1060.	2.6	78
32	A Novel Halophilic Lipase, LipBL, Showing High Efficiency in the Production of Eicosapentaenoic Acid (EPA). PLoS ONE, 2011, 6, e23325.	2.5	78
33	Biotransformations Catalyzed by Multimeric Enzymes:Â Stabilization of Tetrameric Ampicillin Acylase Permits the Optimization of Ampicillin Synthesis under Dissociation Conditions. Biomacromolecules, 2001, 2, 95-104.	5.6	77
34	Affinity chromatography of polyhistidine tagged enzymes. Journal of Chromatography A, 2001, 915, 97-106.	3.8	77
35	Improvement of the functional properties of a thermostable lipase from alcaligenes sp. via strong adsorption on hydrophobic supports. Enzyme and Microbial Technology, 2006, 38, 975-980.	3.3	75
36	Preparation of a robust biocatalyst of d-amino acid oxidase on sepabeads supports using the glutaraldehyde crosslinking method. Enzyme and Microbial Technology, 2005, 37, 750-756.	3.3	69

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37	Modulation of Immobilized Lipase Enantioselectivityvia Chemical Amination. Advanced Synthesis and Catalysis, 2007, 349, 1119-1127.	4.5	67
38	Effect of lipaseâ€“lipase interactions in the activity, stability and specificity of a lipase from Alcaligenes sp.. Enzyme and Microbial Technology, 2006, 39, 259-264.	3.3	65
39	Use of Physicochemical Tools to Determine the Choice of Optimal Enzyme: Stabilization of -Amino Acid Oxidase. Biotechnology Progress, 2003, 19, 784-788.	2.6	63
40	Regio-selective deprotection of peracetylated sugars via lipase hydrolysis. Tetrahedron, 2003, 59, 5705-5711.	2.0	61
41	Stabilization of enzymes (d-amino acid oxidase) against hydrogen peroxide via immobilization and post-immobilization techniques. Journal of Molecular Catalysis B: Enzymatic, 1999, 7, 173-179.	1.7	58
42	Influence of different immobilization techniques for Candida cylindracea lipase on its stability and fish oil hydrolysis. Journal of Molecular Catalysis B: Enzymatic, 2012, 78, 111-118.	1.7	56
43	Glutaraldehyde modification of lipases adsorbed on aminated supports: A simple way to improve their behaviour as enantioselective biocatalyst. Enzyme and Microbial Technology, 2007, 40, 704-707.	3.3	55
44	Enhancement of Novozym-435 catalytic properties by physical or chemical modification. Process Biochemistry, 2009, 44, 226-231.	3.8	52
45	Purification of different lipases fromAspergillus niger by using a highly selective adsorption on hydrophobic supports. Biotechnology and Bioengineering, 2005, 92, 773-779.	3.5	49
46	Crossâ€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	48
47	LecitaseÂ® ultra as regioselective biocatalyst in the hydrolysis of fully protected carbohydrates. Journal of Molecular Catalysis B: Enzymatic, 2008, 51, 110-117.	1.7	44
48	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.	3.4	44
49	Enzymatic resolution of (Â±)-glycidyl butyrate in aqueous media. Strong modulation of the properties of the lipase from Rhizopus oryzae via immobilization techniques. Tetrahedron: Asymmetry, 2004, 15, 1157-1161.	1.7	43
50	Effect of the immobilization protocol in the activity, stability, and enantioslectivity of LecitaseÂ® Ultra. Journal of Molecular Catalysis B: Enzymatic, 2007, 47, 99-104.	1.7	43
51	Immobilization of Yarrowia lipolytica Lipaseâ€”a Comparison of Stability of Physical Adsorption and Covalent Attachment Techniques. Applied Biochemistry and Biotechnology, 2008, 146, 49-56.	3.0	43
52	Enzymatic production of (3S,4R)-(â^)-4-(4â€²-fluorophenyl)-6-oxo-piperidin-3-carboxylic acid using a commercial preparation from Candida antarctica A: the role of a contaminant esterase. Tetrahedron: Asymmetry, 2002, 13, 2653-2659.	1.7	42
53	Production of FAME and FAEE via Alcoholysis of Sunflower Oil by Eversa Lipases Immobilized on Hydrophobic Supports. Applied Biochemistry and Biotechnology, 2018, 185, 705-716.	3.0	42
54	â€˜Interfacial affinity chromatographyâ€™ of lipases: separation of different fractions by selective adsorption on supports activated with hydrophobic groups. BBA - Proteins and Proteomics, 1998, 1388, 337-348.	2.0	41

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55	Enzymatic resolution of (Â±)-trans-4-(4â€²-fluorophenyl)-6-oxo-piperidin-3-ethyl carboxylate, an intermediate in the synthesis of (â^')-Paroxetine. Tetrahedron: Asymmetry, 2002, 13, 2375-2381.	1.7	41
56	Enhanced activity of an immobilized lipase promoted by site-directed chemical modification with polymers. Process Biochemistry, 2010, 45, 534-541.	3.8	41
57	Release of Omegaâ€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	41
58	The Science of Enzyme Immobilization. Methods in Molecular Biology, 2020, 2100, 1-26.	0.0	41
59	Evaluation of the lipase from Bacillus thermocatenulatus as an enantioselective biocatalyst. Tetrahedron: Asymmetry, 2003, 14, 3679-3687.	1.7	38
60	Stabilization of Enzymes by Multipoint Covalent Immobilization on Supports Activated with Glyoxyl Groups. Methods in Molecular Biology, 2013, 1051, 59-71.	0.0	38
61	Improving the Industrial Production of 6-APA: Enzymatic Hydrolysis of Penicillin G in the Presence of Organic Solvents. Biotechnology Progress, 2003, 19, 1639-1642.	2.6	37
62	Regioselective enzymatic hydrolysis of acetylated pyranoses and pyranosides using immobilised lipases. An easy chemoenzymatic synthesis of Î±- and Î²-d-glucopyranose acetates bearing a free secondary C-4 hydroxyl group. Carbohydrate Research, 2002, 337, 1615-1621.	2.4	36
63	Purification and identification of different lipases contained in PPL commercial extracts: A minor contaminant is the main responsible of most esterasic activity. Enzyme and Microbial Technology, 2006, 39, 817-823.	3.3	36
64	Selective Ethanolysis of Fish Oil Catalyzed by Immobilized Lipases. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 63-69.	1.9	36
65	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.	4.2	36
66	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.	3.9	36
67	Immobilizationâ€“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.	3.8	35
68	Hydrolysis of Tannic Acid Catalyzed by Immobilizedâ^'Stabilized Derivatives of Tannase from Lactobacillus plantarum. Journal of Agricultural and Food Chemistry, 2010, 58, 6403-6409.	5.3	34
69	Hydrolysis of Fish Oil by Lipases Immobilized Inside Porous Supports. JAOCS, Journal of the American Oil Chemists' Society, 2011, 88, 819-826.	1.9	33
70	Modulation of the Selectivity of Immobilized Lipases by Chemical and Physical Modifications: Release of Omegaâ€3 Fatty Acids from Fish Oil. JAOCS, Journal of the American Oil Chemists' Society, 2012, 89, 97-102.	1.9	33
71	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.	3.4	33
72	Resolution of (Â±)-5-substituted-6-(5-chloropyridin-2-yl)-7-oxo-5,6-dihydropyrrolo[3,4b]pyrazine derivatives-precursors of (S)-(+)-Zopiclone, catalyzed by immobilized Candida antarctica B lipase in aqueous media. Tetrahedron: Asymmetry, 2003, 14, 429-438.	1.7	31

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73	Partial and enantioselective hydrolysis of diethyl phenylmalonate by immobilized preparations of lipase from Thermomyces lanuginose. Enzyme and Microbial Technology, 2007, 40, 1280-1285.	3.3	30
74	Immobilization and stabilization of a bimolecular aggregate of the lipase from Pseudomonas fluorescens by multipoint covalent attachment. Process Biochemistry, 2013, 48, 118-123.	3.8	29
75	Production of xylo-oligosaccharides by immobilized-stabilized derivatives of endo-xylanase from Streptomyces halstedii. Process Biochemistry, 2013, 48, 478-483.	3.8	29
76	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.	3.7	27
77	Separation and Immobilization of Lipase from Penicillium simplicissimum by Selective Adsorption on Hydrophobic Supports. Applied Biochemistry and Biotechnology, 2009, 156, 133-145.	3.0	26
78	Synthesis of propyl gallate by transesterification of tannic acid in aqueous media catalysed by immobilised derivatives of tannase from Lactobacillus plantarum. Food Chemistry, 2011, 128, 214-217.	8.4	26
79	Immobilized lipase from Hypocrea pseudokoningii on hydrophobic and ionic supports: Determination of thermal and organic solvent stabilities for applications in the oleochemical industry. Process Biochemistry, 2015, 50, 561-570.	3.8	26
80	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 Pisum sativum. Enzyme and Microbial Technology, 2018, 115, 73-80.	3.3	26
81	Co-immobilization of lipases and Î²- d -galactosidase onto magnetic nanoparticle supports: Biochemical characterization. Molecular Catalysis, 2018, 453, 12-21.	2.1	25
82	Kinetically controlled synthesis of monoglyceryl esters from chiral and prochiral acids methyl esters catalyzed by immobilized Rhizomucor miehei lipase. Bioresource Technology, 2011, 102, 507-512.	9.7	24
83	Immobilization of Lipase from Penicillium sp. Section Gracilenta (CBMAI 1583) on Different Hydrophobic Supports: Modulation of Functional Properties. Molecules, 2017, 22, 339.	3.9	24
84	Regioselective hydrolysis of peracetylated Î±-D-glucopyranose catalyzed by immobilized lipases in aqueous medium. A facile preparation of useful intermediates for oligosaccharide synthesis. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 633-636.	2.3	22
85	Changes on enantioselectivity of a genetically modified thermophilic lipase by site-directed oriented immobilization. Journal of Molecular Catalysis B: Enzymatic, 2013, 87, 121-127.	1.7	22
86	Hydrolysis of fish oil by hyperactivated rhizomucor miehei lipase immobilized by multipoint anion exchange. Biotechnology Progress, 2011, 27, 961-968.	2.6	21
87	Immobilization Effects on the Catalytic Properties of Two Fusarium Verticillioides Lipases: Stability, Hydrolysis, Transesterification and Enantioselectivity Improvement. Catalysts, 2018, 8, 84.	3.6	20
88	Thermotolerant lipase from Penicillium sp. section Gracilenta CBMAI 1583: Effect of carbon sources on enzyme production, biochemical properties of crude and purified enzyme and substrate specificity. Biocatalysis and Agricultural Biotechnology, 2019, 17, 15-24.	3.3	20
89	Asymmetric hydrolysis of dimethyl 3-phenylglutarate catalyzed by Lecitase UltraÂ®. Enzyme and Microbial Technology, 2008, 43, 531-536.	3.3	19
90	Medium engineering on modified Geobacillus thermocatenulatus lipase to prepare highly active catalysts. Journal of Molecular Catalysis B: Enzymatic, 2011, 70, 144-148.	1.7	19

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91	Protein hydrolysis by immobilized and stabilized trypsin. Biotechnology Progress, 2011, 27, 677-683.	2.6	19
92	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.	5.3	19
93	Immobilization of Lipases by Adsorption on Hydrophobic Supports: Modulation of Enzyme Properties in Biotransformations in Anhydrous Media. Methods in Molecular Biology, 2020, 2100, 143-158.	0.0	18
94	Beauveria bassiana Lipase A expressed in Komagataella (Pichia) pastoris with potential for biodiesel catalysis. Frontiers in Microbiology, 2015, 6, 1083.	3.6	17
95	High stabilization of immobilized Rhizomucor miehei lipase by additional coating with hydrophilic crosslinked polymers: Poly-allylamine/Aldehydeâ€“dextran. Process Biochemistry, 2020, 92, 156-163.	3.8	17
96	A chemo-biocatalytic approach in the synthesis of Î²-O-naphtylmethyl-N-peracetylated lactosamine. Journal of Molecular Catalysis B: Enzymatic, 2008, 52-53, 106-112.	1.7	16
97	Immobilisation and stabilisation of Î²-galactosidase from Kluyveromyces lactis using a glyoxyl support. International Dairy Journal, 2013, 28, 76-82.	3.1	16
98	Sequential hydrolysis of commercial casein hydrolysate by immobilized trypsin and thermolysin to produce bioactive phosphopeptides. Biocatalysis and Biotransformation, 2018, 36, 159-171.	2.1	16
99	Fine Modulation of the Catalytic Properties of Rhizomucor miehei Lipase Driven by Different Immobilization Strategies for the Selective Hydrolysis of Fish Oil. Molecules, 2020, 25, 545.	3.9	16
100	Reactivation of a thermostable lipase by solid phase unfolding/refolding. Enzyme and Microbial Technology, 2011, 49, 388-394.	3.3	15
101	Production of omega-3 polyunsaturated fatty acids through hydrolysis of fish oil by Candida rugosa lipase immobilized and stabilized on different supports. Biocatalysis and Biotransformation, 2017, 35, 63-73.	2.1	15
102	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.	2.1	15
103	Resolution of paroxetine precursor using different lipases. Enzyme and Microbial Technology, 2004, 34, 264-269.	3.3	14
104	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.	1.7	14
105	Solid-phase amination of Geotrichum candidum lipase: ionic immobilization, stabilization and fish oil hydrolysis for the production of Omega-3 polyunsaturated fatty acids. European Food Research and Technology, 2017, 243, 1375-1384.	3.3	14
106	Multi-Point Covalent Immobilization of Enzymes on Glyoxyl Agarose with Minimal Physico-Chemical Modification: Stabilization of Industrial Enzymes. Methods in Molecular Biology, 2020, 2100, 93-107.	0.0	13
107	A mild intensity of the enzyme-support multi-point attachment promotes the optimal stabilization of mesophilic multimeric enzymes: Amine oxidase from Pisum sativum. Journal of Biotechnology, 2020, 318, 39-44.	3.9	13
108	Immobilization of Eversa Lipases on Hydrophobic Supports for Ethanolysis of Sunflower Oil Solvent-Free. Applied Biochemistry and Biotechnology, 2022, 194, 2151-2167.	3.0	13

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109	Enantioselective Synthesis of Phenylacetamides in the Presence of High Organic Cosolvent Concentrations Catalyzed by Stabilized Penicillin G Acylase. Effect of the Acyl Donor. Biotechnology Progress, 2004, 20, 984-988.	2.6	12
110	Stabilization of Multimeric Enzymes via Immobilization and Further Cross-Linking with Aldehyde-Dextran. Methods in Molecular Biology, 2020, 2100, 175-187.	0.0	12
111	Thermodynamically Controlled Synthesis of Amide Bonds Catalyzed by Highly Organic Solvent-Resistant Penicillin Acylase Derivatives. Biotechnology Progress, 2008, 20, 117-121.	2.6	11
112	Î²-xylosidase from Selenomonas ruminantium: Immobilization, stabilization, and application for xylooligosaccharide hydrolysis. Biocatalysis and Biotransformation, 2016, 34, 161-171.	2.1	10
113	Influence of different immobilization techniques to improve the enantioselectivity of lipase from Geotrichum candidum applied on the resolution of mandelic acid. Molecular Catalysis, 2018, 458, 89-96.	2.1	10
114	Oriented Covalent Immobilization of Enzymes on Heterofunctional-Glyoxyl Supports. Methods in Molecular Biology, 2013, 1051, 73-88.	0.0	10
115	Asymmetric hydrolysis of dimethyl phenylmalonate by immobilized penicillin G acylase from E. coli. Enzyme and Microbial Technology, 2007, 40, 997-1000.	3.3	9
116	Enzymatic transesterification in a solvent-free system: synthesis of sn-2 docosahexaenoyl monoacylglycerol. Biocatalysis and Biotransformation, 2018, 36, 265-270.	2.1	9
117	Co-Immobilization and Co-Localization of Multi-Enzyme Systems on Porous Materials. Methods in Molecular Biology, 2020, 2100, 297-308.	0.0	9
118	Purification, Immobilization, Hyperactivation, and Stabilization of Lipases by Selective Adsorption on Hydrophobic Supports. Methods in Biotechnology, 2006, , 143-152.	0.0	8
119	Crystallization and preliminary X-ray diffraction studies of the BTL2 lipase from the extremophilic microorganismBacillus thermocatenulatus. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 1043-1045.	0.7	7
120	Different Covalent Immobilizations Modulate Lipase Activities of Hypocrea pseudokoningii. Molecules, 2017, 22, 1448.	3.9	7
121	Co-Immobilization and Co-Localization of Oxidases and Catalases: Catalase from Bordetella Pertussis Fused with the Zbasic Domain. Catalysts, 2020, 10, 810.	3.6	7
122	Stabilization of Glycosylated Î²-Glucosidase by Intramolecular Crosslinking Between Oxidized Glycosidic Chains and Lysine Residues. Applied Biochemistry and Biotechnology, 2020, 192, 325-337.	3.0	7
123	Capture of enzyme aggregates by covalent immobilization on solid supports. Relevant stabilization of enzymes by aggregation. Journal of Biotechnology, 2021, 325, 138-144.	3.9	7
124	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.	3.5	6
125	Use of Potential Immobilized Enzymes for the Modification of Liquid Foods in the Food Industry. Processes, 2023, 11, 1840.	2.8	6
126	Stabilization of Multimeric Enzymes Via Immobilization and Further Cross-Linking With Aldehyde-Dextran. Methods in Biotechnology, 2006, , 129-141.	0.0	5

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127	One-Point Covalent Immobilization of Enzymes on Glyoxyl Agarose with Minimal Physico-Chemical Modification: Immobilized â€œNative Enzymesâ€• Methods in Molecular Biology, 2020, 2100, 83-92.	0.0	3
128	Immobilization of Yarrowia lipolytica Lipaseâ€”A Comparison of Stability of Physical Adsorption and Covalent Attachment Techniques. , 2007, , 169-176.		3
129	Strategies for the Immobilization of EversaÂ® Transform 2.0 Lipase and Application for Phospholipid Synthesis. Catalysts, 2021, 11, 1236.	3.6	3
130	Synthesis of sn-2 docosahexaenoyl monoacylglycerol by mild enzymatic transesterification of docosahexaenoic acid ethyl ester and glycerol in a solvent-free system. Cogent Food and Agriculture, 2016, 2, .	1.4	2
131	Immobilization and Stabilization of Proteins by Multipoint Covalent Attachment on Novel Amino-Epoxy-SepabeadsÂ®. Methods in Biotechnology, 2006, , 153-162.	0.0	2
132	Preparation of an Industrial Biocatalyst of Penicillin G Acylase on Sepabeads. Methods in Biotechnology, 2005, , 273-288.	0.0	1
133	Stabilization of Lecitase UltraÂ® by Immobilization and Fixation of Bimolecular Aggregates. Release of Omega-3 Fatty Acids by Enzymatic Hydrolysis of Krill Oil. Catalysts, 2021, 11, 1067.	3.6	1
134	Conformational Engineering of Lipases via Directed Immobilisation: Improving the Resolution of Chiral Drugs. Medicinal Chemistry Reviews Online, 2005, 2, 369-378.	0.1	0
135	Biocatalysts Based on Immobilized Lipases for the Production of Ethyl Esters of Fatty Acids including Bioactive Gamma-Linolenic Acid from Borage Oil. Catalysts, 2023, 13, 1275.	3.6	0
136	Various Strategies for the Immobilization of a Phospholipase C from Bacillus cereus for the Modulation of Its Biochemical Properties. Molecules, 2024, 29, 1467.	3.9	0