

CITATION REPORT

List of articles citing

Lipases: Useful biocatalysts for the preparation of pharmaceu

DOI: 10.1016/j.molcatb.2006.02.010

Journal of Molecular Catalysis B: Enzymatic, 2006, 40, 111-120

Source: <https://exaly.com/paper-pdf/39688582/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
286	Seven-membered cyclic sulfite eudesmane derivatives: partial synthesis, structural determination, and enzymatic resolution. <i>Journal of Organic Chemistry</i> , 2007 , 72, 643-6	4.2	15
285	Technische Anwendung von Enzymen: Weiß Wäcbe und GröÙe Chemie. 2007 , 41, 324-333		0
284	Activity of human P450 2D6 in biphasic solvent systems. <i>Biotechnology and Bioengineering</i> , 2007 , 98, 508-13	4.9	7
283	Dynamic combinatorial resolution: direct asymmetric lipase-mediated screening of a dynamic nitroaldol library. 2007 , 46, 948-50		98
282	Dynamic Combinatorial Resolution: Direct Asymmetric Lipase-Mediated Screening of a Dynamic Nitroaldol Library. 2007 , 119, 966-968		40
281	Lipases in lipophilization reactions. 2007 , 25, 515-36		130
280	Cloning, expression and characterization of a novel thermal stable and short-chain alcohol tolerant lipase from Burkholderia cepacia strain G63. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007 , 45, 91-96		70
279	Gene cloning, overexpression and characterization of a novel organic solvent tolerant and thermostable lipase from Galactomyces geotrichum Y05. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007 , 49, 28-35		50
278	Enantiomerically pure organoseleno-1-arylethanols by enzymatic resolution with Candida antarctica lipase: Novozym 435. 2007 , 18, 1048-1053		15
277	Enantioselective enzymatic acylation of 1-(3?-bromophenyl)ethylamine. 2007 , 18, 1330-1337		11
276	Lipase-catalyzed preparation of corticosteroid 17 β -esters endowed with antiandrogenic activity. 2008 , 49, 4610-4612		8
275	Immobilization of Yarrowia lipolytica lipase--a comparison of stability of physical adsorption and covalent attachment techniques. <i>Applied Biochemistry and Biotechnology</i> , 2008 , 146, 49-56	3.2	37
274	Comparing the effect of immobilization methods on the activity of lipase biocatalysts in ester hydrolysis. 2008 , 31, 323-7		9
273	Enzymatic synthesis of optically active tertiary alcohols: expanding the biocatalysis toolbox. 2008 , 9, 491-8		106
272	Efficient access to enantiomerically pure cyclic alpha-amino esters through a lipase-catalyzed kinetic resolution. 2009 , 19, 1714-1719		19
271	Cold active microbial lipases: some hot issues and recent developments. 2008 , 26, 457-70		357
270	Combination of Biocatalysis and Chemical Catalysis for the Preparation of Pharmaceuticals Through Multi-Step Syntheses. 213-233		0

269	A structure-controlled investigation of lipase enantioselectivity by a path-planning approach. 2008 , 9, 1308-17		35
268	Transesterification and Hydrolysis of Carboxylic Acid Derivatives, Alcohols, and Epoxides. 133-169		3
267	. 2008 ,		31
266	. 2008 ,		84
265	Cloning, expression and characterization of an organic solvent tolerant lipase from <i>Pseudomonas fluorescens</i> JCM5963. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 56, 78-84		46
264	Role of apparent pKa of carboxylic acids in lipase-catalyzed esterifications in biphasic systems. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 59, 220-224		15
263	Differences in biocatalytic behavior between two variants of StcI esterase from <i>Aspergillus nidulans</i> and its potential use in biocatalysis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 61, 225-234		4
262	Quantitative enzyme immobilization: Control of the carboxyl group density on support surface. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 61, 296-302		21
261	A rapid and efficient method for directed screening of lipase-producing <i>Burkholderia cepacia</i> complex strains with organic solvent tolerance from rhizosphere. 2009 , 107, 658-61		9
260	Understanding the plasticity of the alpha/beta hydrolase fold: lid swapping on the <i>Candida antarctica</i> lipase B results in chimeras with interesting biocatalytic properties. 2009 , 10, 520-7		86
259	Stereoselective Chemoenzymatic Synthesis of Enantiopure 1-(Heteroaryl)ethanamines by Lipase-Catalysed Kinetic Resolutions. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2533-2538	3-2	14
258	Enzymatic characterization of 30 kDa lipase from <i>Pseudomonas aeruginosa</i> ATCC 27853. 2009 , 49, 452-62		7
257	Synthesis of n-butyl acetamide over immobilized lipase. 2009 , 84, 420-426		18
256	Recombinant <i>Candida rugosa</i> LIP2 expression in <i>Pichia pastoris</i> under the control of the AOX1 promoter. <i>Biochemical Engineering Journal</i> , 2009 , 46, 271-277	4-2	25
255	Cloning and expression of <i>Pseudomonas fluorescens</i> 26-2 lipase gene in <i>Pichia pastoris</i> and characterizing for transesterification. <i>Applied Biochemistry and Biotechnology</i> , 2009 , 159, 355-65	3-2	34
254	Lipase activity of Lecitase \square Ultra: characterization and applications in enantioselective reactions. 2009 , 20, 2854-2860		44
253	Lipase-catalysed kinetic resolutions of secondary alcohols in pressurised liquid hydrofluorocarbons. 2009 , 50, 3543-3546		5
252	Hydrolase-catalyzed reactions in membrane reactors at atmospheric and high pressure. 2009 , 241, 14-21		10

251	Improvement of catalytic properties of lipase from <i>Arthrobacter</i> sp. by encapsulation in hydrophobic sol-gel materials. 2009 , 100, 4311-6	32
250	Dynamic asymmetric multicomponent resolution: lipase-mediated amidation of a double dynamic covalent system. 2009 , 131, 14419-25	80
249	First evidence for the salt-dependent folding and activity of an esterase from the halophilic archaea <i>Haloarcula marismortui</i> . 2009 , 1791, 719-29	78
248	Lipase-catalyzed highly enantioselective kinetic resolution of boron-containing chiral alcohols. 2009 , 11, 3052-5	26
247	Development of an Acid-Washable Tag for the Separation of Enantiomers from Bioresolutions. 2009 , 13, 706-709	18
246	Discovery and utilization of biocatalysts for chiral synthesis: an overview of Chinese scientists' research and development. 2009 , 113, 1-31	3
245	Chemoenzymatic synthesis of rivastigmine based on lipase-catalyzed processes. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5304-10	4.2 49
244	Celite-Supported Reagents in Organic Synthesis: An Overview. 2010 , 14, 2384-2408	19
243	Enzymatic Catalysis Today and Tomorrow. 2010 , 95-120	1
242	Kinetic resolution of (R/S)-propranolol (1-isopropylamino-3-(1-naphthoxy)-2-propanolol) catalyzed by immobilized preparations of <i>Candida antarctica</i> lipase B (CAL-B). 2010 , 27, 844-50	34
241	Enzymatic acrylation of 2-hydroxy- γ -butyrolactone to synthesize the gamma butyrolactone methacrylate (GBLMA) for photoresist. 2010 , 15, 208-212	1
240	A unique thermostable and organic solvent tolerant lipase from newly isolated <i>Aneurinibacillus thermoaerophilus</i> strain HZ: physical factor studies. 2010 , 26, 1693-1701	19
239	Technical methods to improve yield, activity and stability in the development of microbial lipases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 62, 1-8	64
238	Lipases for use in industrial biocatalysis: Specificity of selected structural groups of lipases. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 65, 18-23	79
237	Kinetic resolution of a drug precursor by <i>Burkholderia cepacia</i> lipase immobilized by different methodologies on superparamagnetic nanoparticles. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 66, 55-62	45
236	Lipase chemoselectivity towards alcohol and thiol acyl acceptors in a transacylation reaction. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 66, 120-123	22
235	Lipases from the genus <i>Penicillium</i> : Production, purification, characterization and applications. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 66, 43-54	61
234	Purification and characterization of an organic solvent-tolerant lipase from <i>Pseudomonas aeruginosa</i> LX1 and its application for biodiesel production. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 66, 264-269	74

233	Stereoselective Chemoenzymatic Preparation of β -Amino Esters: Molecular Modelling Considerations in Lipase-Mediated Processes and Application to the Synthesis of (S)-Dapoxetine. 2010 , 352, 395-406		19
232	Mutant lipase-catalyzed kinetic resolution of bulky phenyl alkyl sec-alcohols: a thermodynamic analysis of enantioselectivity. 2010 , 11, 411-6		23
231	Recombinant <i>Candida rugosa</i> lipase 2 from <i>Pichia pastoris</i> : immobilization and use as biocatalyst in a stereoselective reaction. <i>Biotechnology Progress</i> , 2010 , 26, 1252-8	2.8	9
230	Stereoselective synthesis of optically active cyclic β - and β -amino esters through lipase-catalyzed transesterification or interesterification processes. 2010 , 21, 2307-2313		8
229	Comparative study of properties of immobilized lipase onto glutaraldehyde-activated amino-silica gel via different methods. 2010 , 78, 351-6		34
228	Integrated process for co-production of alkaline lipase and R-(+)- β -terpineol by <i>Fusarium oxysporum</i> . 2010 , 120, 452-456		16
227	Achiral bis-imine in combination with CoCl_2 remarkable effect on enantioselectivity of lipase-mediated acetylation of racemic secondary alcohol. 2010 , 6, 1174-9		13
226	Enzymatic reactions and synthesis of n-butyl caproate: esterification, transesterification and aminolysis using a recombinant lipase from <i>Geobacillus thermoleovorans</i> CCR11. 2010 , 31, 1101-6		3
225	Biocatalytic strategies for the asymmetric synthesis of alpha-hydroxy ketones. 2010 , 43, 288-99		174
224	Polyphosphazenes as tunable and recyclable supports to immobilize alcohol dehydrogenases and lipases: synthesis, catalytic activity, and recycling efficiency. 2010 , 11, 1291-7		20
223	Metadynamics Simulations of Enantioselective Acylation Give Insights into the Catalytic Mechanism of <i>Burkholderia cepacia</i> Lipase. 2010 , 6, 1145-1156		4
222	Improved enzymatic syntheses of valuable beta-arylalkyl-beta-amino acid enantiomers. 2010 , 8, 793-9		15
221	Hydrolases: catalytically promiscuous enzymes for non-conventional reactions in organic synthesis. 2010 , 39, 4504-23		238
220	Large-Scale Applications of Hydrolases in Biocatalytic Asymmetric Synthesis. 2010 , 249-264		1
219	Enzyme-catalyzed C-C bond formation using 2-methyltetrahydrofuran (2-MTHF) as (co)solvent: efficient and bio-based alternative to DMSO and MTBE. <i>Green Chemistry</i> , 2010 , 12, 2240	10	73
218	Kinetic Modeling and Statistical Optimization of Lipase Catalyzed Enantioselective Resolution of (R,S)-2-pentanol. 2011 , 50, 12975-12983		24
217	Hydrolases in the stereoselective synthesis of N-heterocyclic amines and amino acid derivatives. <i>Chemical Reviews</i> , 2011 , 111, 3998-4035	68.1	116
216	Design of ionic liquids for lipase purification. 2011 , 879, 2679-87		80

215	Combined docking and molecular dynamics simulations to enlighten the capacity of <i>Pseudomonas cepacia</i> and <i>Candida antarctica</i> lipases to catalyze quercetin acetylation. <i>Journal of Biotechnology</i> , 2011 , 156, 203-10	3.7	22
214	Successive cycles of utilization of novozym 435 in three different reaction systems. 2011 , 28, 181-188		24
213	Chemoenzymatic synthesis of chiral unsymmetrical benzoin esters. 2011 , 67, 7321-7329		23
212	Kinetic resolution of (E)-1,2-O-isopropylidene-3,6-di-O-benzyl-myo-inositol by lipases: An experimental and theoretical study on the reaction of a key precursor of chiral inositols. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 70, 32-40		13
211	Effect of the immobilization protocol on the properties of lipase B from <i>Candida antarctica</i> in organic media: Enantiospecific production of atenolol acetate. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 71, 124-132		56
210	Optimised Dynamic Kinetic Resolution of benzoin by a chemoenzymatic approach in 2-MeTHF. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 72, 20-24		38
209	Purification and characterization of an extracellular lipase from a novel strain <i>Penicillium</i> sp. DS-39 (DSM 23773). <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 72, 256-262		38
208	Lipase-catalyzed synthesis of 4-methoxy cinnamoyl glycerol. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 73, 5-8		8
207	Highly soluble expression and molecular characterization of an organic solvent-stable and thermotolerant lipase originating from the metagenome. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011 , 72, 319-326		10
206	Enzymatic synthesis and analytical monitoring of terpene ester by ¹ H NMR spectroscopy. 2011 , 65,		7
205	Advances in Biocatalysis: Enzymatic Reactions and Their Applications. 2011 , 67-103		3
204	A novel nanoprotein particle synthesis: Nanolipase. <i>Process Biochemistry</i> , 2011 , 46, 1688-1692	4.8	20
203	Enhancing functional expression of Heterologous Burkholderia lipase in <i>Escherichia coli</i> . 2011 , 47, 130-43		11
202	Optimization and kinetic modeling of lipase catalyzed enantioselective N-acetylation of (E)-1-phenylethylamine under microwave irradiation. 2011 , 86, 739-748		26
201	Use of Protease from <i>Bacillus licheniformis</i> as Promiscuous Catalyst for Organic Synthesis: Applications in C-C and C-N Bond Formation Reactions. 2011 , 353, 2345-2353		40
200	Biocatalytic Promiscuity. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 3391-3401	3.2	191
199	Total synthesis of plakortide E and biomimetic synthesis of plakortone B. 2011 , 17, 5874-80		37
198	Chemoenzymatic synthesis with lipase catalyzed resolution and evaluation of antitumor activity of (R/S)-2-[2-hydroxy-3-(4-phenylpiperazin-1-yl)propyl]-1H-pyrrolo[3,4-b]quinolin-3(2H)-one. 2011 , 46, 2152-6		38

- 197 Synthesis of ethyl ferulate in organic medium using celite-immobilized lipase. **2011**, 102, 2162-7 50
- 196 Efficient Enzymatic Amine Resolution at High Substrate Input Using Diethyl Malonate as an Acyl Donor of Low Hazard Potential. **2012**, 67, 1123-1126 2
- 195 Asymmetric chemoenzymatic synthesis of ramatroban using lipases and oxidoreductases. *Journal of Organic Chemistry*, **2012**, 77, 4842-8 4.2 39
- 194 Kinetic Resolution of 1,3,6-Tri-O-benzyl-myo-Inositol by Novozym 435: Optimization and Enzyme Reuse. **2012**, 16, 1378-1384 23
- 193 A novel lipase enzyme panel exhibiting superior activity and selectivity over lipase B from *Candida antarctica* for the kinetic resolution of secondary alcohols. **2012**, 23, 583-586 10
- 192 Preparation of enantiomerically pure p-substituted phenylethyl hydroperoxides by kinetic resolution and their use as enantioselective oxidants in the asymmetric Weitz-Bcheffer epoxidation of E-chalcone. **2012**, 23, 594-601 6
- 191 Microwave assisted lipase catalyzed synthesis of isoamyl myristate in solvent-free system. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 83, 16-22 52
- 190 Exploiting the enzymatic machinery of *Arthrobacter atrocyaneus* for oxidative kinetic resolution of secondary alcohols. *Journal of Molecular Catalysis B: Enzymatic*, **2012**, 83, 23-28 6
- 189 2-Methyltetrahydrofuran (2-MeTHF): a biomass-derived solvent with broad application in organic chemistry. **2012**, 5, 1369-79 405
- 188 Lipase-catalyzed kinetic resolution of E-borylated carboxylic esters. **2012**, 23, 1294-1300 11
- 187 Hydrolysis and Formation of Carboxylic Acid Esters. **2012**, 249-362 12
- 186 Dynamic Kinetic Resolution via Hydrolase-Metal Combo Catalysis in Stereoselective Synthesis of Bioactive Compounds. **2012**, 354, 2585-2611 63
- 185 A Three-Enzyme System Involving an Ene-Reductase for Generating Valuable Chiral Building Blocks. **2012**, 354, 2185-2190 24
- 184 Lipase-catalyzed acylation in a continuous down-flow fixed-bed reactor. **2012**, 53, 673-683 5
- 183 Biocatalyzed Regio- and Chemoselective Ester Cleavage: Synthesis of Bioactive Molecules. *ChemCatChem*, **2012**, 4, 592-608 5.2 15
- 182 A biocatalytic approach for regioselective monoacetylation of 3-aryloxy-1,2-propanediols by porcine pancreatic lipase. **2012**, 143, 951-953 2
- 181 Purification of an organic solvent-tolerant lipase from *Aspergillus niger* MYA 135 and its application in ester synthesis. **2012**, 1, 25-31 34
- 180 Improved production of heterologous lipase in *Trichoderma reesei* by RNAi mediated gene silencing of an endogenic highly expressed gene. **2012**, 109, 116-22 52

179	Immobilized <i>Candida antarctica</i> lipase B: Hydration, stripping off and application in ring opening polyester synthesis. 2012 , 30, 550-63		124
178	Cloning, expression and characterization of a lipase gene from the <i>Candida antarctica</i> ZJB09193 and its application in biosynthesis of vitamin A esters. 2012 , 167, 452-60		32
177	Optimized preparation of CALB-CLEAs by response surface methodology: The necessity to employ a feeder to have an effective crosslinking. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 80, 7-14		66
176	Immobilization to improve the properties of <i>Pseudomonas fluorescens</i> lipase for the kinetic resolution of 3-aryl-3-hydroxy esters. <i>Process Biochemistry</i> , 2012 , 47, 119-126	4.8	21
175	Production and characteristics of the whole-cell lipase from organic solvent tolerant <i>Burkholderia</i> sp. ZYB002. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 536-48	3.2	13
174	Synthesis of Core/Shell Magnetic Porous Microspheres for Lipase Immobilization. 2012 , 22, 213-222		6
173	Experimental design of the kinetic resolution of a key precursor of high-value bioactive myo-inositols by an immobilized lipase. 2013 , 88, 205-211		7
172	Immobilized <i>Pseudomonas</i> sp. lipase: A powerful biocatalyst for asymmetric acylation of (R)-2-amino-1-phenylethanol with vinyl acetate. <i>Process Biochemistry</i> , 2013 , 48, 819-830	4.8	18
171	Hierarchical meso-macroporous silica grafted with glyoxyl groups: opportunities for covalent immobilization of enzymes. 2013 , 30, 500-6		37
170	Preparation of new Calix[4]arene-immobilized biopolymers for enhancing catalytic properties of <i>Candida rugosa</i> lipase by sol-gel encapsulation. <i>Applied Biochemistry and Biotechnology</i> , 2013 , 170, 1871-84	3.2	18
169	Acetylation of (R,S)-propranolol catalyzed by <i>Candida antarctica</i> lipase B: An experimental and computational study. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 98, 21-29		15
168	Purification, characterisation and expression in <i>Saccharomyces cerevisiae</i> of LipG7 an enantioselective, cold-adapted lipase from the Antarctic filamentous fungus <i>Geomyces</i> sp. P7 with unusual thermostability characteristics. 2013 , 53, 18-24		37
167	Use of lipases for the kinetic resolution of lactic acid esters in heptane or in a solvent free system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 97, 289-296		2
166	Immobilization and enantioselectivity of <i>Bacillus pumilus</i> lipase in ionic liquids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 89, 137-141		7
165	Lipase-catalyzed (trans)esterification of 5-hydroxy-methylfurfural and separation from HMF esters using deep-eutectic solvents. 2013 , 6, 630-4		84
164	Lipase-catalyzed aza-Michael reaction on acrylate derivatives. <i>Journal of Organic Chemistry</i> , 2013 , 78, 3802-13	4.2	26
163	CAL-B catalyzed desymmetrization of 3-alkylglutarate: "olefin effect" and asymmetric synthesis of pregabalin. 2013 , 11, 3635-41		18
162	Biocatalytic direct asymmetric aldol reaction using proteinase from <i>Aspergillus melleus</i> . 2013 , 56, 939-944		20

161	Chemoenzymatic Asymmetric Synthesis of Serotonin Receptor Agonist (R)-Frovatriptan. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 4057-4064	3.2	6
160	Recent advances and applications of the lipolytic activity of <i>Carica papaya</i> latex. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 90, 49-60		11
159	Adsorption of lipase from <i>Candida rugosa</i> on multi walled carbon nanotubes. 2013 , 19, 279-285		48
158	Lipase from <i>Pseudomonas stutzeri</i> : Purification, homology modelling and rational explanation of the substrate binding mode. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013 , 87, 88-98		26
157	Microwave-assisted kinetic resolution of homochiral (Z)-cyclooct-5-ene-1,2-diol and (Z)-2-acetoxycyclooct-4-enyl acetate using lipases. <i>Molecules</i> , 2014 , 19, 9215-27	4.8	5
156	Influence of the morphology of core-shell supports on the immobilization of lipase B from <i>Candida antarctica</i> . <i>Molecules</i> , 2014 , 19, 12509-30	4.8	28
155	A new mechanism of enantioselectivity toward chiral primary alcohol by lipase from <i>Pseudomonas cepacia</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 109, 109-115		11
154	Improving catalytic hydrolysis reaction efficiency of sol-gel-encapsulated <i>Candida rugosa</i> lipase with magnetic β -cyclodextrin nanoparticles. 2014 , 113, 182-9		34
153	Efficient desymmetrization of 4,6-di-O-benzyl-myo-inositol by Lipozyme TL-IM. 2014 , 386, 7-11		4
152	New generation of biocatalysts for organic synthesis. 2014 , 53, 3070-95		243
151	Tuning lipase B from <i>Candida antarctica</i> C ₁ bond promiscuous activity by immobilization on poly-styrene-divinylbenzene beads. 2014 , 4, 6219		27
150	Autodisplay for the co-expression of lipase and foldase on the surface of <i>E. coli</i> : washing with designer bugs. 2014 , 13, 19		32
149	Biokatalysatoren für die organische Synthese – die neue Generation. 2014 , 126, 3132-3158		66
148	Characterisation of lipase fatty acid selectivity using novel omega-3 pNP-acyl esters. 2014 , 6, 259-269		18
147	Yeast cell surface display for lipase whole cell catalyst and its applications. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 106, 17-25		42
146	Carbonaceous-siliceous composite materials as immobilization support for lipase from <i>Alcaligenes</i> sp.: Application to the synthesis of antioxidants. 2014 , 74, 96-103		10
145	Preparation of core-shell polymer supports to immobilize lipase B from <i>Candida antarctica</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 100, 59-67		62
144	Versatile de novo enzyme activity in capsid proteins from an engineered M13 bacteriophage library. 2014 , 136, 16508-14		9

143	Development of regioselective deacylation of peracetylated D-monosaccharides using lipase from <i>Pseudomonas stutzeri</i> under sustainable conditions. 2014 , 4, 55495-55502		13
142	Convenient enzymatic resolution of cis-6-benzyltetrahydro-1H-pyrrolo[3,4-b]pyridine-5,7(6H,7aH)-dione using lipase to prepare the intermediate of moxifloxacin. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014 , 110, 178-183		3
141	An evaluation of the proteolytic and lipolytic potential of <i>Penicillium</i> spp. isolated from traditional Greek sausages in submerged fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2014 , 172, 767-75	3-2	7
140	Application of response surface methodology in enzymatic synthesis: A review. 2014 , 40, 252-262		5
139	Over-expression of active <i>Candida rugosa</i> lip1 in <i>Pichia pastoris</i> via high cell-density fermentation and its application to resolve racemic ibuprofen. <i>Biocatalysis and Biotransformation</i> , 2015 , 33, 260-269	2-5	5
138	Recent Advances in Biocatalytic Promiscuity: Hydrolase-Catalyzed Reactions for Nonconventional Transformations. 2015 , 15, 743-59		71
137	Recent Advances in Lipase-Mediated Preparation of Pharmaceuticals and Their Intermediates. 2015 , 16, 29682-716		98
136	Are Lipases Still Important Biocatalysts? A Study of Scientific Publications and Patents for Technological Forecasting. <i>PLoS ONE</i> , 2015 , 10, e0131624	3-7	61
135	Modification and simulation of <i>Rhizomucor miehei</i> lipase: the influence of surficial electrostatic interaction on enantioselectivity. 2015 , 37, 871-80		4
134	Hydrolysis of hydrophobic esters in a bicontinuous microemulsion catalysed by lipase B from <i>Candida antarctica</i> . 2015 , 21, 2691-700		15
133	Improved performance of lipases immobilized on heterofunctional octyl-glyoxyl agarose beads. 2015 , 5, 11212-11222		113
132	New strategy to apply perfluorodecalin as an oxygen carrier in lipase production: minimisation and reuse. 2015 , 38, 721-8		1
131	Synthesis of chiral oxazolidinone derivatives through lipase-catalyzed kinetic resolution. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015 , 122, 29-34		10
130	Novozym [®] 435-catalyzed production of ascorbyl oleate in organic solvent ultrasound-assisted system. 2015 , 4, 514-520		13
129	Adaptational properties and applications of cold-active lipases from psychrophilic bacteria. 2015 , 19, 235-47		46
128	Novel lipase purification methods - a review of the latest developments. 2015 , 10, 31-44		29
127	Enantiopreference of <i>Candida antarctica</i> lipase B toward carboxylic acids: Substrate models and enantioselectivity thereof. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 127, 98-116		23
126	Directed Evolution of Enzymes for Industrial Biocatalysis. 2016 , 17, 197-203		135

125	Chemoenzymatic Route for the Synthesis of (S)-Moprolol, a Potential β -Blocker. <i>Chirality</i> , 2016 , 28, 313-8	2.1	5
124	Application of Deep Eutectic Solvents in Promiscuous Lipase-Catalysed Aldol Reactions. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1513-1519	3.2	45
123	Dynamic Kinetic Resolution via Hydrolase/Metal Combo Catalysis. 2016 , 373-396		2
122	Enantioselective Acylation of Alcohol and Amine Reactions in Organic Synthesis. 2016 , 231-266		2
121	Lipase-Catalyzed Kinetic Resolution of Novel Antifungal N-Substituted Benzimidazole Derivatives. <i>Chirality</i> , 2016 , 28, 347-54	2.1	8
120	An unexpected inversion of CAL-B enantiopreference based on substrate engineering of 2-bromoesters: Effect of (R)-1-phenylethyl moiety. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, S317-S323		2
119	Highly efficient resolution of N-hydroxymethyl vince lactam by solvent stable lipase YCJ01. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, S150-S156		3
118	Efficient kinetic resolution of secondary alcohols using an organic solvent-tolerant esterase in non-aqueous medium. 2016 , 38, 1165-71		7
117	Cocoa pod husk, a new source of hydrolase enzymes for preparation of cross-linked enzyme aggregate. 2016 , 5, 57		17
116	Insight into the role of halogen bond in the activity of d-mandelate dehydrogenase toward halogenated substrates. 2016 , 57, 1944-1948		10
115	(R)-(+)-N-Methylbenzguanidine ((R)-NMBG) catalyzed acylative kinetic resolution of racemic 3-hydroxy-3-aryl-propanoates. 2016 , 57, 4697-4701		10
114	Evaluation of different immobilized lipases in transesterification reactions using tributyrin: Advantages of the heterofunctional octyl agarose beads. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, 117-123		59
113	4-Hydroxy-N-propyl-1,8-naphthalimide esters: New fluorescence-based assay for analysing lipase and esterase activity. 2016 , 128-129, 127-32		12
112	Calixarenes in Organo and Biomimetic Catalysis. 2016 , 719-742		11
111	Cold active lipases: An update. 2016 , 9, 226-238		36
110	Easy kinetic resolution of some β -amino alcohols by <i>Candida antarctica</i> lipase B catalyzed hydrolysis in organic media. 2016 , 27, 1253-1259		10
109	Recent Developments and Optimization of Lipase-Catalyzed Lactone Formation and Ring-Opening Polymerization. 2016 , 37, 1986-2004		33
108	Preparation of Enantiomerically Pure (S)-(-)-1-(1'-naphthyl)-ethanol by the Fungus <i>Alternaria alternata</i> . <i>Chirality</i> , 2016 , 28, 669-73	2.1	4

107	The effect of the migrating group structure on enantioselectivity in lipase-catalyzed kinetic resolution of α -phenylethanol. 2016 , 19, 971-977	16
106	Enzymatic kinetic resolution of aliphatic sec -alcohols by LipG9, a metagenomic lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 125, 58-63	9
105	Hydrophobic microenvironment optimization for efficient immobilization of lipases on octadecyl functionalised resins. 2016 , 72, 7323-7328	24
104	Immobilization of <i>Bacillus subtilis</i> lipase on a Cu-BTC based hierarchically porous metal-organic framework material: a biocatalyst for esterification. 2016 , 45, 6998-7003	93
103	Chiral β -lactones derived from cuminaldehyde, 2,5-dimethylbenzaldehyde and piperonal: chemoenzymatic synthesis and antiproliferative activity. 2016 , 27, 227-237	12
102	Chemo-enzymatic Baeyer-Villiger oxidation of 4-methylcyclohexanone via kinetic resolution of racemic carboxylic acids: direct access to enantioenriched lactone. 2016 , 52, 1230-3	17
101	Asymmetric Chemoenzymatic Reductive Acylation of Ketones by a Combined Iron-Catalyzed Hydrogenation-Racemization and Enzymatic Resolution Cascade. 2017 , 10, 1664-1668	25
100	Enantioselective enzymatic resolution of racemic alcohols by lipases in green organic solvents. 2017 , 28, 473-478	20
99	Acylation kinetic resolution of racemic aromatic β -hydroxy esters catalyzed by chiral nucleophilic N-(1-arylethyl)benzguanidines. 2017 , 28, 516-521	11
98	Chemoenzymatic preparation of optically active cyclic 4-hydroxy-acylaziridines. 2017 , 4, 1620-1623	1
97	Mining lipolytic enzymes in community DNA from high Andean soils using a targeted approach. 2017 , 110, 1035-1051	3
96	Different bio/Lewis acid-catalyzed stereoselective aldol reactions in various mediums. 2017 , 148, 1445-1452	6
95	Preparation of Biodiesel with Liquid Synergetic Lipases from Rapeseed Oil Deodorizer Distillate. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 183, 778-791	3,2 24
94	Diastereoselective and enantioselective alkaline-hydrolysis of 2-aryl-1-cyclohexyl acetate: a CAL-B catalyzed deacylation/acylation tandem process. 2017 , 28, 1644-1650	3
93	Impact of variation of the acyl group on the efficiency and selectivity of the lipase-mediated resolution of 2-phenylalkanols. 2017 , 28, 1144-1153	4
92	Highly Enantioselective Production of Chiral Secondary Alcohols with <i>Candida zeylanoides</i> as a New Whole Cell Biocatalyst. 2017 , 14, e1700121	19
91	Chemoenzymatic synthesis of (S)-Pindolol using lipases. 2017 , 546, 7-14	68
90	Surveying Enantioselectivity of Two <i>Candida antarctica</i> -lipase-B Homologs Towards Chiral sec-Alcohols. 2017 , 38, 1358-1361	3

89	Quantum Mechanics/Molecular Mechanics Insights into the Enantioselectivity of the O-Acetylation of (R,S)-Propranolol Catalyzed by Candida antarctica Lipase B. <i>ACS Catalysis</i> , 2017 , 7, 115-127	13.1	21
88	Biocatalysis for Industrial Production of Active Pharmaceutical Ingredients (APIs). 2017 , 451-473		8
87	Synthesis of Chirally Pure Enantiomers by Lipase. 2017 , 66, 1073-1084		15
86	Yeast as a Versatile Tool in Biotechnology. 2017 ,		3
85	Enabling Biocatalysis by High-Throughput Protein Engineering Using Droplet Microfluidics Coupled to Mass Spectrometry. <i>ACS Omega</i> , 2018 , 3, 1498-1508	3.9	53
84	A stereospecific carboxyl esterase from <i>Bacillus coagulans</i> hosting nonlipase activity within a lipase-like fold. <i>FEBS Journal</i> , 2018 , 285, 903-914	5.7	7
83	Utilization of Catalytic Properties of the Encapsulated Lipase with Calix[4]arene-Adorned Sporopollenin. <i>Polycyclic Aromatic Compounds</i> , 2018 , 38, 272-281	1.3	7
82	Exploration of the expeditious potential of <i>Pseudomonas fluorescens</i> lipase in the kinetic resolution of racemic intermediates and its validation through molecular docking. <i>Chirality</i> , 2018 , 30, 85-94	2.1	2
81	Enriching the biological space of natural products and charting drug metabolites, through real time biotransformation monitoring: The NMR tube bioreactor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 1-8	4	7
80	<i>Burkholderia cepacia</i> lipase: A versatile catalyst in synthesis reactions. <i>Biotechnology and Bioengineering</i> , 2018 , 115, 6-24	4.9	52
79	Silylative Kinetic Resolution of Racemic 1-Indanol Derivatives Catalyzed by Chiral Guanidine. <i>Journal of Organic Chemistry</i> , 2018 , 83, 452-458	4.2	14
78	Production of (R)-1-(1,3-benzodioxol-5-yl)ethanol in high enantiomeric purity by <i>Lactobacillus paracasei</i> BD101. <i>Chirality</i> , 2018 , 30, 189-194	2.1	23
77	Relevance and bio-catalytic strategies for the kinetic resolution of ketoprofen towards dexketoprofen. <i>Critical Reviews in Biotechnology</i> , 2018 , 38, 778-800	9.4	9
76	Improvement of extracellular lipase production by a newly isolated <i>Yarrowia lipolytica</i> mutant and its application in the biosynthesis of L-ascorbyl palmitate. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 302-311	7.9	10
75	<i>Candida rugosa</i> lipase encapsulated with magnetic sporopollenin: design and enantioselective hydrolysis of racemic arylpropanoic acid esters. <i>Preparative Biochemistry and Biotechnology</i> , 2018 , 48, 887-897	2.4	5
74	β -Chymotrypsin-catalyzed synthesis of 2-substituted benzimidazole through retro-Claisen reaction. <i>Green Chemistry Letters and Reviews</i> , 2018 , 11, 503-507	4.7	5
73	Efficient access to both enantiomers of 3-(1-hydroxyethyl)phenol by regioselective and enantioselective CAL-B-catalyzed hydrolysis of diacetate in organic media by sodium carbonate. <i>Chirality</i> , 2018 , 30, 1312-1320	2.1	4
72	Lipase and Laccase Encapsulated on Zeolite Imidazolite Framework: Enzyme Activity and Stability from Voltammetric Measurements. <i>ChemCatChem</i> , 2018 , 10, 5425-5433	5.2	25

71	Enzymatic Synthesis of Nucleic Acid Derivatives by Immobilized Cells. 2018 , 79-106		3
70	Flow-based biocatalysis: Application to peracetylated arabinofuranosyl-1,5-arabinofuranose synthesis. <i>Process Biochemistry</i> , 2018 , 72, 112-118	4.8	4
69	Microbial Hydrolysis of Racemic α -Aryl- β -Ethylidene- γ -Lactones and Antifeedant Activity of the Products against Panzer. <i>Molecules</i> , 2018 , 23,	4.8	4
68	Silica nanowires with tunable hydrophobicity for lipase immobilization and biocatalytic membrane assembly. <i>Journal of Colloid and Interface Science</i> , 2018 , 531, 555-563	9.3	19
67	Thermal stability and catalytic properties of protease from <i>Bacillus</i> sp. P45 active in organic solvents and ionic liquid. <i>Biotechnology Progress</i> , 2018 , 34, 1102-1108	2.8	10
66	Direct production of a genetically-encoded immobilized biodiesel catalyst. <i>Scientific Reports</i> , 2018 , 8, 12783	4.9	20
65	An Enzymatic and Environmentally Friendly Route for the Synthesis of Chiral β -Hydroxy Ketones. <i>ChemistrySelect</i> , 2019 , 4, 7927-7931	1.8	2
64	Enzymes from Marine Polar Regions and Their Biotechnological Applications. <i>Marine Drugs</i> , 2019 , 17,	6	44
63	The identification and use of robust transaminases from a domestic drain metagenome. <i>Green Chemistry</i> , 2019 , 21, 75-86	10	30
62	Challenges and Opportunities for the Production of Industrial Enzymes by Fermentation. 2019 , 1-21		1
61	Biocatalysis for C-S bond formation: Porcine pancreatic lipase (PPL) catalysed thiolysis/hydrothiolation reactions in sole water. <i>Synthetic Communications</i> , 2019 , 49, 2029-2043	1.7	1
60	Modeling and optimization of lipase-catalyzed hydrolysis for production of (S)-2-phenylbutyric acid enhanced by hydroxyethyl- β -cyclodextrin. <i>Process Biochemistry</i> , 2019 , 83, 96-103	4.8	
59	Preparation of Sterically Demanding 2,2-Disubstituted-2-Hydroxy Acids by Enzymatic Hydrolysis. <i>Catalysts</i> , 2019 , 9, 113	4	0
58	Improvement of the alkali stability of <i>Penicillium cyclopium</i> lipase by error-prone PCR. <i>Electronic Journal of Biotechnology</i> , 2019 , 39, 91-97	3.1	2
57	Dramatic Increase in Catalytic Performance of Immobilized Lipases by Their Stabilization on Polymer Brush Supports. <i>ACS Catalysis</i> , 2019 , 9, 4992-5001	13.1	21
56	A Comprehensive Functional Characterization of <i>Escherichia coli</i> Lipid Genes. <i>Cell Reports</i> , 2019 , 27, 15971-16061	16.82	
55	High-resolution colorimetric detection of lipase activity based on enzyme-controlled reshaping of gold nanorods. <i>Analytical Methods</i> , 2019 , 11, 2286-2291	3.2	3
54	The Impact of Recent Developments in Technologies which Enable the Increased Use of Biocatalysts. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3713-3734	3.2	20

53	Genome mining and characterisation of a novel transaminase with remote stereoselectivity. <i>Scientific Reports</i> , 2019 , 9, 20285	4.9	6
52	The immobilization of <i>Candida rugosa</i> lipase on the modified polyethersulfone with MOF nanoparticles as an excellent performance bioreactor membrane. <i>Journal of Biotechnology</i> , 2019 , 289, 55-63	3.7	24
51	Whole cell application of <i>Lactobacillus paracasei</i> BD101 to produce enantiomerically pure (S)-cyclohexyl(phenyl)methanol. <i>Chirality</i> , 2019 , 31, 211-218	2.1	19
50	Immobilization on octyl-agarose beads and some catalytic features of commercial preparations of lipase A from <i>Candida antarctica</i> (Novocor ADL): Comparison with immobilized lipase B from <i>Candida antarctica</i> . <i>Biotechnology Progress</i> , 2019 , 35, e2735	2.8	32
49	Kinetic resolution of racemic naproxen methyl ester by magnetic and non-magnetic cross-linked lipase aggregates. <i>Preparative Biochemistry and Biotechnology</i> , 2020 , 50, 148-155	2.4	2
48	Exploring the Origin of Amidase Substrate Promiscuity in CALB by a Computational Approach. <i>ACS Catalysis</i> , 2020 , 10, 1938-1946	13.1	11
47	Enzyme Hydration Determines Resistance in Organic Cosolvents. <i>ACS Catalysis</i> , 2020 , 10, 14847-14856	13.1	18
46	Enzymatic Synthesis of Aliphatic Acylolins Catalyzed by Thermostable Transketolase. <i>ChemCatChem</i> , 2020 , 12, 5772-5779	5.2	8
45	(S)-Pramipexole and Its Enantiomer, Dexpramipexole: A New Chemoenzymatic Synthesis and Crystallographic Investigation of Key Enantiomeric Intermediates. <i>Catalysts</i> , 2020 , 10, 941	4	
44	Lipase and Water in a Deep Eutectic Solvent: Molecular Dynamics and Experimental Studies of the Effects of Water-In-Deep Eutectic Solvents on Lipase Stability. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 8801-8810	3.4	15
43	Breaking Molecular Symmetry through Biocatalytic Reactions to Gain Access to Valuable Chiral Synthons. <i>Symmetry</i> , 2020 , 12, 1454	2.7	5
42	Recent Trends in Biomaterials for Immobilization of Lipases for Application in Non-Conventional Media. <i>Catalysts</i> , 2020 , 10, 697	4	23
41	Lipase mediated enzymatic kinetic resolution of phenylethyl halohydrins acetates: A case of study and rationalization. <i>Molecular Catalysis</i> , 2020 , 485, 110819	3.3	1
40	Green synthesis of chiral aromatic alcohols with <i>Lactobacillus kefir</i> P2 as a novel biocatalyst. <i>Synthetic Communications</i> , 2020 , 50, 1035-1045	1.7	11
39	Synthesizing Chiral Drug Intermediates by Biocatalysis. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 192, 146-179	3.2	11
38	Immobilization of lipases via interfacial activation on hydrophobic supports: Production of biocatalysts libraries by altering the immobilization conditions. <i>Catalysis Today</i> , 2021 , 362, 130-140	5.3	36
37	Biotechnological relevance of the lipase A from <i>Candida antarctica</i> . <i>Catalysis Today</i> , 2021 , 362, 141-154	5.3	39
36	Directed evolution of a D-mandelate dehydrogenase toward D-o-chloromandelic acid and insight into the molecular basis for its catalytic performance. <i>Biochemical Engineering Journal</i> , 2021 , 166, 107863	4.2	1

35	Liquid lipase preparations designed for industrial production of biodiesel. Is it really an optimal solution?. <i>Renewable Energy</i> , 2021 , 164, 1566-1587	8.1	42
34	Psychrophilic enzymes: structural adaptation, pharmaceutical and industrial applications. <i>Applied Microbiology and Biotechnology</i> , 2021 , 105, 899-907	5.7	9
33	Green solvents in the biotechnology-based pharmaceutical industry. 2021 , 87-104		1
32	Efficient improvement of surface displayed lipase from <i>Rhizomucor miehei</i> in <i>Pichia</i> protease-deficient system. <i>Protein Expression and Purification</i> , 2021 , 180, 105804	2	3
31	Enzymatic Approach to the Synthesis of Enantiomerically Pure Hydroxy Derivatives of 1,3,5-Triaza-7-phosphadamantane. <i>Journal of Organic Chemistry</i> , 2021 , 86, 8556-8562	4.2	1
30	Computational Studies Suggest Promiscuous Lipase B as an Environmentally Friendly Alternative for the Production of Epoxides. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 3604-3614	6.1	1
29	CAL-B accelerated novel synthetic protocols for 3,3-arylidenebis-4-hydroxycoumarins and dimethyl ((substituted phenyl) (phenylamino)methyl) phosphonates. <i>Research on Chemical Intermediates</i> , 1	2.8	2
28	Lactobacillus paracasei biyokatalizörle enantiyosaf (S)-1- (4-metoksifenil) etanol üretimi. <i>Göztepe Üniversitesi Fen Bilimleri Enstitüsü Dergisi</i> ,		
27	Key mutation sites for improvement of the enantioselectivity of lipases through protein engineering. <i>Biochemical Engineering Journal</i> , 2021 , 172, 108047	4.2	3
26	Challenges and Opportunities for the Encapsulation of Enzymes over Porous Solids for Biodiesel Production and Cellulose Valorization into Glucose. <i>ChemCatChem</i> ,	5.2	1
25	Immobilization of <i>Yarrowia lipolytica</i> Lipase: A Comparison of Stability of Physical Adsorption and Covalent Attachment Techniques. 2007 , 169-176		2
24	Phenylpropanoid glycoside analogues: enzymatic synthesis, antioxidant activity and theoretical study of their free radical scavenger mechanism. <i>PLoS ONE</i> , 2011 , 6, e20115	3.7	35
23	Results and Discussion. 2012 , 21-76		
22	From Natural to Synthetic Quorum Sensing Active Compounds: Insights to Develop Specific Quorum Sensing Modulators for Microbe-Plant Interaction. <i>ACS Symposium Series</i> , 2020 , 87-113	0.4	
21	Multigram-scale enzymatic kinetic resolution of trans-2-azidocyclohexyl acetate and chiral reversed-phase HPLC analysis of trans-2-azidocyclohexanol. <i>Chirality</i> , 2021 ,	2.1	0
20	Biocatalytic transformations of bioactive labdane diterpenoids from <i>Andrographis paniculata</i> (Burm f.) Nees: A review. <i>Biocatalysis and Biotransformation</i> , 1-14	2.5	
19	Enzymatic Resolution of cis -Dimethyl-1-acetylpiperidine-2,3-dicarboxylate for the Preparation of a Moxifloxacin Building Block. <i>ChemistrySelect</i> , 2022 , 7,	1.8	
18	Sustainable chemical and biological technologies for the production of enantiopure added-value molecules in biorefineries. 2022 , 295-335		0

17	Enhancing biodiesel production via liquid <i>Yarrowia lipolytica</i> lipase 2 in deep eutectic solvents. <i>Fuel</i> , 2022 , 316, 123342	7.1	1
16	Kinetic modeling of lipase-catalysed hydrolysis of triacylglycerol in a reverse micelle system for the determination of integral stereoselectivity. <i>Catalysis Science and Technology</i> ,	5.5	1
15	Replacement of Less-Preferred Dipolar Aprotic and Etheral Solvents in Synthetic Organic Chemistry with More Sustainable Alternatives.. <i>Chemical Reviews</i> , 2022 ,	68.1	6
14	Acoustic Characterization and Modeling of Silicone-Bonded Cocoa Crop Waste Using a Model Based on the Gaussian Support Vector Machine. <i>Fibers</i> , 2022 , 10, 25	3.7	3
13	Improving Catalytic Performance of <i>Lactobacillus Harbinensis</i> D-Mandelate Dehydrogenase Toward D-O-Chloromandelic Acid by Laboratory Evolution. <i>SSRN Electronic Journal</i> ,	1	
12	A combined ΔE +ESIPT fluorescent probe for detection of lipase activity. <i>Bioorganic Chemistry</i> , 2022 , 106026	5.1	0
11	Efficient bioreduction of cyclohexyl phenyl ketone by <i>Leuconostoc pseudomesenteroides</i> N13 biocatalyst using a distance-based design-focused optimization model. <i>Molecular Catalysis</i> , 2022 , 528, 112474	3.3	0
10	Solvent-Free Lipase-Catalyzed Transesterification of Alcohols with Methyl Esters Under Vacuum-Assisted Conditions. 2022 , 7,		
9	Improving catalytic activity of <i>Lactobacillus harbinensis</i> -mandelate dehydrogenase toward -o-chloromandelic acid by laboratory evolution. 2022 , 531, 112700		0
8	<i>Serratia</i> sp. scl1: isolation of a novel thermostable lipase producing microorganism which holds industrial importance.		0
7	Immobilization of <i>Pseudomonas fluorescens</i> lipase on chitosan crosslinked with polyaldehyde starch for kinetic resolution of sec-alcohols. 2022 , 122, 238-247		0
6	Fundamentals of chirality, resolution, and enantiopure molecule synthesis methods.		0
5	Brave New Surfactant World Revisited by Thermoalkalophilic Lipases: Computational Insights into the Role of SDS as a Substrate Analog.		1
4	Recent Advances in the Enzymatic Synthesis of Polyester. 2022 , 14, 5059		1
3	Resolution of Racemic Aryloxy-Propan-2-yl Acetates via Lipase-Catalyzed Hydrolysis: Preparation of Enantiomerically Pure/Enantioenriched Mexiletine Intermediates and Analogs. 2022 , 12, 1566		0
2	Exquisite use of Selenoesters as Recyclable Acyl Donors for Lipases-catalyzed Kinetic Resolution. 2022 , 7,		0
1	Renewable, sustainable, and natural lignocellulosic carriers for lipase immobilization: A review. 2023 , 365, 29-47		0