

Jian-yong Zheng

List of Publications by Year in descending order

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papers

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docs citations

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401
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#	ARTICLE	IF	CITATIONS
1	Effects of different extraction methods on structural and physicochemical properties of pectins from finger citron pomace. Carbohydrate Polymers, 2021, 258, 117662.	10.2	44
2	Utilization of High-Fructose Corn Syrup for Biomass Production Containing High Levels of Docosaheptaenoic Acid by a Newly Isolated Aurantiochytrium sp. YLH70. Applied Biochemistry and Biotechnology, 2015, 177, 1229-1240.	2.9	33
3	The Immobilization of Candida antarctica lipase B by ZIF-8 encapsulation and macroporous resin adsorption: preparation and characterizations. Biotechnology Letters, 2020, 42, 269-276.	2.2	25
4	Transcriptomic Mechanism of the Phytohormone 6-Benzylaminopurine (6-BAP) Stimulating Lipid and DHA Synthesis in <i>Aurantiochytrium</i> sp.. Journal of Agricultural and Food Chemistry, 2019, 67, 5560-5570.	5.2	23
5	Enzymatic production of (S)-3-cyano-5-methylhexanoic acid ethyl ester with high substrate loading by immobilized Pseudomonas cepacia lipase. Tetrahedron: Asymmetry, 2012, 23, 1517-1521.	1.8	18
6	High-level expression and characterization of a stereoselective lipase from Aspergillus oryzae in Pichia pastoris. Protein Expression and Purification, 2019, 155, 1-7.	1.3	17
7	A sensitive colorimetric high-throughput screening method for lipase synthetic activity assay. Analytical Biochemistry, 2014, 452, 13-15.	2.4	16
8	Overexpression of the transcription factor HAC1 improves nerolidol production in engineered yeast. Enzyme and Microbial Technology, 2020, 134, 109485.	3.2	16
9	Resolution of biotin intermediate lactone by enzyme-catalyzed stereoselective lactonization in organic solvent. Journal of Molecular Catalysis B: Enzymatic, 2009, 56, 20-23.	1.8	12
10	Immobilization of Lipozyme TL 100L for methyl esterification of soybean oil deodorizer distillate. 3 Biotech, 2020, 10, 51.	2.2	12
11	Enzymatic extraction of pectic oligosaccharides from finger citron (<i>Citrus medica</i> L. var.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 9855-9865.	4.6	11
12	Investigation of Lipozyme TL IM-catalyzed transesterification using ultraviolet spectrophotometric assay. Chinese Journal of Catalysis, 2014, 35, 553-559.	14.0	10
13	Resolution of (R, S)-ethyl-2-(4-hydroxyphenoxy) propanoate using lyophilized mycelium of Aspergillus oryzae WZ007. Journal of Molecular Catalysis B: Enzymatic, 2013, 97, 62-66.	1.8	9
14	Efficient synthesis of vitamin E intermediate by lipase-catalyzed regioselective transesterification. Journal of Molecular Catalysis B: Enzymatic, 2014, 106, 90-94.	1.8	8
15	The enzymatic resolution of 1-((4-chlorophenyl)ethyl)amine by Novozym 435 to prepare a novel triazolopyrimidine herbicide. Chirality, 2018, 30, 1225-1232.	2.6	8
16	A stereoselective esterase from Bacillus megaterium : Purification, gene cloning, expression and catalytic properties. Protein Expression and Purification, 2017, 136, 66-72.	1.3	6
17	A Novel esterase from Pseudochrobactrum asaccharolyticum WZZ003: Enzymatic properties toward model substrate and catalytic performance in chiral fungicide intermediate synthesis. Process Biochemistry, 2018, 69, 92-98.	3.7	6
18	Enantioselective Resolution of (R, S)-2-Phenoxy-Propionic Acid Methyl Ester by Covalent Immobilized Lipase from Aspergillus oryzae. Applied Biochemistry and Biotechnology, 2020, 190, 1049-1059.	2.9	6

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19	Improved enantioselective esterification of dl-menthol catalyzed by immobilized TL 100L lipase. Journal of Molecular Catalysis B: Enzymatic, 2016, 133, S271-S276.	1.8	5
20	A novel lipase from <i>Aspergillus oryzae</i> WZ007 catalyzed synthesis of brivaracetam intermediate and its enzymatic characterization. Chirality, 2021, 33, 62-71.	2.6	5
21	Directed evolution of <i>Aspergillus oryzae</i> lipase for the efficient resolution of (R,S)-ethyl-2-(4-hydroxyphenoxy) propanoate. Bioprocess and Biosystems Engineering, 2020, 43, 2131-2141.	3.4	4
22	Homologous Expression and Characterization of L-L-rhamnosidase from <i>Aspergillus niger</i> for the Transformation of Flavonoids. Applied Biochemistry and Biotechnology, 2022, 194, 3453-3467.	2.9	4
23	Biocatalytic Resolution of Rac-1-Ethyl-2-Oxo-Pyrrolidineacetic Acid Methyl Ester by Immobilized Recombinant <i>Bacillus cereus</i> Esterase. Applied Biochemistry and Biotechnology, 2016, 178, 1471-1480.	2.9	3
24	Whole-cell biocatalytic of <i>Bacillus cereus</i> WZZ006 strain to synthesis of indoxacarb intermediate: (S)-5-chloro-1-oxo-2,3-dihydro-2-hydroxy-1H-indene-2-carboxylic acid methyl ester. Chirality, 2019, 31, 958-967.	2.6	3
25	A novel lipase from <i>Aspergillus oryzae</i> catalyzed resolution of (R,S)-ethyl 2-bromoisovalerate. Chirality, 2020, 32, 231-238.	2.6	3
26	Expression and characterization of a thermostable lipase from <i>Thermomyces dupontii</i> . Chemical Papers, 2022, 76, 2811-2821.	2.2	3
27	Investigation on the acyl chain length specificity of lipase by gas chromatography assay. Chemical Papers, 2020, 74, 3039-3045.	2.2	2
28	Kinetic resolution of N-acetyl-DL-alanine methyl ester using immobilized <i>Escherichia coli</i> cells bearing recombinant esterase from <i>Bacillus cereus</i> . Chirality, 2018, 30, 907-912.	2.6	1
29	Engineering of <i>Yarrowia lipolytica</i> for producing pyruvate from glycerol. 3 Biotech, 2022, 12, 98.	2.2	0