

Jian-yong Zheng

List of Publications by Year in descending order

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29
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Expression and characterization of a thermostable lipase from <i>Thermomyces dupontii</i> . <i>Chemical Papers</i> , 2022, 76, 2811-2821.	1.0	3
2	Engineering of <i>Yarrowia lipolytica</i> for producing pyruvate from glycerol. <i>3 Biotech</i> , 2022, 12, 98.	1.1	0
3	Homologous Expression and Characterization of α -L-rhamnosidase from <i>Aspergillus niger</i> for the Transformation of Flavonoids. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3453-3467.	1.4	4
4	A novel lipase from <i>Aspergillus oryzae</i> WZ007 catalyzed synthesis of brivaracetam intermediate and its enzymatic characterization. <i>Chirality</i> , 2021, 33, 62-71.	1.3	5
5	Effects of different extraction methods on structural and physicochemical properties of pectins from finger citron pomace. <i>Carbohydrate Polymers</i> , 2021, 258, 117662.	5.1	44
6	Enzymatic extraction of pectic oligosaccharides from finger citron (<i>Citrus medica</i> L. var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 9855-9865.	2.1	11
7	Enantioselective Resolution of (R, S)-2-Phenoxy-Propionic Acid Methyl Ester by Covalent Immobilized Lipase from <i>Aspergillus oryzae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 1049-1059.	1.4	6
8	A novel lipase from <i>Aspergillus oryzae</i> catalyzed resolution of (R, S)-ethyl 2-bromoisovalerate. <i>Chirality</i> , 2020, 32, 231-238.	1.3	3
9	Overexpression of the transcription factor HAC1 improves nerolidol production in engineered yeast. <i>Enzyme and Microbial Technology</i> , 2020, 134, 109485.	1.6	16
10	The Immobilization of <i>Candida antarctica</i> lipase B by ZIF-8 encapsulation and macroporous resin adsorption: preparation and characterizations. <i>Biotechnology Letters</i> , 2020, 42, 269-276.	1.1	25
11	Directed evolution of <i>Aspergillus oryzae</i> lipase for the efficient resolution of (R,S)-ethyl-2-(4-hydroxyphenoxy) propanoate. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 2131-2141.	1.7	4
12	Immobilization of Lipozyme TL 100L for methyl esterification of soybean oil deodorizer distillate. <i>3 Biotech</i> , 2020, 10, 51.	1.1	12
13	Investigation on the acyl chain length specificity of lipase by gas chromatography assay. <i>Chemical Papers</i> , 2020, 74, 3039-3045.	1.0	2
14	Whole-cell biocatalytic of <i>Bacillus cereus</i> WZZ006 strain to synthesis of indoxacarb intermediate: (S)-5-chloro-2,3-dihydro-2-hydroxy-1H-indene-2-carboxylic acid methyl ester. <i>Chirality</i> , 2019, 31, 958-967.	1.3	3
15	Transcriptomic Mechanism of the Phytohormone 6-Benzylaminopurine (6-BAP) Stimulating Lipid and DHA Synthesis in <i>Aurantiochytrium</i> sp.. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5560-5570.	2.4	23
16	High-level expression and characterization of a stereoselective lipase from <i>Aspergillus oryzae</i> in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2019, 155, 1-7.	0.6	17
17	Kinetic resolution of N-acetyl-L-alanine methyl ester using immobilized <i>Escherichia coli</i> cells bearing recombinant esterase from <i>Bacillus cereus</i> . <i>Chirality</i> , 2018, 30, 907-912.	1.3	1
18	A Novel esterase from <i>Pseudochrobactrum asaccharolyticum</i> WZZ003: Enzymatic properties toward model substrate and catalytic performance in chiral fungicide intermediate synthesis. <i>Process Biochemistry</i> , 2018, 69, 92-98.	1.8	6

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19	The enzymatic resolution of 1-(4-chlorophenyl)ethylamine by Novozym 435 to prepare a novel triazolopyrimidine herbicide. <i>Chirality</i> , 2018, 30, 1225-1232.	1.3	8
20	A stereoselective esterase from <i>Bacillus megaterium</i> : Purification, gene cloning, expression and catalytic properties. <i>Protein Expression and Purification</i> , 2017, 136, 66-72.	0.6	6
21	Improved enantioselective esterification of dl-menthol catalyzed by immobilized TL 100L lipase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, S271-S276.	1.8	5
22	Biocatalytic Resolution of Rac-±-Ethyl-2-Oxo-Pyrrolidineacetic Acid Methyl Ester by Immobilized Recombinant <i>Bacillus cereus</i> Esterase. <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 1471-1480.	1.4	3
23	Utilization of High-Fructose Corn Syrup for Biomass Production Containing High Levels of Docosahexaenoic Acid by a Newly Isolated <i>Aurantiochytrium</i> sp. YLH70. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1229-1240.	1.4	33
24	Investigation of Lipozyme TL IM-catalyzed transesterification using ultraviolet spectrophotometric assay. <i>Chinese Journal of Catalysis</i> , 2014, 35, 553-559.	6.9	10
25	A sensitive colorimetric high-throughput screening method for lipase synthetic activity assay. <i>Analytical Biochemistry</i> , 2014, 452, 13-15.	1.1	16
26	Efficient synthesis of vitamin E intermediate by lipase-catalyzed regioselective transesterification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 106, 90-94.	1.8	8
27	Resolution of (R, S)-ethyl-2-(4-hydroxyphenoxy) propanoate using lyophilized mycelium of <i>Aspergillus oryzae</i> WZ007. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 97, 62-66.	1.8	9
28	Enzymatic production of (S)-3-cyano-5-methylhexanoic acid ethyl ester with high substrate loading by immobilized <i>Pseudomonas cepacia</i> lipase. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 1517-1521.	1.8	18
29	Resolution of biotin intermediate lactone by enzyme-catalyzed stereoselective lactonization in organic solvent. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 56, 20-23.	1.8	12