Yinjun Zhang

List of Publications by Year
in descending order

26 papers	279 citations	1163117 8 h-index	940533 16 g-index
27 all docs	27 docs citations	27 times ranked	323 citing authors

#	Article	IF	Citations
1	Emulsifying Properties of Polysaccharide Conjugates Prepared from Chin-Brick Tea. Journal of Agricultural and Food Chemistry, 2019, 67, 10165-10173.	5.2	48
2	Effects of different extraction methods on structural and physicochemical properties of pectins from finger citron pomace. Carbohydrate Polymers, 2021, 258, 117662.	10.2	44
3	Enantioselective Effects of Metalaxyl Enantiomers in Adolescent Rat Metabolic Profiles Using NMR-Based Metabolomics. Environmental Science & Technology, 2018, 52, 5438-5447.	10.0	41
4	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
5	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
6	Purification, identification and characterization of an esterase with high enantioselectivity to (S)-ethyl indoline-2-carboxylate. Biotechnology Letters, 2019, 41, 1223-1232.	2.2	14
7	Immobilization of Lipozyme TL 100L for methyl esterification of soybean oil deodorizer distillate. 3 Biotech, 2020, 10, 51.	2.2	12
8	Enzymatic extraction of pectic oligosaccharides from finger citron (Citrus medica L. var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46 9855-9865.	4.6	11
9	The enzymatic resolution of 1â€(4â€chlorophenyl)ethylamine by Novozym 435 to prepare a novel triazolopyrimidine herbicide. Chirality, 2018, 30, 1225-1232.	2.6	8
10	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
11	Fluorescent microplate assay method for high-throughput detection of lipase transesterification activity. Analytical Biochemistry, 2018, 549, 26-28.	2.4	6
12	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
13	Isolation of a Bacillus Aryabhattai Strain for the Resolution of (R, S)-Ethyl Indoline-2-Carboxylate to Produce (S)-Indoline-2-Carboxylic Acid. Catalysts, 2019, 9, 206.	3.5	5
14	Purification and characterization of a thermoalkaliphilic esterase from Bacillus cereus WZZ006 for enantioselective resolution of indoxacarb intermediate. International Journal of Biological Macromolecules, 2019, 140, 358-367.	7.5	5
15	A novel lipase from Aspergillus oryzae WZ007 catalyzed synthesis of brivaracetam intermediate and its enzymatic characterization. Chirality, 2021, 33, 62-71.	2.6	5
16	Directed evolution of Aspergillus oryzae lipase for the efficient resolution of (R,S)-ethyl-2-(4-hydroxyphenoxy) propanoate. Bioprocess and Biosystems Engineering, 2020, 43, 2131-2141.	3.4	4
17	Homologous Expression and Characterization of Î±-L-rhamnosidase from Aspergillus niger for the Transformation of Flavonoids. Applied Biochemistry and Biotechnology, 2022, 194, 3453-3467.	2.9	4
18	Isolation and structural characterization of a low-molecular-weight pectic polysaccharide SHPPB-1 isolated from sunflower heads. Journal of Carbohydrate Chemistry, 2016, 35, 273-285.	1.1	3

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19	Bioâ€preparation of (R)â€DMPM using whole cells of Pseudochrobactrum asaccharolyticum WZZ003 and its application on kilogramâ€scale synthesis of fungicide (R)â€metalaxyl. Biotechnology Progress, 2018, 34, 921-928.	2.6	3
20	Wholeâ€cell biocatalytic ofBacillus cereusWZZ006 strain to synthesis of indoxacarb intermediate: (S)â€5â€Chloroâ€1â€oxoâ€2,3â€dihydroâ€2â€hydroxyâ€1Hâ€indeneâ€2â€carboxylic acid methyl ester. Chirality, 2019, 31, 958-967.	2.6	3
21	A novel lipase from Aspergillus oryzae catalyzed resolution of (R , S)â€ethyl 2â€bromoisovalerate. Chirality, 2020, 32, 231-238.	2.6	3
22	Investigation on the acyl chain length specificity of lipase by gas chromatography assay. Chemical Papers, 2020, 74, 3039-3045.	2.2	2
23	Engineering the Activity of Old Yellow Enzyme NemR-PS for Efficient Reduction of (E/Z)-Citral to (S)-Citronellol. Catalysts, 2022, 12, 631.	3.5	2
24	Kinetic resolution of Nâ€acetylâ€DLâ€alanine methyl ester using immobilized <scp>Escherichia coli</scp> cells bearing recombinant esterase from <scp>Bacillus cereus</scp>. Chirality, 2018, 30, 907-912.	2.6	1
25	Semi-rational protein engineering of a novel esterase from Bacillus aryabhattai (BaCE) for resolution of (R,S)-ethyl indoline-2-carboxylate to prepare (S)-indoline-2-carboxylic acid. Bioorganic Chemistry, 2022, 120, 105602.	4.1	1
26	Engineering of Yarrowia lipolytica for producing pyruvate from glycerol. 3 Biotech, 2022, 12, 98.	2.2	0