

Yinjun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1678959/publications.pdf>

Version: 2024-02-01

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	Semi-rational protein engineering of a novel esterase from <i>Bacillus aryabhattai</i> (BaCE) for resolution of (R,S)-ethyl indoline-2-carboxylate to prepare (S)-indoline-2-carboxylic acid. <i>Bioorganic Chemistry</i> , 2022, 120, 105602.	4.1	1
2	Engineering of <i>Yarrowia lipolytica</i> for producing pyruvate from glycerol. <i>3 Biotech</i> , 2022, 12, 98.	2.2	0
3	Homologous Expression and Characterization of \pm -L-rhamnosidase from <i>Aspergillus niger</i> for the Transformation of Flavonoids. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 3453-3467.	2.9	4
4	Engineering the Activity of Old Yellow Enzyme NemR-PS for Efficient Reduction of (E/Z)-Citral to (S)-Citronellol. <i>Catalysts</i> , 2022, 12, 631.	3.5	2
5	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.	2.6	5
6	Effects of different extraction methods on structural and physicochemical properties of pectins from finger citron pomace. <i>Carbohydrate Polymers</i> , 2021, 258, 117662.	10.2	44
7	Enzymatic extraction of pectic oligosaccharides from finger citron (<i>Citrus medica</i> L. var.) Tj ETQq1 1 0.784314 rgBT /Overlock 9855-9865.	4.6	11
8	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.	2.9	6
9	A novel lipase from <i>Aspergillus oryzae</i> catalyzed resolution of (R, S)-ethyl 2-bromoisovalerate. <i>Chirality</i> , 2020, 32, 231-238.	2.6	3
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.	2.2	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.	3.4	4
12	Immobilization of Lipozyme TL 100L for methyl esterification of soybean oil deodorizer distillate. <i>3 Biotech</i> , 2020, 10, 51.	2.2	12
13	Investigation on the acyl chain length specificity of lipase by gas chromatography assay. <i>Chemical Papers</i> , 2020, 74, 3039-3045.	2.2	2
14	Emulsifying Properties of Polysaccharide Conjugates Prepared from Chin-Brick Tea. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 10165-10173.	5.2	48
15	Isolation of a <i>Bacillus Aryabhattai</i> Strain for the Resolution of (R, S)-Ethyl Indoline-2-Carboxylate to Produce (S)-Indoline-2-Carboxylic Acid. <i>Catalysts</i> , 2019, 9, 206.	3.5	5
16	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.	2.6	3
17	Purification, identification and characterization of an esterase with high enantioselectivity to (S)-ethyl indoline-2-carboxylate. <i>Biotechnology Letters</i> , 2019, 41, 1223-1232.	2.2	14
18	Purification and characterization of a thermoalkaliphilic esterase from <i>Bacillus cereus</i> WZZ006 for enantioselective resolution of indoxacarb intermediate. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 358-367.	7.5	5

#	ARTICLE	IF	CITATIONS
19	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.	1.3	17
20	Kinetic resolution of Nâ€acetylâ€DLâ€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.	2.6	1
21	Enantioselective Effects of Metalaxyl Enantiomers in Adolescent Rat Metabolic Profiles Using NMR-Based Metabolomics. <i>Environmental Science & Technology</i> , 2018, 52, 5438-5447.	10.0	41
22	Bioâ€preparation of (<i>R</i>)â€DMPM using whole cells of <i>Pseudochrobactrum asaccharolyticum</i> WZZ003 and its application on kilogramâ€scale synthesis of fungicide (<i>R</i>)â€metalaxyl. <i>Biotechnology Progress</i> , 2018, 34, 921-928.	2.6	3
23	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.	3.7	6
24	Fluorescent microplate assay method for high-throughput detection of lipase transesterification activity. <i>Analytical Biochemistry</i> , 2018, 549, 26-28.	2.4	6
25	The enzymatic resolution of 1â€(4â€chlorophenyl)ethylamine by Novozym 435 to prepare a novel triazolopyrimidine herbicide. <i>Chirality</i> , 2018, 30, 1225-1232.	2.6	8
26	Isolation and structural characterization of a low-molecular-weight pectic polysaccharide SHPPB-1 isolated from sunflower heads. <i>Journal of Carbohydrate Chemistry</i> , 2016, 35, 273-285.	1.1	3