

Ye Ni

List of Publications by Year in Descending Order

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

68
papers

1,871
citations

23
h-index

42
g-index

74
ext. papers

2,156
ext. citations

6.1
avg, IF

5.18
L-index

#	Paper	IF	Citations
68	Engineering of cyclodextrin glycosyltransferase from <i>Paenibacillus macerans</i> for enhanced product specificity of long-chain glycosylated sophoricosides. <i>Molecular Catalysis</i> , 2022 , 519, 112147	3.3	1
67	Stereodivergent evolution of KpADH for the asymmetric reduction of diaryl ketones with para-substituents. <i>Molecular Catalysis</i> , 2022 , 524, 112315	3.3	1
66	Co-immobilized Alcohol Dehydrogenase and Glucose Dehydrogenase with Resin Extraction for Continuous Production of Chiral Diaryl Alcohol. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 2742-2758	3.2	1
65	Kinetic Resolution of Nearly Symmetric 3-Cyclohexene-1-carboxylate Esters Using a Bacterial Carboxylesterase Identified by Genome Mining. <i>Organic Letters</i> , 2021 , 23, 3043-3047	6.2	0
64	High-Throughput Screening Method for Directed Evolution and Characterization of Aldol Activity of D-Threonine Aldolase. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 417-429	3.2	2
63	Engineering an Alcohol Dehydrogenase from <i>Kluyveromyces polyspora</i> for Efficient Synthesis of Ibrutinib Intermediate. <i>Advanced Synthesis and Catalysis</i> , 2021 ,	5.6	2
62	Coproduction of xylose and biobutanol from corn stover via recycling of sulfuric acid pretreatment solution. <i>Systems Microbiology and Biomanufacturing</i> , 2021 , 1, 200-207		2
61	Enhancing n-Butanol Tolerance of <i>Escherichia coli</i> by Overexpressing of Stress-Responsive Molecular Chaperones. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 257-270	3.2	2
60	Structure-based engineering of β -transaminase for enhanced catalytic efficiency toward (R)-(+)-1-(1-naphthyl)ethylamine synthesis. <i>Molecular Catalysis</i> , 2021 , 502, 111368	3.3	1
59	Two enantiocomplementary Baeyer-Villiger monooxygenases newly identified for asymmetric oxyfunctionalization of thioether. <i>Molecular Catalysis</i> , 2021 , 513, 111784	3.3	2
58	Sustainable one-pot chemo-enzymatic synthesis of chiral furan amino acid from biomass via magnetic solid acid and threonine aldolase. <i>Bioresource Technology</i> , 2021 , 337, 125344	11	2
57	Efficient microbial resolution of racemic methyl 3-cyclohexene-1-carboxylate as chiral precursor of Edoxaban by newly identified <i>Acinetobacter</i> sp. JNU9335. <i>Enzyme and Microbial Technology</i> , 2020 , 139, 109580	3.8	2
56	CRISPR-Cpf1-Assisted Engineering of <i>Corynebacterium glutamicum</i> SNK118 for Enhanced L-Ornithine Production by NADP-Dependent Glyceraldehyde-3-Phosphate Dehydrogenase and NADH-Dependent Glutamate Dehydrogenase. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 191, 955-967	3.2	2
55	Enhancing soluble expression of sucrose phosphorylase in <i>Escherichia coli</i> by molecular chaperones. <i>Protein Expression and Purification</i> , 2020 , 169, 105571	2	8
54	Molecular switch manipulating Prelog priority of an alcohol dehydrogenase toward bulky-bulky ketones. <i>Molecular Catalysis</i> , 2020 , 484, 110741	3.3	6
53	Structure-Guided Engineering of d-Carbamoylase Reveals a Key Loop at Substrate Entrance Tunnel. <i>ACS Catalysis</i> , 2020 , 10, 12393-12402	13.1	8
52	A novel carboxylesterase from <i>Acinetobacter</i> sp. JNU9335 for efficient biosynthesis of Edoxaban precursor with high substrate to catalyst ratio. <i>Bioresource Technology</i> , 2020 , 317, 123984	11	2

51	Facilely reducing recalcitrance of lignocellulosic biomass by a newly developed ethylamine-based deep eutectic solvent for biobutanol fermentation. <i>Biotechnology for Biofuels</i> , 2020 , 13, 166	7.8	11
50	Stereochemistry in Asymmetric Reduction of BulkyBulky Ketones by Alcohol Dehydrogenases. <i>ACS Catalysis</i> , 2020 , 10, 10954-10966	13.1	11
49	Engineering of Cyclodextrin Glycosyltransferase Reveals pH-Regulated Mechanism of Enhanced Long-Chain Glycosylated Sophoricoside Specificity. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	3
48	Engineering an Alcohol Dehydrogenase for Balancing Kinetics in NADPH Regeneration with 1,4-Butanediol as a Cosubstrate. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15706-15714	8.3	4
47	Composite coal fly ash solid acid catalyst in synergy with chloride for biphasic preparation of furfural from corn stover hydrolysate. <i>Bioresource Technology</i> , 2019 , 293, 122065	11	37
46	Enhancing butanol tolerance of reveals hydrophobic interaction of multi-tasking chaperone SecB. <i>Biotechnology for Biofuels</i> , 2019 , 12, 164	7.8	6
45	Hyperconjugation promoted by hydrogen bonding between His98/His241 and a carboxyl group contributes to tyrosine decarboxylase catalysis. <i>Catalysis Science and Technology</i> , 2019 , 9, 6222-6226	5.5	4
44	Metabolic engineering of <i>Corynebacterium glutamicum</i> for improved L-arginine synthesis by enhancing NADPH supply. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019 , 46, 45-54	4.2	16
43	Improving Soluble Expression of Tyrosine Decarboxylase from <i>Lactobacillus brevis</i> for Tyramine Synthesis with High Total Turnover Number. <i>Applied Biochemistry and Biotechnology</i> , 2019 , 188, 436-449 ^{3.2}	3.2	5
42	Detoxification of furfural residues hydrolysate for butanol fermentation by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , 2018 , 259, 40-45	11	18
41	Fine tuning the enantioselectivity and substrate specificity of alcohol dehydrogenase from <i>Kluyveromyces polysporus</i> by single residue at 237. <i>Catalysis Communications</i> , 2018 , 108, 1-6	3.2	12
40	Novel dihydrogen-bonding deep eutectic solvents: Pretreatment of rice straw for butanol fermentation featuring enzyme recycling and high solvent yield. <i>Chemical Engineering Journal</i> , 2018 , 333, 712-720	14.7	80
39	Identification of d-carbamoylase for biocatalytic cascade synthesis of d-tryptophan featuring high enantioselectivity. <i>Bioresource Technology</i> , 2018 , 249, 720-728	11	17
38	Hydroclassified Combinatorial Saturation Mutagenesis: Reshaping Substrate Binding Pockets of KpADH for Enantioselective Reduction of BulkyBulky Ketones. <i>ACS Catalysis</i> , 2018 , 8, 8336-8345	13.1	32
37	Genome hunting of carbonyl reductases from <i>Candida glabrata</i> for efficient preparation of chiral secondary alcohols. <i>Bioresource Technology</i> , 2018 , 247, 553-560	11	13
36	Structural Insight into Enantioselective Inversion of an Alcohol Dehydrogenase Reveals a "Polar Gate" in Stereorecognition of Diaryl Ketones. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12645-12654 ^{16.4}	16.4	57
35	Engineering coenzyme A-dependent pathway from <i>Clostridium saccharobutylicum</i> in <i>Escherichia coli</i> for butanol production. <i>Bioresource Technology</i> , 2017 , 235, 140-148	11	4
34	High production of genistein diglucoside derivative using cyclodextrin glycosyltransferase from <i>Paenibacillus macerans</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017 , 44, 1343-1354	4.2	10

33	Biobutanol production from corn stover hydrolysate pretreated with recycled ionic liquid by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , 2016 , 199, 228-234	11	60
32	Efficient access to L-phenylglycine using a newly identified amino acid dehydrogenase from <i>Bacillus clausii</i> . <i>RSC Advances</i> , 2016 , 6, 80557-80563	3.7	11
31	Crystal structure of tyrosine decarboxylase and identification of key residues involved in conformational swing and substrate binding. <i>Scientific Reports</i> , 2016 , 6, 27779	4.9	33
30	Characterization and Soluble Expression of D-Hydantoinase from <i>Pseudomonas fluorescens</i> for the Synthesis of D-Amino Acids. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 179, 1-15	3.2	18
29	Carbonyl group-dependent high-throughput screening and enzymatic characterization of diaromatic ketone reductase. <i>Catalysis Science and Technology</i> , 2016 , 6, 6320-6327	5.5	27
28	Simultaneous saccharification and fermentation of dilute alkaline-pretreated corn stover for enhanced butanol production by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	24
27	Enhancing cellulose accessibility of corn stover by deep eutectic solvent pretreatment for butanol fermentation. <i>Bioresource Technology</i> , 2016 , 203, 364-9	11	238
26	Enzymatic preparation of D-phenyllactic acid at high space-time yield with a novel phenylpyruvate reductase identified from <i>Lactobacillus</i> sp. CGMCC 9967. <i>Journal of Biotechnology</i> , 2016 , 222, 29-37	3.7	38
25	Cloning, Expression, and Characterization of budC Gene Encoding meso-2,3-Butanediol Dehydrogenase from <i>Bacillus licheniformis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016 , 178, 604-17	3.2	8
24	In situ expression of (R)-carbonyl reductase rebalancing an asymmetric pathway improves stereoconversion efficiency of racemic mixture to (S)-phenyl-1,2-ethanediol in <i>Candida parapsilosis</i> CCTCC M203011. <i>Microbial Cell Factories</i> , 2016 , 15, 143	6.4	2
23	DNA microarray of global transcription factor mutant reveals membrane-related proteins involved in n-butanol tolerance in <i>Escherichia coli</i> . <i>Biotechnology for Biofuels</i> , 2016 , 9, 114	7.8	30
22	Enhanced curdlan production with nitrogen feeding during polysaccharide synthesis by <i>Rhizobium radiobacter</i> . <i>Carbohydrate Polymers</i> , 2016 , 150, 385-91	10.3	23
21	Arginine deiminase: recent advances in discovery, crystal structure, and protein engineering for improved properties as an anti-tumor drug. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 4747-60	5.7	23
20	Bioreductive preparation of ACE inhibitors precursor (R)-2-hydroxy-4-phenylbutanoate esters: Recent advances and future perspectives. <i>Bioresources and Bioprocessing</i> , 2015 , 2,	5.2	12
19	PEGylation and pharmacological characterization of a potential anti-tumor drug, an engineered arginine deiminase originated from <i>Pseudomonas plecoglossicida</i> . <i>Cancer Letters</i> , 2015 , 357, 346-354	9.9	22
18	Significantly improved solvent tolerance of <i>Escherichia coli</i> by global transcription machinery engineering. <i>Microbial Cell Factories</i> , 2015 , 14, 175	6.4	34
17	Tyrosine decarboxylase from <i>Lactobacillus brevis</i> : soluble expression and characterization. <i>Protein Expression and Purification</i> , 2014 , 94, 33-9	2	27
16	Scalable biocatalytic synthesis of optically pure ethyl (R)-2-hydroxy-4-phenylbutyrate using a recombinant <i>E. coli</i> with high catalyst yield. <i>Journal of Biotechnology</i> , 2013 , 168, 493-8	3.7	32

15	Continuous butanol fermentation from inexpensive sugar-based feedstocks by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , 2013 , 129, 680-5	11	50
14	Novel stereoselective carbonyl reductase from <i>Kluyveromyces marxianus</i> for chiral alcohols synthesis. <i>Chemical Research in Chinese Universities</i> , 2013 , 29, 1140-1148	2.2	3
13	Proteomic analysis of <i>Pseudomonas putida</i> reveals an organic solvent tolerance-related gene mmsB. <i>PLoS ONE</i> , 2013 , 8, e55858	3.7	13
12	Production of a key chiral intermediate of Betahistine with a newly isolated <i>Kluyveromyces</i> sp. in an aqueous two-phase system. <i>Process Biochemistry</i> , 2012 , 47, 1042-1048	4.8	27
11	Butanol production from cane molasses by <i>Clostridium saccharobutylicum</i> DSM 13864: batch and semicontinuous fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 1896-907	3.2	53
10	Rapid evolution of arginine deiminase for improved anti-tumor activity. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 193-201	5.7	21
9	Inside Cover: A Potential Antitumor Drug (Arginine Deiminase) Reengineered for Efficient Operation under Physiological Conditions (ChemBioChem 16/2010). <i>ChemBioChem</i> , 2010 , 11, 2194-2194 ^{3.8}		
8	Succinic acid production from corn stover by simultaneous saccharification and fermentation using <i>Actinobacillus succinogenes</i> . <i>Bioresource Technology</i> , 2010 , 101, 7889-94	11	105
7	Extracellular recombinant protein production from <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2009 , 31, 1663-70		98
6	Recent progress on industrial fermentative production of acetone-butanol-ethanol by <i>Clostridium acetobutylicum</i> in China. <i>Applied Microbiology and Biotechnology</i> , 2009 , 83, 415-23	5.7	238
5	Expression of arginine deiminase from <i>Pseudomonas plecoglossicida</i> CGMCC2039 in <i>Escherichia coli</i> and its anti-tumor activity. <i>Current Microbiology</i> , 2009 , 58, 593-8	2.4	15
4	Arginine deiminase, a potential anti-tumor drug. <i>Cancer Letters</i> , 2008 , 261, 1-11	9.9	93
3	Isolation and identification of an arginine deiminase producing strain <i>Pseudomonas plecoglossicida</i> CGMCC2039. <i>World Journal of Microbiology and Biotechnology</i> , 2008 , 24, 2213-2219	4.4	18
2	Strategies of pH control and glucose-fed batch fermentation for production of succinic acid by <i>Actinobacillus succinogenes</i> CGMCC1593. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 722-729	3.5	91
1	Multi-enzyme cascade for sustainable synthesis of l-threo-phenylserine by modulating aldehydes inhibition and kinetic/thermodynamic controls. <i>Systems Microbiology and Biomanufacturing</i> , 1		