

Ye Ni

List of Publications by Year in descending order

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69
papers

2,444
citations

218381

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74
docs citations

74
times ranked

2960
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing cellulose accessibility of corn stover by deep eutectic solvent pretreatment for butanol fermentation. <i>Bioresource Technology</i> , 2016, 203, 364-369.	4.8	319
2	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, 415-423.	1.7	260
3	Succinic acid production from corn stover by simultaneous saccharification and fermentation using <i>Actinobacillus succinogenes</i> . <i>Bioresource Technology</i> , 2010, 101, 7889-7894.	4.8	125
4	Extracellular recombinant protein production from <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2009, 31, 1661-1670.	1.1	111
5	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.	6.6	106
6	Arginine deiminase, a potential anti-tumor drug. <i>Cancer Letters</i> , 2008, 261, 1-11.	3.2	105
7	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.	1.6	104
8	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.	6.6	87
9	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.	4.8	68
10	Butanol Production from Cane Molasses by <i>Clostridium saccharobutylicum</i> DSM 13864: Batch and Semicontinuous Fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1896-1907.	1.4	60
11	Continuous butanol fermentation from inexpensive sugar-based feedstocks by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , 2013, 129, 680-685.	4.8	57
12	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.	4.8	55
13	Hydroclassified Combinatorial Saturation Mutagenesis: Reshaping Substrate Binding Pockets of <i>KpADH</i> for Enantioselective Reduction of Bulky Ketones. <i>ACS Catalysis</i> , 2018, 8, 8336-8345.	5.5	51
14	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.	1.9	45
15	Crystal structure of tyrosine decarboxylase and identification of key residues involved in conformational swing and substrate binding. <i>Scientific Reports</i> , 2016, 6, 27779.	1.6	44
16	Significantly improved solvent tolerance of <i>Escherichia coli</i> by global transcription machinery engineering. <i>Microbial Cell Factories</i> , 2015, 14, 175.	1.9	40
17	Stereochemistry in Asymmetric Reduction of Bulky Ketones by Alcohol Dehydrogenases. <i>ACS Catalysis</i> , 2020, 10, 10954-10966.	5.5	40
18	Carbonyl group-dependent high-throughput screening and enzymatic characterization of diaromatic ketone reductase. <i>Catalysis Science and Technology</i> , 2016, 6, 6320-6327.	2.1	38

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19	Tyrosine decarboxylase from <i>Lactobacillus brevis</i> : Soluble expression and characterization. <i>Protein Expression and Purification</i> , 2014, 94, 33-39.	0.6	37
20	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, 493-498.	1.9	35
21	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.	6.2	35
22	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.	1.8	30
23	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.	3.2	30
24	Structure-Guided Engineering of d-Carbamoylase Reveals a Key Loop at Substrate Entrance Tunnel. <i>ACS Catalysis</i> , 2020, 10, 12393-12402.	5.5	30
25	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, 4747-4760.	1.7	29
26	Enhanced curdlan production with nitrogen feeding during polysaccharide synthesis by <i>Rhizobium radiobacter</i> . <i>Carbohydrate Polymers</i> , 2016, 150, 385-391.	5.1	28
27	Detoxification of furfural residues hydrolysate for butanol fermentation by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , 2018, 259, 40-45.	4.8	28
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, fnw003.	0.7	26
29	Metabolic engineering of <i>Corynebacterium glutamicum</i> for improved d-arginine synthesis by enhancing NADPH supply. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 45-54.	1.4	26
30	Identification of d-carbamoylase for biocatalytic cascade synthesis of d-tryptophan featuring high enantioselectivity. <i>Bioresource Technology</i> , 2018, 249, 720-728.	4.8	24
31	Rapid evolution of arginine deiminase for improved anti-tumor activity. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 193-201.	1.7	23
32	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.	6.2	23
33	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.	1.7	21
34	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, 593-598.	1.0	21
35	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.	1.4	21
36	Enhancing soluble expression of sucrose phosphorylase in <i>Escherichia coli</i> by molecular chaperones. <i>Protein Expression and Purification</i> , 2020, 169, 105571.	0.6	19

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37	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.	1.6	17
38	Proteomic Analysis of <i>Pseudomonas putida</i> Reveals an Organic Solvent Tolerance-Related Gene <i>mmsB</i> . <i>PLoS ONE</i> , 2013, 8, e55858.	1.1	16
39	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.	4.8	16
40	Efficient access to <i>l</i> -phenylglycine using a newly identified amino acid dehydrogenase from <i>Bacillus clausii</i> . <i>RSC Advances</i> , 2016, 6, 80557-80563.	1.7	15
41	Bioreductive preparation of ACE inhibitors precursor (R)-2-hydroxy-4-phenylbutanoate esters: Recent advances and future perspectives. <i>Bioresources and Bioprocessing</i> , 2015, 2, .	2.0	14
42	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.	1.4	14
43	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.	4.8	12
44	Cloning, Expression, and Characterization of <i>budC</i> Gene Encoding meso-2,3-Butanediol Dehydrogenase from <i>Bacillus licheniformis</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 604-617.	1.4	11
45	Enhancing butanol tolerance of <i>Escherichia coli</i> reveals hydrophobic interaction of multi-tasking chaperone <i>SecB</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 164.	6.2	11
46	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.	4.8	9
47	Molecular switch manipulating Prelog priority of an alcohol dehydrogenase toward bulky-bulky ketones. <i>Molecular Catalysis</i> , 2020, 484, 110741.	1.0	8
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.	3.2	7
49	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.	1.4	7
50	CRISPR-Cpf1-Assisted Engineering of <i>Corynebacterium glutamicum</i> SNK118 for Enhanced <i>l</i> -Ornithine Production by NADP-Dependent Glyceraldehyde-3-Phosphate Dehydrogenase and NADH-Dependent Glutamate Dehydrogenase. <i>Applied Biochemistry and Biotechnology</i> , 2020, 191, 955-967.	1.4	7
51	Engineering of Cyclodextrin Glycosyltransferase Reveals pH-Regulated Mechanism of Enhanced Long-Chain Glycosylated Sophoricoside Specificity. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	7
52	Engineering an Alcohol Dehydrogenase from <i>Kluyveromyces polyspora</i> for Efficient Synthesis of Ibrutinib Intermediate. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 332-340.	2.1	7
53	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.	1.4	7
54	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.	1.4	6

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55	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.	4.8	5
56	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.	2.1	5
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.	1.6	5
58	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.	1.5	5
59	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.	1.4	5
60	Structure-based engineering of 1%-transaminase for enhanced catalytic efficiency toward (R)-(+)-1-(1-naphthyl)ethylamine synthesis. <i>Molecular Catalysis</i> , 2021, 502, 111368.	1.0	5
61	Two enantiocomplementary Baeyer-Villiger monooxygenases newly identified for asymmetric oxyfunctionalization of thioether. <i>Molecular Catalysis</i> , 2021, 513, 111784.	1.0	5
62	Novel stereoselective carbonyl reductase from <i>Kluyveromyces marxianus</i> for chiral alcohols synthesis. <i>Chemical Research in Chinese Universities</i> , 2013, 29, 1140-1148.	1.3	4
63	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.	1.9	4
64	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.	2.4	3
65	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.	1.0	3
66	A novel deep eutectic solvent-mediated Fenton-like system for pretreatment of water hyacinth and biobutanol production. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	2
67	Stereodivergent evolution of KpADH for the asymmetric reduction of diaryl ketones with para-substituents. <i>Molecular Catalysis</i> , 2022, 524, 112315.	1.0	1
68	Inside Cover: A Potential Antitumor Drug (Arginine Deiminase) Reengineered for Efficient Operation under Physiological Conditions (<i>ChemBioChem</i> 16/2010). <i>ChemBioChem</i> , 2010, 11, 2194-2194.	1.3	0
69	Multi-enzyme cascade for sustainable synthesis of l-threo-phenylserine by modulating aldehydes inhibition and kinetic/thermodynamic controls. <i>Systems Microbiology and Biomanufacturing</i> , 0, , 1.	1.5	0