

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9521126/ye-ni-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Enhancing cellulose accessibility of corn stover by deep eutectic solvent pretreatment for butanol fermentation. <i>Bioresource Technology</i> , <b>2016</b> , 203, 364-9	11	238
67	Recent progress on industrial fermentative production of acetone-butanol-ethanol by <i>Clostridium acetobutylicum</i> in China. <i>Applied Microbiology and Biotechnology</i> , <b>2009</b> , 83, 415-23	5.7	238
66	Succinic acid production from corn stover by simultaneous saccharification and fermentation using <i>Actinobacillus succinogenes</i> . <i>Bioresource Technology</i> , <b>2010</b> , 101, 7889-94	11	105
65	Extracellular recombinant protein production from <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , <b>2009</b> , 31, 1663-70	9.70	98
64	Arginine deiminase, a potential anti-tumor drug. <i>Cancer Letters</i> , <b>2008</b> , 261, 1-11	9.9	93
63	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> , <b>2008</b> , 83, 722-729	3.5	91
62	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> , <b>2018</b> , 333, 712-720	14.7	80
61	Biobutanol production from corn stover hydrolysate pretreated with recycled ionic liquid by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , <b>2016</b> , 199, 228-234	11	60
60	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> , <b>2018</b> , 140, 12645-12654	16.4	57
59	Butanol production from cane molasses by <i>Clostridium saccharobutylicum</i> DSM 13864: batch and semicontinuous fermentation. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 166, 1896-907	3.2	53
58	Continuous butanol fermentation from inexpensive sugar-based feedstocks by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , <b>2013</b> , 129, 680-5	11	50
57	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> , <b>2016</b> , 222, 29-37	3.7	38
56	Composite coal fly ash solid acid catalyst in synergy with chloride for biphasic preparation of furfural from corn stover hydrolysate. <i>Bioresource Technology</i> , <b>2019</b> , 293, 122065	11	37
55	Significantly improved solvent tolerance of <i>Escherichia coli</i> by global transcription machinery engineering. <i>Microbial Cell Factories</i> , <b>2015</b> , 14, 175	6.4	34
54	Crystal structure of tyrosine decarboxylase and identification of key residues involved in conformational swing and substrate binding. <i>Scientific Reports</i> , <b>2016</b> , 6, 27779	4.9	33
53	Hydroclassified Combinatorial Saturation Mutagenesis: Reshaping Substrate Binding Pockets of KpADH for Enantioselective Reduction of Bulky Ketones. <i>ACS Catalysis</i> , <b>2018</b> , 8, 8336-8345	13.1	32
52	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> , <b>2013</b> , 168, 493-8	3.7	32

51	DNA microarray of global transcription factor mutant reveals membrane-related proteins involved in n-butanol tolerance in Escherichia coli. <i>Biotechnology for Biofuels</i> , <b>2016</b> , 9, 114	7.8	30
50	Carbonyl group-dependent high-throughput screening and enzymatic characterization of diaromatic ketone reductase. <i>Catalysis Science and Technology</i> , <b>2016</b> , 6, 6320-6327	5.5	27
49	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> , <b>2012</b> , 47, 1042-1048	4.8	27
48	Tyrosine decarboxylase from <i>Lactobacillus brevis</i> : soluble expression and characterization. <i>Protein Expression and Purification</i> , <b>2014</b> , 94, 33-9	2	27
47	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> , <b>2016</b> , 363,	2.9	24
46	Enhanced curdlan production with nitrogen feeding during polysaccharide synthesis by <i>Rhizobium radiobacter</i> . <i>Carbohydrate Polymers</i> , <b>2016</b> , 150, 385-91	10.3	23
45	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> , <b>2016</b> , 100, 4747-60	5.7	23
44	PEGylation and pharmacological characterization of a potential anti-tumor drug, an engineered arginine deiminase originated from <i>Pseudomonas plecoglossicida</i> . <i>Cancer Letters</i> , <b>2015</b> , 357, 346-354	9.9	22
43	Rapid evolution of arginine deiminase for improved anti-tumor activity. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 90, 193-201	5.7	21
42	Detoxification of furfural residues hydrolysate for butanol fermentation by <i>Clostridium saccharobutylicum</i> DSM 13864. <i>Bioresource Technology</i> , <b>2018</b> , 259, 40-45	11	18
41	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> , <b>2016</b> , 179, 1-15	3.2	18
40	Isolation and identification of an arginine deiminase producing strain <i>Pseudomonas plecoglossicida</i> CGMCC2039. <i>World Journal of Microbiology and Biotechnology</i> , <b>2008</b> , 24, 2213-2219	4.4	18
39	Identification of d-carbamoylase for biocatalytic cascade synthesis of d-tryptophan featuring high enantioselectivity. <i>Bioresource Technology</i> , <b>2018</b> , 249, 720-728	11	17
38	Metabolic engineering of <i>Corynebacterium glutamicum</i> for improved L-arginine synthesis by enhancing NADPH supply. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2019</b> , 46, 45-54	4.2	16
37	Expression of arginine deiminase from <i>Pseudomonas plecoglossicida</i> CGMCC2039 in <i>Escherichia coli</i> and its anti-tumor activity. <i>Current Microbiology</i> , <b>2009</b> , 58, 593-8	2.4	15
36	Proteomic analysis of <i>Pseudomonas putida</i> reveals an organic solvent tolerance-related gene <i>mmsB</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e55858	3.7	13
35	Genome hunting of carbonyl reductases from <i>Candida glabrata</i> for efficient preparation of chiral secondary alcohols. <i>Bioresource Technology</i> , <b>2018</b> , 247, 553-560	11	13
34	Bioreductive preparation of ACE inhibitors precursor (R)-2-hydroxy-4-phenylbutanoate esters: Recent advances and future perspectives. <i>Bioresources and Bioprocessing</i> , <b>2015</b> , 2,	5.2	12

33	Fine tuning the enantioselectivity and substrate specificity of alcohol dehydrogenase from <i>Kluyveromyces polysporus</i> by single residue at 237. <i>Catalysis Communications</i> , <b>2018</b> , 108, 1-6	3.2	12
32	Efficient access to L-phenylglycine using a newly identified amino acid dehydrogenase from <i>Bacillus clausii</i> . <i>RSC Advances</i> , <b>2016</b> , 6, 80557-80563	3.7	11
31	Facilely reducing recalcitrance of lignocellulosic biomass by a newly developed ethylamine-based deep eutectic solvent for biobutanol fermentation. <i>Biotechnology for Biofuels</i> , <b>2020</b> , 13, 166	7.8	11
30	Stereochemistry in Asymmetric Reduction of BulkyBulky Ketones by Alcohol Dehydrogenases. <i>ACS Catalysis</i> , <b>2020</b> , 10, 10954-10966	13.1	11
29	High production of genistein diglucoside derivative using cyclodextrin glycosyltransferase from <i>Paenibacillus macerans</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2017</b> , 44, 1343-1354	4.2	10
28	Enhancing soluble expression of sucrose phosphorylase in <i>Escherichia coli</i> by molecular chaperones. <i>Protein Expression and Purification</i> , <b>2020</b> , 169, 105571	2	8
27	Cloning, Expression, and Characterization of budC Gene Encoding meso-2,3-Butanediol Dehydrogenase from <i>Bacillus licheniformis</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2016</b> , 178, 604-17	3.2	8
26	Structure-Guided Engineering of d-Carbamoylase Reveals a Key Loop at Substrate Entrance Tunnel. <i>ACS Catalysis</i> , <b>2020</b> , 10, 12393-12402	13.1	8
25	Enhancing butanol tolerance of reveals hydrophobic interaction of multi-tasking chaperone SecB. <i>Biotechnology for Biofuels</i> , <b>2019</b> , 12, 164	7.8	6
24	Molecular switch manipulating Prelog priority of an alcohol dehydrogenase toward bulky-bulky ketones. <i>Molecular Catalysis</i> , <b>2020</b> , 484, 110741	3.3	6
23	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> , <b>2019</b> , 188, 436-449 <sup>3.2</sup>		5
22	Engineering coenzyme A-dependent pathway from <i>Clostridium saccharobutylicum</i> in <i>Escherichia coli</i> for butanol production. <i>Bioresource Technology</i> , <b>2017</b> , 235, 140-148	11	4
21	Engineering an Alcohol Dehydrogenase for Balancing Kinetics in NADPH Regeneration with 1,4-Butanediol as a Cosubstrate. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 15706-15714	8.3	4
20	Hyperconjugation promoted by hydrogen bonding between His98/His241 and a carboxyl group contributes to tyrosine decarboxylase catalysis. <i>Catalysis Science and Technology</i> , <b>2019</b> , 9, 6222-6226	5.5	4
19	Novel stereoselective carbonyl reductase from <i>Kluyveromyces marxianus</i> for chiral alcohols synthesis. <i>Chemical Research in Chinese Universities</i> , <b>2013</b> , 29, 1140-1148	2.2	3
18	Engineering of Cyclodextrin Glycosyltransferase Reveals pH-Regulated Mechanism of Enhanced Long-Chain Glycosylated Sophoricoside Specificity. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	3
17	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> , <b>2020</b> , 139, 109580	3.8	2
16	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> , <b>2020</b> , 191, 955-967	3.2	2

15	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> , <b>2020</b> , 317, 123984	11	2
14	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> , <b>2016</b> , 15, 143	6.4	2
13	High-Throughput Screening Method for Directed Evolution and Characterization of Aldol Activity of D-Threonine Aldolase. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 193, 417-429	3.2	2
12	Engineering an Alcohol Dehydrogenase from <i>Kluyveromyces polyspora</i> for Efficient Synthesis of Ibrutinib Intermediate. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> ,	5.6	2
11	Coproduction of xylose and biobutanol from corn stover via recycling of sulfuric acid pretreatment solution. <i>Systems Microbiology and Biomanufacturing</i> , <b>2021</b> , 1, 200-207		2
10	Enhancing n-Butanol Tolerance of <i>Escherichia coli</i> by Overexpressing of Stress-Responsive Molecular Chaperones. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 193, 257-270	3.2	2
9	Two enantiocomplementary Baeyer-Villiger monooxygenases newly identified for asymmetric oxyfunctionalization of thioether. <i>Molecular Catalysis</i> , <b>2021</b> , 513, 111784	3.3	2
8	Sustainable one-pot chemo-enzymatic synthesis of chiral furan amino acid from biomass via magnetic solid acid and threonine aldolase. <i>Bioresource Technology</i> , <b>2021</b> , 337, 125344	11	2
7	Engineering of cyclodextrin glycosyltransferase from <i>Paenibacillus macerans</i> for enhanced product specificity of long-chain glycosylated sophoricosides. <i>Molecular Catalysis</i> , <b>2022</b> , 519, 112147	3.3	1
6	Co-immobilized Alcohol Dehydrogenase and Glucose Dehydrogenase with Resin Extraction for Continuous Production of Chiral Diaryl Alcohol. <i>Applied Biochemistry and Biotechnology</i> , <b>2021</b> , 193, 2742-2758	3.2	1
5	Structure-based engineering of $\beta$ -transaminase for enhanced catalytic efficiency toward (R)-(+)-1-(1-naphthyl)ethylamine synthesis. <i>Molecular Catalysis</i> , <b>2021</b> , 502, 111368	3.3	1
4	Stereodivergent evolution of KpADH for the asymmetric reduction of diaryl ketones with para-substituents. <i>Molecular Catalysis</i> , <b>2022</b> , 524, 112315	3.3	1
3	Kinetic Resolution of Nearly Symmetric 3-Cyclohexene-1-carboxylate Esters Using a Bacterial Carboxylesterase Identified by Genome Mining. <i>Organic Letters</i> , <b>2021</b> , 23, 3043-3047	6.2	0
2	Inside Cover: A Potential Antitumor Drug (Arginine Deiminase) Reengineered for Efficient Operation under Physiological Conditions (ChemBioChem 16/2010). <i>ChemBioChem</i> , <b>2010</b> , 11, 2194-2194	3.8	
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		