

# Qingyang Xu

## List of Publications by Year in descending order

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46  
papers

843  
citations

566801

15  
h-index

525886

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all docs

46  
docs citations

46  
times ranked

596  
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#	ARTICLE	IF	CITATIONS
1	Current status on metabolic engineering for the production of l-aspartate family amino acids and derivatives. <i>Bioresource Technology</i> , 2017, 245, 1588-1602.	4.8	107
2	Pathway construction and metabolic engineering for fermentative production of ectoine in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2016, 36, 10-18.	3.6	69
3	Systems metabolic engineering strategies for the production of amino acids. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 87-96.	1.8	56
4	Metabolic engineering of <i>Escherichia coli</i> for high-yield uridine production. <i>Metabolic Engineering</i> , 2018, 49, 248-256.	3.6	52
5	High production of 4-hydroxyisoleucine in <i>Corynebacterium glutamicum</i> by multistep metabolic engineering. <i>Metabolic Engineering</i> , 2018, 49, 287-298.	3.6	50
6	Modification of tryptophan transport system and its impact on production of l-tryptophan in <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2012, 114, 549-554.	4.8	49
7	Metabolic engineering of an auto-regulated <i>Corynebacterium glutamicum</i> chassis for biosynthesis of 5-aminolevulinic acid. <i>Bioresource Technology</i> , 2020, 318, 124064.	4.8	36
8	Efficient fermentative production of l-theanine by <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 119-130.	1.7	31
9	High-level production of l-homoserine using a non-induced, non-auxotrophic <i>Escherichia coli</i> chassis through metabolic engineering. <i>Bioresource Technology</i> , 2021, 327, 124814.	4.8	31
10	An update of the suicide plasmid-mediated genome editing system in <i>Corynebacterium glutamicum</i> . <i>Microbial Biotechnology</i> , 2019, 12, 907-919.	2.0	29
11	Production of $\gamma$ -ketobutyrate using engineered <i>Escherichia coli</i> via temperature shift. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2054-2059.	1.7	23
12	CRISPRi-Based Dynamic Control of Carbon Flow for Efficient N-Acetyl Glucosamine Production and Its Metabolomic Effects in <i>Escherichia coli</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3203-3213.	2.4	22
13	Optimization of carbon source and glucose feeding strategy for improvement of L-isoleucine production by <i>Escherichia coli</i> . <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 374-380.	0.5	19
14	Reducing lactate secretion by <i>ldhA</i> Deletion in L-glutamate-producing strain <i>Corynebacterium glutamicum</i> GDK-9. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 1477-1483.	0.8	16
15	Gene modification of the acetate biosynthesis pathway in <i>Escherichia coli</i> and implementation of the cell recycling technology to increase L-tryptophan production. <i>PLoS ONE</i> , 2017, 12, e0179240.	1.1	16
16	A strategy for L-isoleucine dioxygenase screening and 4-hydroxyisoleucine production by resting cells. <i>Bioengineered</i> , 2018, 9, 72-79.	1.4	16
17	Highly Efficient Production of N-Acetyl-glucosamine in <i>Escherichia coli</i> by Appropriate Catabolic Division of Labor in the Utilization of Mixed Glycerol/Glucose Carbon Sources. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 5966-5975.	2.4	16
18	Improvement of the production of L-tryptophan in <i>Escherichia coli</i> by application of a dissolved oxygen stage control strategy. <i>Annals of Microbiology</i> , 2016, 66, 843-854.	1.1	15

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19	Multiple-step chromosomal integration of divided segments from a large DNA fragment via CRISPR/Cas9 in <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 81-90.	1.4	15
20	Enhancing the efficiency of L-tyrosine by repeated batch fermentation. <i>Bioengineered</i> , 2020, 11, 852-861.	1.4	15
21	Strategy for enhancing adenosine production under the guidance of transcriptional and metabolite pool analysis. <i>Biotechnology Letters</i> , 2015, 37, 1361-1369.	1.1	13
22	Efficient production of L-ketoglutarate in the <i>gdh</i> deleted <i>Corynebacterium glutamicum</i> by novel double-phase pH and biotin control strategy. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 967-976.	1.7	13
23	Comparative Genomic and Genetic Functional Analysis of Industrial L-Leucine <sup>+</sup> and L-Valine <sup>-</sup> Producing <i>Corynebacterium glutamicum</i> Strains. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1916-1927.	0.9	13
24	Fermentation characterization of an L-tryptophan producing <i>Escherichia coli</i> strain with inactivated phosphotransacetylase. <i>Annals of Microbiology</i> , 2013, 63, 1219-1224.	1.1	12
25	Utilization of acid hydrolysate of recovered bacterial cell as a novel organic nitrogen source for L-tryptophan fermentation. <i>Bioengineered</i> , 2019, 10, 23-32.	1.4	11
26	Central metabolic pathway modification to improve L-tryptophan production in <i>Escherichia coli</i> . <i>Bioengineered</i> , 2019, 10, 59-70.	1.4	11
27	Metabolic engineering of <i>Escherichia coli</i> for efficient osmotic stress-free production of compatible solute hydroxyectoine. <i>Biotechnology and Bioengineering</i> , 2022, 119, 89-101.	1.7	9
28	Removing the by-products acetic acid and NH <sub>4</sub> <sup>+</sup> from the L-tryptophan broth by vacuum thin film evaporation during L-tryptophan production. <i>Electronic Journal of Biotechnology</i> , 2018, 33, 46-51.	1.2	8
29	Double deletion of <i>murA</i> and <i>murB</i> induced temperature sensitivity in <i>Corynebacterium glutamicum</i> . <i>Bioengineered</i> , 2019, 10, 561-573.	1.4	8
30	Pathway engineering of <i>Escherichia coli</i> for one-step fermentative production of L-theanine from sugars and ethylamine. <i>Metabolic Engineering Communications</i> , 2020, 11, e00151.	1.9	8
31	Complete genome sequence of <i>Corynebacterium glutamicum</i> CP, a Chinese L-leucine producing strain. <i>Journal of Biotechnology</i> , 2016, 220, 64-65.	1.9	7
32	Mutation of genes for cell membrane synthesis in <i>Corynebacterium glutamicum</i> causes temperature-sensitive trait and promotes L-glutamate excretion. <i>Biotechnology and Biotechnological Equipment</i> , 2020, 34, 38-47.	0.5	7
33	Effect of low-level ultrasound treatment on the production of L-leucine by <i>Corynebacterium glutamicum</i> in fed-batch culture. <i>Bioengineered</i> , 2021, 12, 1078-1090.	1.4	7
34	Sustainable production of 4-hydroxyisoleucine with minimised carbon loss by simultaneously utilising glucose and xylose in engineered <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2022, 354, 127196.	4.8	7
35	Effect of fed-batch and chemostat cultivation processes of <i>C. glutamicum</i> CP for L-leucine production. <i>Bioengineered</i> , 2021, 12, 426-439.	1.4	6
36	New strategy for removing acetic acid as a by-product during L-tryptophan production. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 1471-1480.	0.5	4

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37	Mutagenetic study of a novel inosine monophosphate dehydrogenase from <i>Bacillus amyloliquefaciens</i> and its possible application in guanosine production. <i>Biotechnology and Biotechnological Equipment</i> , 2014, 28, 102-106.	0.5	3
38	Using enzymatic hydrolyzate as new nitrogen source for L-tryptophan fermentation by E.coli. <i>Bioengineered</i> , 2020, 11, 1-10.	1.4	3
39	Effect of sodium dodecyl sulfate on the production of L-isoleucine by the fermentation of <i>Corynebacterium glutamicum</i> . <i>Bioengineered</i> , 2020, 11, 1124-1136.	1.4	3
40	Improving the L-tyrosine production with application of repeated batch fermentation technology based on a novel centrifuge bioreactor. <i>Food and Bioproducts Processing</i> , 2021, 126, 3-11.	1.8	3
41	Effects of <i>aroP</i> gene disruption on L-tryptophan fermentation. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 158-162.	2.3	2
42	A new method to recover L-tyrosine from E. coli fermentation broth. <i>Bioengineered</i> , 2020, 11, 1080-1083.	1.4	2
43	Molecular Cloning, Expression and Enzymatic Characterization of Inosine Monophosphate Dehydrogenase from <i>Bacillus amyloliquefaciens</i> . <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, ...	0.0	0
44	Study on bacterium body shape inspection based on image processing for monitoring and controlling fermentation process of branched chain amino acid. , 2010, , .		0
45	Modification of <i>Corynebacterium glutamicum</i> YILW for Isoleucine Production Improvement. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 495-504.	0.3	0
46	Generation of an induced pluripotent stem cell line SYSUi-004-A from a child of microcephaly with TYW1 mutations. <i>Stem Cell Research</i> , 2020, 45, 101783.	0.3	0