

Qingyang Xu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.3	9
2	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.	9.6	7
3	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.	3.6	3
4	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.	3.2	6
5	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.	9.6	31
6	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.	5.2	16
7	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.	3.2	7
8	Using enzymatic hydrolyzate as new nitrogen source for L-tryptophan fermentation by <i>E.coli</i> . <i>Bioengineered</i> , 2020, 11, 1-10.	3.2	3
9	Efficient fermentative production of L-theanine by <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 119-130.	3.6	31
10	Metabolic engineering of an auto-regulated <i>Corynebacterium glutamicum</i> chassis for biosynthesis of 5-aminolevulinic acid. <i>Bioresource Technology</i> , 2020, 318, 124064.	9.6	36
11	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.	3.2	3
12	A new method to recover L-tyrosine from <i>E. coli</i> fermentation broth. <i>Bioengineered</i> , 2020, 11, 1080-1083.	3.2	2
13	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.	3.6	8
14	Enhancing the efficiency of L-tyrosine by repeated batch fermentation. <i>Bioengineered</i> , 2020, 11, 852-861.	3.2	15
15	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.	5.2	22
16	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.	1.3	7
17	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.	0.7	0
18	New strategy for removing acetic acid as a by-product during L-tryptophan production. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 1471-1480.	1.3	4

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19	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.	3.2	8
20	An update of the suicide plasmid-mediated genome editing system in <i>Corynebacterium glutamicum</i> . <i>Microbial Biotechnology</i> , 2019, 12, 907-919.	4.2	29
21	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.	3.2	11
22	Central metabolic pathway modification to improve L-tryptophan production in <i>Escherichia coli</i> . <i>Bioengineered</i> , 2019, 10, 59-70.	3.2	11
23	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.	3.0	15
24	A strategy for L-isoleucine dioxygenase screening and 4-hydroxyisoleucine production by resting cells. <i>Bioengineered</i> , 2018, 9, 72-79.	3.2	16
25	Modification of <i>Corynebacterium glutamicum</i> YILW for Isoleucine Production Improvement. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 495-504.	0.4	0
26	High production of 4-hydroxyisoleucine in <i>Corynebacterium glutamicum</i> by multistep metabolic engineering. <i>Metabolic Engineering</i> , 2018, 49, 287-298.	7.0	50
27	Metabolic engineering of <i>Escherichia coli</i> for high-yield uridine production. <i>Metabolic Engineering</i> , 2018, 49, 248-256.	7.0	52
28	Removing the by-products acetic acid and NH ₄ ⁺ from the L-tryptophan broth by vacuum thin film evaporation during L-tryptophan production. <i>Electronic Journal of Biotechnology</i> , 2018, 33, 46-51.	2.2	8
29	Comparative Genomic and Genetic Functional Analysis of Industrial L-Leucine- and L-Valine-Producing <i>Corynebacterium glutamicum</i> Strains. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1916-1927.	2.1	13
30	Current status on metabolic engineering for the production of L-aspartate family amino acids and derivatives. <i>Bioresource Technology</i> , 2017, 245, 1588-1602.	9.6	107
31	Systems metabolic engineering strategies for the production of amino acids. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 87-96.	3.7	56
32	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.	2.5	16
33	Production of L-ketobutyrate using engineered <i>Escherichia coli</i> via temperature shift. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2054-2059.	3.3	23
34	Complete genome sequence of <i>Corynebacterium glutamicum</i> CP, a Chinese L-leucine producing strain. <i>Journal of Biotechnology</i> , 2016, 220, 64-65.	3.8	7
35	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.	3.4	13
36	Pathway construction and metabolic engineering for fermentative production of ectoine in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2016, 36, 10-18.	7.0	69

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37	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.	2.6	15
38	Strategy for enhancing adenosine production under the guidance of transcriptional and metabolite pool analysis. <i>Biotechnology Letters</i> , 2015, 37, 1361-1369.	2.2	13
39	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.	1.3	19
40	Reducing lactate secretion by <i>IdhA</i> Deletion in L-glutamate- producing strain <i>Corynebacterium glutamicum</i> GDK-9. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 1477-1483.	2.0	16
41	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.	1.3	3
42	Fermentation characterization of an L-tryptophan producing <i>Escherichia coli</i> strain with inactivated phosphotransacetylase. <i>Annals of Microbiology</i> , 2013, 63, 1219-1224.	2.6	12
43	Effects of <i>aroP</i> gene disruption on L-tryptophan fermentation. <i>Frontiers of Chemical Science and Engineering</i> , 2012, 6, 158-162.	4.4	2
44	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.	9.6	49
45	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
46	Study on bacterium body shape inspection based on image processing for monitoring and controlling fermentation process of branched chain amino acid. , 2010, , .		0