Qingyang Xu

List of Publications by Year in descending order

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Οινογάνο Χιι

#	Article	IF	CITATIONS
1	Current status on metabolic engineering for the production of l-aspartate family amino acids and derivatives. Bioresource Technology, 2017, 245, 1588-1602.	9.6	107
2	Pathway construction and metabolic engineering for fermentative production of ectoine in Escherichia coli. Metabolic Engineering, 2016, 36, 10-18.	7.0	69
3	Systems metabolic engineering strategies for the production of amino acids. Synthetic and Systems Biotechnology, 2017, 2, 87-96.	3.7	56
4	Metabolic engineering of Escherichia coli for high-yield uridine production. Metabolic Engineering, 2018, 49, 248-256.	7.0	52
5	High production of 4-hydroxyisoleucine in Corynebacterium glutamicum by multistep metabolic engineering. Metabolic Engineering, 2018, 49, 287-298.	7.0	50
6	Modification of tryptophan transport system and its impact on production of l-tryptophan in Escherichia coli. Bioresource Technology, 2012, 114, 549-554.	9.6	49
7	Metabolic engineering of an auto-regulated Corynebacterium glutamicum chassis for biosynthesis of 5-aminolevulinic acid. Bioresource Technology, 2020, 318, 124064.	9.6	36
8	Efficient fermentative production of l-theanine by Corynebacterium glutamicum. Applied Microbiology and Biotechnology, 2020, 104, 119-130.	3.6	31
9	High-level production of l-homoserine using a non-induced, non-auxotrophic Escherichia coli chassis through metabolic engineering. Bioresource Technology, 2021, 327, 124814.	9.6	31
10	An update of the suicide plasmidâ€mediated genome editing system in <i>Corynebacterium glutamicum</i> . Microbial Biotechnology, 2019, 12, 907-919.	4.2	29
11	Production of αâ€ketobutyrate using engineered <i>Escherichia coli</i> via temperature shift. Biotechnology and Bioengineering, 2016, 113, 2054-2059.	3.3	23
12	CRISPRi-Based Dynamic Control of Carbon Flow for Efficient <i>N</i> -Acetyl Glucosamine Production and Its Metabolomic Effects in <i>Escherichia coli</i> . Journal of Agricultural and Food Chemistry, 2020, 68, 3203-3213.	5.2	22
13	Optimization of carbon source and glucose feeding strategy for improvement of L-isoleucine production by <i>Escherichia coli</i> . Biotechnology and Biotechnological Equipment, 2015, 29, 374-380.	1.3	19
14	Reducing lactate secretion by ldhA Deletion in L-glutamate- producing strain Corynebacterium glutamicum GDK-9. Brazilian Journal of Microbiology, 2014, 45, 1477-1483.	2.0	16
15	Gene modification of the acetate biosynthesis pathway in Escherichia coli and implementation of the cell recycling technology to increase L-tryptophan production. PLoS ONE, 2017, 12, e0179240.	2.5	16
16	A strategy for L-isoleucine dioxygenase screening and 4-hydroxyisoleucine production by resting cells. Bioengineered, 2018, 9, 72-79.	3.2	16
17	Highly Efficient Production of <i>N</i> -Acetyl-glucosamine in <i>Escherichia coli</i> by Appropriate Catabolic Division of Labor in the Utilization of Mixed Glycerol/Glucose Carbon Sources. Journal of Agricultural and Food Chemistry, 2021, <u>69, 5966-5975.</u>	5.2	16
18	Improvement of the production of L-tryptophan in Escherichia coli by application of a dissolved oxygen stage control strategy. Annals of Microbiology, 2016, 66, 843-854.	2.6	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> . Journal of Industrial Microbiology and Biotechnology, 2019, 46, 81-90.	3.0	15
20	Enhancing the efficiency of L-tyrosine by repeated batch fermentation. Bioengineered, 2020, 11, 852-861.	3.2	15
21	Strategy for enhancing adenosine production under the guidance of transcriptional and metabolite pool analysis. Biotechnology Letters, 2015, 37, 1361-1369.	2.2	13
22	Efficient production of α-ketoglutarate in the gdh deleted Corynebacterium glutamicum by novel double-phase pH and biotin control strategy. Bioprocess and Biosystems Engineering, 2016, 39, 967-976.	3.4	13
23	Comparative Genomic and Genetic Functional Analysis of Industrial L-Leucine– and L-Valine–Producing Corynebacterium glutamicum Strains. Journal of Microbiology and Biotechnology, 2018, 28, 1916-1927.	2.1	13
24	Fermentation characterization of an L-tryptophan producing Escherichia coli strain with inactivated phosphotransacetylase. Annals of Microbiology, 2013, 63, 1219-1224.	2.6	12
25	Utilization of acid hydrolysate of recovered bacterial cell as a novel organic nitrogen source for L-tryptophan fermentation. Bioengineered, 2019, 10, 23-32.	3.2	11
26	Central metabolic pathway modification to improve L-tryptophan production in <i>Escherichia coli</i> . Bioengineered, 2019, 10, 59-70.	3.2	11
27	Metabolic engineering of <i>Escherichia coli</i> for efficient osmotic stressâ€free production of compatible solute hydroxyectoine. Biotechnology and Bioengineering, 2022, 119, 89-101.	3.3	9
28	Removing the by-products acetic acid and NH 4 + from the l -tryptophan broth by vacuum thin film evaporation during l -tryptophan production. Electronic Journal of Biotechnology, 2018, 33, 46-51.	2.2	8
29	Double deletion of <i>murA</i> and <i>murB</i> induced temperature sensitivity in <i>Corynebacterium glutamicum</i> . Bioengineered, 2019, 10, 561-573.	3.2	8
30	Pathway engineering of Escherichia coli for one-step fermentative production of L-theanine from sugars and ethylamine. Metabolic Engineering Communications, 2020, 11, e00151.	3.6	8
31	Complete genome sequence of Corynebacterium glutamicum CP, a Chinese l-leucine producing strain. Journal of Biotechnology, 2016, 220, 64-65.	3.8	7
32	Mutation of genes for cell membrane synthesis in <i>Corynebacterium glutamicum</i> causes temperature-sensitive trait and promotes L-glutamate excretion. Biotechnology and Biotechnological Equipment, 2020, 34, 38-47.	1.3	7
33	Effect of low-level ultrasound treatment on the production of L-leucine by <i>Corynebacterium glutamicum</i> in fed-batch culture. Bioengineered, 2021, 12, 1078-1090.	3.2	7
34	Sustainable production of 4-hydroxyisoleucine with minimised carbon loss by simultaneously utilising glucose and xylose in engineered Escherichia coli. Bioresource Technology, 2022, 354, 127196.	9.6	7
35	Effect of fed-batch and chemostat cultivation processes of <i>C. glutamicum</i> CP for L-leucine production. Bioengineered, 2021, 12, 426-439.	3.2	6
36	New strategy for removing acetic acid as a by-product during L-tryptophan production. Biotechnology and Biotechnological Equipment, 2019, 33, 1471-1480.	1.3	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. Biotechnology and Biotechnological Equipment, 2014, 28, 102-106.	1.3	3
38	Using enzymatic hydrolyzate as new nitrogen source for L-tryptophan fermentation by E.coli. Bioengineered, 2020, 11, 1-10.	3.2	3
39	Effect of sodium dodecyl sulfate on the production of L-isoleucine by the fermentation of <i>Corynebacterium glutamicum</i> . Bioengineered, 2020, 11, 1124-1136.	3.2	3
40	Improving the L-tyrosine production with application of repeated batch fermentation technology based on a novel centrifuge bioreactor. Food and Bioproducts Processing, 2021, 126, 3-11.	3.6	3
41	Effects of aroP gene disruption on L-tryptophan fermentation. Frontiers of Chemical Science and Engineering, 2012, 6, 158-162.	4.4	2
42	A new method to recover L-tyrosine from E. coli fermentation broth. Bioengineered, 2020, 11, 1080-1083.	3.2	2
43	Molecular Cloning, Expression and Enzymatic Characterization of Inosine Monophosphate Dehydrogenase from Bacillus amyloliquefaciens. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 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 Corynebacterium glutamicum YILW for Isoleucine Production Improvement. Lecture Notes in Electrical Engineering, 2018, , 495-504.	0.4	0
46	Generation of an induced pluripotent stem cell line SYSUi-004-A from a child of microcephaly with TYW1 mutations. Stem Cell Research, 2020, 45, 101783.	0.7	0