

Qingyang Xu

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44
papers

479
citations

13
h-index

20
g-index

46
ext. papers

645
ext. citations

5.2
avg, IF

3.76
L-index

#	Paper	IF	Citations
44	Current status on metabolic engineering for the production of l-aspartate family amino acids and derivatives. <i>Bioresource Technology</i> , 2017 , 245, 1588-1602	11	60
43	Pathway construction and metabolic engineering for fermentative production of ectoine in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2016 , 36, 10-18	9.7	45
42	Modification of tryptophan transport system and its impact on production of L-tryptophan in <i>Escherichia coli</i> . <i>Bioresource Technology</i> , 2012 , 114, 549-54	11	37
41	Systems metabolic engineering strategies for the production of amino acids. <i>Synthetic and Systems Biotechnology</i> , 2017 , 2, 87-96	4.2	36
40	High production of 4-hydroxyisoleucine in <i>Corynebacterium glutamicum</i> by multistep metabolic engineering. <i>Metabolic Engineering</i> , 2018 , 49, 287-298	9.7	34
39	Metabolic engineering of <i>Escherichia coli</i> for high-yield uridine production. <i>Metabolic Engineering</i> , 2018 , 49, 248-256	9.7	23
38	Production of β -ketobutyrate using engineered <i>Escherichia coli</i> via temperature shift. <i>Biotechnology and Bioengineering</i> , 2016 , 113, 2054-9	4.9	18
37	Efficient fermentative production of L-theanine by <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 119-130	5.7	17
36	Metabolic engineering of an auto-regulated <i>Corynebacterium glutamicum</i> chassis for biosynthesis of 5-aminolevulinic acid. <i>Bioresource Technology</i> , 2020 , 318, 124064	11	16
35	Optimization of carbon source and glucose feeding strategy for improvement of L-isoleucine production by. <i>Biotechnology and Biotechnological Equipment</i> , 2015 , 29, 374-380	1.6	15
34	An update of the suicide plasmid-mediated genome editing system in <i>Corynebacterium glutamicum</i> . <i>Microbial Biotechnology</i> , 2019 , 12, 907-919	6.3	14
33	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	3.2	14
32	A strategy for L-isoleucine dioxygenase screening and 4-hydroxyisoleucine production by resting cells. <i>Bioengineered</i> , 2018 , 9, 72-79	5.7	13
31	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	5.7	11
30	Strategy for enhancing adenosine production under the guidance of transcriptional and metabolite pool analysis. <i>Biotechnology Letters</i> , 2015 , 37, 1361-9	3	11
29	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	3.7	11
28	CRISPRi-Based Dynamic Control of Carbon Flow for Efficient -Acetyl Glucosamine Production and Its Metabolomic Effects in. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 3203-3213	5.7	10

27	Comparative Genomic and Genetic Functional Analysis of Industrial L-Leucine- and L-Valine-Producing Strains. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 1916-1927	3.3	10
26	Efficient production of Eketoglutarate in the gdh deleted <i>Corynebacterium glutamicum</i> by novel double-phase pH and biotin control strategy. <i>Bioprocess and Biosystems Engineering</i> , 2016 , 39, 967-76	3.7	9
25	Fermentation characterization of an L-tryptophan producing <i>Escherichia coli</i> strain with inactivated phosphotransacetylase. <i>Annals of Microbiology</i> , 2013 , 63, 1219-1224	3.2	9
24	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	11	9
23	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	3.1	7
22	Reducing lactate secretion by ldhA Deletion in L-glutamate- producing strain <i>Corynebacterium glutamicum</i> GDK-9. <i>Brazilian Journal of Microbiology</i> , 2014 , 45, 1477-83	2.2	7
21	Central metabolic pathway modification to improve L-tryptophan production in <i>Escherichia coli</i> . <i>Bioengineered</i> , 2019 , 10, 59-70	5.7	6
20	Complete genome sequence of <i>Corynebacterium glutamicum</i> CP, a Chinese l-leucine producing strain. <i>Journal of Biotechnology</i> , 2016 , 220, 64-5	3.7	6
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	4.2	6
18	Enhancing the efficiency of L-tyrosine by repeated batch fermentation. <i>Bioengineered</i> , 2020 , 11, 852-861	5.7	4
17	Highly Efficient Production of -Acetyl-glucosamine in 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	5.7	4
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	1.6	3
15	New strategy for removing acetic acid as a by-product during L-tryptophan production. <i>Biotechnology and Biotechnological Equipment</i> , 2019 , 33, 1471-1480	1.6	3
14	Mutagenetic study of a novel inosine monophosphate dehydrogenase from and its possible application in guanosine production. <i>Biotechnology and Biotechnological Equipment</i> , 2014 , 28, 102-106	1.6	3
13	Pathway engineering of for one-step fermentative production of L-theanine from sugars and ethylamine. <i>Metabolic Engineering Communications</i> , 2020 , 11, e00151	6.5	2
12	Double deletion of and induced temperature sensitivity in. <i>Bioengineered</i> , 2019 , 10, 561-573	5.7	1
11	Effects of aroP gene disruption on L-tryptophan fermentation. <i>Frontiers of Chemical Science and Engineering</i> , 2012 , 6, 158-162	4.5	1
10	Using enzymatic hydrolyzate as new nitrogen source for L-tryptophan fermentation by E.coli. <i>Bioengineered</i> , 2020 , 11, 1-10	5.7	1

9	A new method to recover L-tyrosine from fermentation broth. <i>Bioengineered</i> , 2020 , 11, 1080-1083	5.7	1
8	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	4.9	1
7	Effect of low-level ultrasound treatment on the production of L-leucine by in fed-batch culture. <i>Bioengineered</i> , 2021 , 12, 1078-1090	5.7	1
6	Metabolic engineering of Escherichia coli for efficient osmotic stress-free production of compatible solute hydroxyectoine. <i>Biotechnology and Bioengineering</i> , 2022 , 119, 89-101	4.9	0
5	Effect of sodium dodecyl sulfate on the production of L-isoleucine by the fermentation of. <i>Bioengineered</i> , 2020 , 11, 1124-1136	5.7	0
4	Effect of fed-batch and chemostat cultivation processes of CP for L-leucine production. <i>Bioengineered</i> , 2021 , 12, 426-439	5.7	0
3	Sustainable production of 4-hydroxyisoleucine with minimised carbon loss by simultaneously utilising glucose and xylose in engineered Escherichia coli.. <i>Bioresource Technology</i> , 2022 , 127196	11	0
2	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	1.6	
1	Modification of Corynebacterium glutamicum YILW for Isoleucine Production Improvement. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 495-504	0.2	