

Quanli Liu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

847
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Reprogramming Yeast Metabolism from Alcoholic Fermentation to Lipogenesis. <i>Cell</i> , 2018, 174, 1549-1558.e14.	28.9	215
2	Rewiring carbon metabolism in yeast for high level production of aromatic chemicals. <i>Nature Communications</i> , 2019, 10, 4976.	12.8	177
3	Metabolic engineering of <i>Saccharomyces cerevisiae</i> for production of very long chain fatty acid-derived chemicals. <i>Nature Communications</i> , 2017, 8, 15587.	12.8	82
4	De novo biosynthesis of bioactive isoflavonoids by engineered yeast cell factories. <i>Nature Communications</i> , 2021, 12, 6085.	12.8	62
5	RNAi expression tuning, microfluidic screening, and genome recombineering for improved protein production in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9324-9332.	7.1	54
6	Current state of aromatics production using yeast: achievements and challenges. <i>Current Opinion in Biotechnology</i> , 2020, 65, 65-74.	6.6	35
7	Combinatorial analysis of enzymatic bottlenecks of l-tyrosine pathway by p-coumaric acid production in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2017, 39, 977-982.	2.2	29
8	Metabolic engineering strategies for improvement of ethanol production in cellulolytic <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	29
9	De Novo Biosynthesis of Caffeic Acid from Glucose by Engineered <i>Saccharomyces cerevisiae</i> . <i>ACS Synthetic Biology</i> , 2020, 9, 756-765.	3.8	29
10	Strategies and challenges for metabolic rewiring. <i>Current Opinion in Systems Biology</i> , 2019, 15, 30-38.	2.6	27
11	Metabolic network remodelling enhances yeast's fitness on xylose using aerobic glycolysis. <i>Nature Catalysis</i> , 2021, 4, 783-796.	34.4	23
12	POT1-mediated $\hat{\Gamma}$ -integration strategy for high-copy, stable expression of heterologous proteins in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2017, 17, .	2.3	17
13	Engineering yeast phospholipid metabolism for de novo oleoylethanolamide production. <i>Nature Chemical Biology</i> , 2020, 16, 197-205.	8.0	16
14	Identification of the bacteriocin subtilisin A and loss of purL results in its high-level production in <i>Bacillus amyloliquefaciens</i> . <i>Research in Microbiology</i> , 2012, 163, 470-478.	2.1	15
15	Modular Pathway Rewiring of Yeast for Amino Acid Production. <i>Methods in Enzymology</i> , 2018, 608, 417-439.	1.0	12
16	A high-throughput method for screening of L-tyrosine high-yield strains by <i>Saccharomyces cerevisiae</i> . <i>Journal of General and Applied Microbiology</i> , 2018, 64, 198-201.	0.7	8
17	Scarless gene deletion using mazF as a new counter-selection marker and an improved deletion cassette assembly method in <i>Saccharomyces cerevisiae</i> . <i>Journal of General and Applied Microbiology</i> , 2014, 60, 89-93.	0.7	7
18	mazF-mediated deletion system for large-scale genome engineering in <i>Saccharomyces cerevisiae</i> . <i>Research in Microbiology</i> , 2014, 165, 836-840.	2.1	4

#	ARTICLE	IF	CITATIONS
19	Optimization of the l-tyrosine metabolic pathway in <i>Saccharomyces cerevisiae</i> by analyzing p-coumaric acid production. <i>3 Biotech</i> , 2020, 10, 258.	2.2	4
20	Comparative transcriptome analysis of genomic region deletion strain with enhanced l-tyrosine production in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2020, 42, 453-460.	2.2	1