

# Quanli Liu

## List of Publications by Year in descending order

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20  
papers

847  
citations

687363

13  
h-index

752698

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g-index

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docs citations

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times ranked

937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic network remodelling enhances yeast's fitness on xylose using aerobic glycolysis. <i>Nature Catalysis</i> , 2021, 4, 783-796.	34.4	23
2	De novo biosynthesis of bioactive isoflavonoids by engineered yeast cell factories. <i>Nature Communications</i> , 2021, 12, 6085.	12.8	62
3	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
4	Engineering yeast phospholipid metabolism for de novo oleoylethanolamide production. <i>Nature Chemical Biology</i> , 2020, 16, 197-205.	8.0	16
5	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
6	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
7	Current state of aromatics production using yeast: achievements and challenges. <i>Current Opinion in Biotechnology</i> , 2020, 65, 65-74.	6.6	35
8	Rewiring carbon metabolism in yeast for high level production of aromatic chemicals. <i>Nature Communications</i> , 2019, 10, 4976.	12.8	177
9	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
10	Strategies and challenges for metabolic rewiring. <i>Current Opinion in Systems Biology</i> , 2019, 15, 30-38.	2.6	27
11	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
12	Modular Pathway Rewiring of Yeast for Amino Acid Production. <i>Methods in Enzymology</i> , 2018, 608, 417-439.	1.0	12
13	Metabolic engineering strategies for improvement of ethanol production in cellulytic <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2018, 18, .	2.3	29
14	Reprogramming Yeast Metabolism from Alcoholic Fermentation to Lipogenesis. <i>Cell</i> , 2018, 174, 1549-1558.e14.	28.9	215
15	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
16	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
17	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
18	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

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19	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
20	Identification of the bacteriocin subtilosin 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