

# Jiaheng Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1370909/publications.pdf>

Version: 2024-02-01

15  
papers

301  
citations

1040056

9  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quorum sensing for population-level control of bacteria and potential therapeutic applications. Cellular and Molecular Life Sciences, 2020, 77, 1319-1343.	5.4	101
2	Redox cofactor engineering in industrial microorganisms: strategies, recent applications and future directions. Journal of Industrial Microbiology and Biotechnology, 2018, 45, 313-327.	3.0	60
3	Two-stage carbon distribution and cofactor generation for improving L-threonine production of <i>Escherichia coli</i> . Biotechnology and Bioengineering, 2019, 116, 110-120.	3.3	30
4	Vertical and horizontal quorum-sensing-based multicellular communications. Trends in Microbiology, 2021, 29, 1130-1142.	7.7	17
5	Co-production of Nisin and $\gamma$ -Aminobutyric Acid by Engineered <i>Lactococcus lactis</i> for Potential Application in Food Preservation. Frontiers in Microbiology, 2020, 11, 49.	3.5	16
6	Combinational quorum sensing devices for dynamic control in cross-feeding cocultivation. Metabolic Engineering, 2021, 67, 186-197.	7.0	13
7	Improving xylose utilization of defatted rice bran for nisin production by overexpression of a xylose transcriptional regulator in <i>Lactococcus lactis</i> . Bioresource Technology, 2017, 238, 690-697.	9.6	12
8	Whole-Genome-Based Survey for Polyphyletic Serovars of <i>Salmonella enterica</i> subsp. <i>enterica</i> Provides New Insights into Public Health Surveillance. International Journal of Molecular Sciences, 2020, 21, 5226.	4.1	12
9	Combinational Antibacterial Activity of Nisin and 3-Phenyllactic Acid and Their Co-production by Engineered <i>Lactococcus lactis</i> . Frontiers in Bioengineering and Biotechnology, 2021, 9, 612105.	4.1	12
10	Isolation and Purification of Antioxidant and ACE-Inhibitory Peptides from Yak ( <i>Bos grunniens</i> ) Skin. Journal of Food Processing and Preservation, 2017, 41, e13123.	2.0	10
11	A novel small RNA S042 increases acid tolerance in <i>Lactococcus lactis</i> F44. Biochemical and Biophysical Research Communications, 2018, 500, 544-549.	2.1	6
12	Genomic Analysis Based on Chromosome-Level Genome Assembly Reveals an Expansion of Terpene Biosynthesis of <i>Azadirachta indica</i> . Frontiers in Plant Science, 2022, 13, 853861.	3.6	5
13	Global evolution of glycosylated polyene macrolide antibiotic biosynthesis. Molecular Phylogenetics and Evolution, 2018, 127, 239-247.	2.7	4
14	Short-term load forecasting of the integrated energy system considering the peak-valley of load correlations. IET Generation, Transmission and Distribution, 2022, 16, 2791-2804.	2.5	2
15	NisI Maturation and Its Influence on Nisin Resistance in <i>Lactococcus lactis</i> . Applied and Environmental Microbiology, 2020, 86, .	3.1	1