

# Junjun Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,258  
citations

361045

20  
h-index

580395

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative characteristics and gel properties of porcine myofibrillar proteins affected by L-lysine and L-histidine in a dose-dependent manner at a low and high salt concentration. <i>International Journal of Food Science and Technology</i> , 2022, 57, 2556-2567.	1.3	5
2	In situ exopolysaccharides produced by <i>Lactobacillus helveticus</i> MB2-1 and its effect on gel properties of Sayram ketteki yoghurt. <i>International Journal of Biological Macromolecules</i> , 2022, 208, 314-323.	3.6	23
3	Applied evolution: Dual dynamic regulations-based approaches in engineering intracellular malonyl-CoA availability. <i>Metabolic Engineering</i> , 2021, 67, 403-416.	3.6	19
4	In vitro digestion and fermentation of released exopolysaccharides (r-EPS) from <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> SRFM-1. <i>Carbohydrate Polymers</i> , 2020, 230, 115593.	5.1	20
5	Developing a pathway-independent and full-autonomous global resource allocation strategy to dynamically switching phenotypic states. <i>Nature Communications</i> , 2020, 11, 5521.	5.8	27
6	Improving L-serine formation by <i>Escherichia coli</i> by reduced uptake of produced L-serine. <i>Microbial Cell Factories</i> , 2020, 19, 66.	1.9	14
7	Improving medium chain fatty acid production in <i>Escherichia coli</i> by multiple transporter engineering. <i>Food Chemistry</i> , 2019, 272, 628-634.	4.2	22
8	Construction of artificial micro-aerobic metabolism for energy- and carbon-efficient synthesis of medium chain fatty acids in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2019, 53, 1-13.	3.6	40
9	Ultrasonic-assisted Aqueous Extraction and Physicochemical Characterization of Oil from <i>Clanis bilineata</i> . <i>Journal of Oleo Science</i> , 2018, 67, 151-165.	0.6	26
10	A systematic optimization of medium chain fatty acid biosynthesis via the reverse beta-oxidation cycle in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2017, 41, 115-124.	3.6	73
11	Rational modular design of metabolic network for efficient production of plant polyphenol pinosylvin. <i>Scientific Reports</i> , 2017, 7, 1459.	1.6	26
12	Structural characterization and antioxidant property of released exopolysaccharides from <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> SRFM-1. <i>Carbohydrate Polymers</i> , 2017, 173, 654-664.	5.1	101
13	Efficient de novo synthesis of resveratrol by metabolically engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 1083-1095.	1.4	60
14	Enhancing the functional properties of soymilk residues (okara) by solid-state fermentation with <i>Actinomucor elegans</i> . <i>CYTA - Journal of Food</i> , 2017, 15, 155-163.	0.9	11
15	Improving metabolic efficiency of the reverse beta-oxidation cycle by balancing redox cofactor requirement. <i>Metabolic Engineering</i> , 2017, 44, 313-324.	3.6	19
16	Efficient biosynthesis of (2S)-pinocembrin from d-glucose by integrating engineering central metabolic pathways with a pH-shift control strategy. <i>Bioresource Technology</i> , 2016, 218, 999-1007.	4.8	43
17	Stepwise modular pathway engineering of <i>Escherichia coli</i> for efficient one-step production of (2S)-pinocembrin. <i>Journal of Biotechnology</i> , 2016, 231, 183-192.	1.9	30
18	Novel fermented chickpea milk with enhanced level of $\beta^3$ -aminobutyric acid and neuroprotective effect on PC12 cells. <i>PeerJ</i> , 2016, 4, e2292.	0.9	35

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19	Enhancing flavonoid production by systematically tuning the central metabolic pathways based on a CRISPR interference system in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2015, 5, 13477.	1.6	145
20	Identification of membrane proteins associated with phenylpropanoid tolerance and transport in <i>Escherichia coli</i> BL21. <i>Journal of Proteomics</i> , 2015, 113, 15-28.	1.2	32
21	Modular Optimization of Heterologous Pathways for De Novo Synthesis of (2 <i>S</i> )-Naringenin in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2014, 9, e101492.	1.1	78
22	Systems metabolic engineering of microorganisms to achieve large-scale production of flavonoid scaffolds. <i>Journal of Biotechnology</i> , 2014, 188, 72-80.	1.9	39
23	Fine-Tuning of the Fatty Acid Pathway by Synthetic Antisense RNA for Enhanced (2 <i>S</i> )-Naringenin Production from <i>l</i> -Tyrosine in <i>Escherichia coli</i> . <i>Applied and Environmental Microbiology</i> , 2014, 80, 7283-7292.	1.4	67
24	Metabolic engineering of <i>Escherichia coli</i> for (2 <i>S</i> )-pinocembrin production from glucose by a modular metabolic strategy. <i>Metabolic Engineering</i> , 2013, 16, 48-55.	3.6	193
25	Multivariate modular metabolic engineering of <i>Escherichia coli</i> to produce resveratrol from <i>l</i> -tyrosine. <i>Journal of Biotechnology</i> , 2013, 167, 404-411.	1.9	110