

# Yonghong Meng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8205818/publications.pdf>

Version: 2024-02-01

17  
papers

340  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring fatty alcohol-producing capability of <i>Yarrowia lipolytica</i> . <i>Biotechnology for Biofuels</i> , 2016, 9, 107.	6.2	66
2	Metabolic Redesign of <i>Rhodobacter sphaeroides</i> for Lycopene Production. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5879-5885.	5.2	54
3	Overexpression of $\Delta^{312}$ , $\Delta^{315}$ -Desaturases for Enhanced Lipids Synthesis in <i>Yarrowia lipolytica</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 289.	3.5	29
4	Elevated $\beta$ -Carotene Synthesis by the Engineered <i>Rhodobacter sphaeroides</i> with Enhanced CrtY Expression. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9560-9568.	5.2	26
5	Chlorogenic Acid Ameliorates High-Fat and High-Fructose Diet-Induced Cognitive Impairment via Mediating the Microbiota-Gut-Brain Axis. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2600-2615.	5.2	23
6	Dissolved-oxygen feedback control fermentation for enhancing $\beta$ -carotene in engineered <i>Yarrowia lipolytica</i> . <i>Scientific Reports</i> , 2020, 10, 17114.	3.3	21
7	Promoting the Synthesis of Precursor Substances by Overexpressing Hexokinase (Hxk) and Hydroxymethylglutaryl-CoA Synthase (Erg13) to Elevate $\beta$ -Carotene Production in Engineered <i>Yarrowia lipolytica</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1346.	3.5	19
8	Elevated $\beta$ -Carotene Production Using Codon-Adapted CarRA&B and Metabolic Balance in Engineered <i>Yarrowia lipolytica</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 627150.	3.5	15
9	Fu instant tea ameliorates fatty liver by improving microbiota dysbiosis and elevating short-chain fatty acids in the intestine of mice fed a high-fat diet. <i>Food Bioscience</i> , 2021, 42, 101207.	4.4	15
10	Development of a GC-MS/SIM method for the determination of phytosteryl esters. <i>Food Chemistry</i> , 2019, 281, 236-241.	8.2	14
11	Increased campesterol synthesis by improving lipid content in engineered <i>Yarrowia lipolytica</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 7165-7175.	3.6	14
12	Antibacterial mechanism of apple phloretin on physiological and morphological properties of <i>Listeria monocytogenes</i> . <i>Food Science and Technology</i> , 0, 42, .	1.7	11
13	Developing efficient vanillin biosynthesis system by regulating feruloyl-CoA synthetase and enoyl-CoA hydratase enzymes. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 247-259.	3.6	11
14	Manipulation of the Regulatory Genes <i>ppsR</i> and <i>prrA</i> in <i>Rhodobacter sphaeroides</i> Enhances Lycopene Production. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4134-4143.	5.2	9
15	Enhanced $\beta$ -carotene production by overexpressing the DID2 gene, a subunit of ESCRT complex, in engineered <i>Yarrowia lipolytica</i> . <i>Biotechnology Letters</i> , 2021, 43, 1799-1807.	2.2	7
16	Apple phlorizin oxidation product 2 inhibits proliferation and differentiation of 3T3-L1 preadipocytes. <i>Journal of Functional Foods</i> , 2019, 62, 103525.	3.4	6
17	Authentication of fresh apple juice by stable isotope ratios of $\delta^{13}C$ , $\delta^{18}O$ and $\delta^2H$ . <i>Food Science and Technology</i> , 0, , .	1.7	0