

# Tao Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

312  
citations

1040056

9  
h-index

888059

17  
g-index

23  
all docs

23  
docs citations

23  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on recent advances in LED-based non-thermal technique for food safety: current applications and future trends. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 7692-7707.	10.3	3
2	Effect of beating process on the physicochemical and textural properties of meat analogs prepared with <i>Cordyceps militaris</i> fruiting body. <i>International Journal of Food Engineering</i> , 2022, 18, 153-160.	1.5	3
3	Comparative transcriptome and proteome provide new insights into the regulatory mechanisms of the postharvest deterioration of <i>Pleurotus tuoliensis</i> fruitbodies during storage. <i>Food Research International</i> , 2021, 147, 110540.	6.2	24
4	Microbial Cell Factory of Baccatin III Preparation in <i>Escherichia coli</i> by Increasing DBAT Thermostability and in vivo Acetyl-CoA Supply. <i>Frontiers in Microbiology</i> , 2021, 12, 803490.	3.5	4
5	Isolation and Characterization of Fengycins Produced by <i>Bacillus amyloliquefaciens</i> JFL21 and Its Broad-Spectrum Antimicrobial Potential Against Multidrug-Resistant Foodborne Pathogens. <i>Frontiers in Microbiology</i> , 2020, 11, 579621.	3.5	46
6	Transcriptome Analysis Reveals the Flexibility of Cordycepin Network in <i>Cordyceps militaris</i> Activated by L-Alanine Addition. <i>Frontiers in Microbiology</i> , 2020, 11, 577.	3.5	23
7	Highly effective biosynthesis of baccatin III by using the alternative acetyl substrate, N-acetylglucosamine. <i>Journal of Applied Microbiology</i> , 2020, 129, 345-355.	3.1	2
8	Structural Analysis and Antioxidant Activity of Extracellular Polysaccharides Extracted from Culinary-Medicinal White Jelly Mushroom <i>Tremella fuciformis</i> (Tremellomycetes) Conidium Cells. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 489-500.	1.5	8
9	An Efficient Strategy for Enhancement of Bioactive Compounds in the Fruit Body of Caterpillar Medicinal Mushroom, <i>Cordyceps militaris</i> (Ascomycetes), by Spraying Biotic Elicitors. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 1161-1170.	1.5	3
10	Transcriptome Analysis of <i>Cordyceps militaris</i> Reveals Genes Associated With Carotenoid Synthesis and Identification of the Function of the <i>Cmtns</i> Gene. <i>Frontiers in Microbiology</i> , 2019, 10, 2105.	3.5	18
11	Optimization of Baccatin III Production by Cross-Linked Enzyme Aggregate of Taxoid 10 <sup>12</sup> -O-Acetyltransferase. <i>Molecular Biotechnology</i> , 2019, 61, 498-505.	2.4	3
12	<i>Musa basjoo</i> regulates the gut microbiota in mice by rebalancing the abundance of probiotic and pathogen. <i>Microbial Pathogenesis</i> , 2019, 131, 205-211.	2.9	4
13	A simple and effective method using macroporous resins for the simultaneous decoloration and deproteinisation of <i>Cordyceps militaris</i> polysaccharides. <i>International Journal of Food Science and Technology</i> , 2019, 54, 1741-1751.	2.7	15
14	In vitro enzymatic synthesis of baccatin III with novel and cheap acetyl donors by the recombinant taxoid 10 <sup>12</sup> -O-acetyl transferase. <i>Biocatalysis and Biotransformation</i> , 2019, 37, 239-245.	2.0	2
15	Developing a Novel Two-Stage Process for Carotenoid Production by <i>Cordyceps militaris</i> (Ascomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 47-57.	1.5	8
16	Isolation and characterization of cyclic lipopeptides with broad-spectrum antimicrobial activity from <i>Bacillus siamensis</i> JFL15. <i>3 Biotech</i> , 2018, 8, 444.	2.2	24
17	Genomics-guided discovery and structure identification of cyclic lipopeptides from the <i>Bacillus siamensis</i> JFL15. <i>PLoS ONE</i> , 2018, 13, e0202893.	2.5	31
18	Activity Essential Residue Analysis of Taxoid 10 <sup>12</sup> -O-Acetyl Transferase for Enzymatic Synthesis of Baccatin. <i>Applied Biochemistry and Biotechnology</i> , 2018, 186, 949-959.	2.9	7

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19	Bio-production of Baccatin III, an Important Precursor of Paclitaxel by a Cost-Effective Approach. <i>Molecular Biotechnology</i> , 2018, 60, 492-505.	2.4	17
20	Efficient CRISPR-Cas9 Gene Disruption System in Edible-Medicinal Mushroom <i>Cordyceps militaris</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 1157.	3.5	57
21	Improving the thermal stability of anisyl alcohol by $\beta$ -galactosidase enzymatic glycosylation. <i>International Journal of Food Science and Technology</i> , 2018, 53, 2723-2729.	2.7	2
22	Enhanced catalytic activities and modified substrate preferences for taxoid 10 <sup>12</sup> -O-acetyl transferase mutants by engineering catalytic histidine residues. <i>Biotechnology Letters</i> , 2018, 40, 1245-1251.	2.2	6
23	Improvement of Nutritional and Bioactive Compound Production by Lion's Mane Medicinal Mushroom, <i>Herichium erinaceus</i> (Agaricomycetes), by Spraying Growth Regulators. <i>International Journal of Medicinal Mushrooms</i> , 2018, 20, 271-281.	1.5	2