

Liwen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,120
citations

687363

13
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

1671
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering the biosynthesis of fungal nonribosomal peptides. <i>Natural Product Reports</i> , 2023, 40, 62-88.	10.3	17
2	Comparative Analysis of the Endophytic Bacterial Diversity of <i>Populus euphratica</i> Oliv. in Environments of Different Salinity Intensities. <i>Microbiology Spectrum</i> , 2022, 10, e0050022.	3.0	12
3	Herbicidal efficacy of harzianums produced by the biofertilizer fungus, <i>Trichoderma brevicompactum</i> . <i>AMB Express</i> , 2020, 10, 118.	3.0	9
4	Combinatorial Biosynthesis of Sulfated Benzenediol Lactones with a Phenolic Sulfotransferase from <i>Fusarium graminearum</i> PH-1. <i>MSphere</i> , 2020, 5, .	2.9	11
5	Intrinsic and Extrinsic Programming of Product Chain Length and Release Mode in Fungal Collaborating Iterative Polyketide Synthases. <i>Journal of the American Chemical Society</i> , 2020, 142, 17093-17104.	13.7	14
6	Secondary metabolites from hypocrealean entomopathogenic fungi: novel bioactive compounds. <i>Natural Product Reports</i> , 2020, 37, 1181-1206.	10.3	58
7	Secondary metabolites from hypocrealean entomopathogenic fungi: genomics as a tool to elucidate the encoded parvome. <i>Natural Product Reports</i> , 2020, 37, 1164-1180.	10.3	27
8	Methylglucosylation of Phenolic Compounds by Fungal Glycosyltransferase-Methyltransferase Functional Modules. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 8573-8580.	5.2	10
9	Rational Reprogramming of <i>O</i> -Methylation Regioselectivity for Combinatorial Biosynthetic Tailoring of Benzenediol Lactone Scaffolds. <i>Journal of the American Chemical Society</i> , 2019, 141, 4355-4364.	13.7	28
10	Extracellularly oxidative activation and inactivation of matured prodrug for cryptic self-resistance in naphthyrudinomycin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11232-11237.	7.1	29
11	Methylglucosylation of aromatic amino and phenolic moieties of drug-like biosynthons by combinatorial biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4980-E4989.	7.1	40
12	Uptake and Distribution of ¹⁴ C-Labeled Multi-walled Carbon Nanotubes by Wheat (<i>Triticum aestivum</i>) Tj ETQq0 0 0 rgBT /Ovgrlock 10 T		
13	DrwH, a novel WHy domain-containing hydrophobic LEA5C protein from <i>Deinococcus radiodurans</i> , protects enzymatic activity under oxidative stress. <i>Scientific Reports</i> , 2017, 7, 9281.	3.3	20
14	The Stress-Responsive and Host-Oriented Role of Nonribosomal Peptide Synthetases in an Entomopathogenic Fungus, <i>Beauveria bassiana</i> . <i>Journal of Microbiology and Biotechnology</i> , 2017, 27, 439-449.	2.1	9
15	Insights into Adaptations to a Near-Obligate Nematode Endoparasitic Lifestyle from the Finished Genome of <i>Drechmeria coniospora</i> . <i>Scientific Reports</i> , 2016, 6, 23122.	3.3	32
16	The novel regulatory ncRNA, NfiS, optimizes nitrogen fixation via base pairing with the nitrogenase gene <i>nifK</i> mRNA in <i>Pseudomonas stutzeri</i> A1501. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4348-56.	7.1	50
17	Degradation of multiwall carbon nanotubes by bacteria. <i>Environmental Pollution</i> , 2013, 181, 335-339.	7.5	108
18	Effect of primary particle size on colloidal stability of multiwall carbon nanotubes. <i>Water Science and Technology</i> , 2013, 68, 2249-2256.	2.5	2

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19	Interactions of ¹⁴ C-labeled multi-walled carbon nanotubes with soil minerals in water. Environmental Pollution, 2012, 166, 75-81.	7.5	65
20	Phase Distribution of ¹⁴ C-Labeled Multiwalled Carbon Nanotubes in Aqueous Systems Containing Model Solids: Peat. Environmental Science & Technology, 2011, 45, 1356-1362.	10.0	62
21	Potential Release Pathways, Environmental Fate, And Ecological Risks of Carbon Nanotubes. Environmental Science & Technology, 2011, 45, 9837-9856.	10.0	446
22	Effects of Polyethyleneimine-Mediated Functionalization of Multi-Walled Carbon Nanotubes on Earthworm Bioaccumulation and Sorption by Soils. Environmental Science & Technology, 2011, 45, 3718-3724.	10.0	68
23	Environmental Fate, Transport, and Transformation of Carbon Nanoparticles. ACS Symposium Series, 2011,, 69-101.	0.5	3