Liwen Zhang

List of Publications by Year
in descending order

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23 papers	1,120 citations	686830 13 h-index	676716 22 g-index
23 all docs	23 docs citations	23 times ranked	1671 citing authors

#	Article	IF	Citations
1	Potential Release Pathways, Environmental Fate, And Ecological Risks of Carbon Nanotubes. Environmental Science & Technology, 2011, 45, 9837-9856.	4.6	446
2	Degradation of multiwall carbon nanotubes by bacteria. Environmental Pollution, 2013, 181, 335-339.	3.7	108
3	Effects of Polyethyleneimine-Mediated Functionalization of Multi-Walled Carbon Nanotubes on Earthworm Bioaccumulation and Sorption by Soils. Environmental Science & Technology, 2011, 45, 3718-3724.	4.6	68
4	Interactions of 14C-labeled multi-walled carbon nanotubes with soil minerals in water. Environmental Pollution, 2012, 166, 75-81.	3.7	65
5	Phase Distribution of ¹⁴C-Labeled Multiwalled Carbon Nanotubes in Aqueous Systems Containing Model Solids: Peat. Environmental Science & Technology, 2011, 45, 1356-1362.	4.6	62
6	Secondary metabolites from hypocrealean entomopathogenic fungi: novel bioactive compounds. Natural Product Reports, 2020, 37, 1181-1206.	5.2	58
7	The novel regulatory ncRNA, NfiS, optimizes nitrogen fixation via base pairing with the nitrogenase gene nifK mRNA in Pseudomonas stutzeri A1501. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4348-56.	3.3	50
8	Methylglucosylation of aromatic amino and phenolic moieties of drug-like biosynthons by combinatorial biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4980-E4989.	3.3	40
9	Insights into Adaptations to a Near-Obligate Nematode Endoparasitic Lifestyle from the Finished Genome of Drechmeria coniospora. Scientific Reports, 2016, 6, 23122.	1.6	32
10	Extracellularly oxidative activation and inactivation of matured prodrug for cryptic self-resistance in naphthyridinomycin biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11232-11237.	3.3	29
11	Rational Reprogramming ofO-Methylation Regioselectivity for Combinatorial Biosynthetic Tailoring of Benzenediol Lactone Scaffolds. Journal of the American Chemical Society, 2019, 141, 4355-4364.	6.6	28
12	Secondary metabolites from hypocrealean entomopathogenic fungi: genomics as a tool to elucidate the encoded parvome. Natural Product Reports, 2020, 37, 1164-1180.	5.2	27
13	DrwH, a novel WHy domain-containing hydrophobic LEA5C protein from Deinococcus radiodurans, protects enzymatic activity under oxidative stress. Scientific Reports, 2017, 7, 9281.	1.6	20
14	Engineering the biosynthesis of fungal nonribosomal peptides. Natural Product Reports, 2023, 40, 62-88.	5.2	17
15	Intrinsic and Extrinsic Programming of Product Chain Length and Release Mode in Fungal Collaborating Iterative Polyketide Synthases. Journal of the American Chemical Society, 2020, 142, 17093-17104.	6.6	14
16	Comparative Analysis of the Endophytic Bacterial Diversity of Populus euphratica Oliv. in Environments of Different Salinity Intensities. Microbiology Spectrum, 2022, 10, e0050022.	1.2	12
17	Combinatorial Biosynthesis of Sulfated Benzenediol Lactones with a Phenolic Sulfotransferase from Fusarium graminearum PH-1. MSphere, 2020, 5, .	1.3	11
18	Methylglucosylation of Phenolic Compounds by Fungal Glycosyltransferase-Methyltransferase Functional Modules. Journal of Agricultural and Food Chemistry, 2019, 67, 8573-8580.	2.4	10

#	Article	IF	Citations
19	Herbicidal efficacy of harzianums produced by the biofertilizer fungus, Trichoderma brevicompactum. AMB Express, 2020, 10, 118.	1.4	9
20	The Stress-Responsive and Host-Oriented Role of Nonribosomal Peptide Synthetases in an Entomopathogenic Fungus, Beauveria bassiana. Journal of Microbiology and Biotechnology, 2017, 27, 439-449.	0.9	9
21	Environmental Fate, Transport, and Transformation of Carbon Nanoparticles. ACS Symposium Series, 2011, , 69-101.	0.5	3
22	Effect of primary particle size on colloidal stability of multiwall carbon nanotubes. Water Science and Technology, 2013, 68, 2249-2256.	1.2	2
23	Uptake and Distribution of 14C-Labeled Multi-walled Carbon Nanotubes by Wheat (Triticum aestivum) Tj ETQq1 1 0.784314 rgBT /Over		0