

Hui Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

541
citations

623734

14
h-index

677142

22
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32
all docs

32
docs citations

32
times ranked

664
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Tandem Acyl Carrier Protein Domains in Polyunsaturated Fatty Acid Biosynthesis. <i>Journal of the American Chemical Society</i> , 2008, 130, 6336-6337.	13.7	83
2	Improvement of Natamycin Production by Engineering of Phosphopantetheinyl Transferases in <i>Streptomyces chattanoogensis</i> L10. <i>Applied and Environmental Microbiology</i> , 2013, 79, 3346-3354.	3.1	45
3	Identification and Biosynthetic Characterization of Natural Aromatic Azoxy Products from <i>Streptomyces chattanoogensis</i> L10. <i>Organic Letters</i> , 2015, 17, 6114-6117.	4.6	42
4	Nitrogen removal characteristics and predicted conversion pathways of a heterotrophic nitrification-aerobic denitrification bacterium, <i>Pseudomonas aeruginosa</i> P-1. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7503-7514.	5.3	38
5	Enhanced excretion of extracellular polymeric substances associated with nonylphenol tolerance in <i>Dictyosphaerium</i> sp. <i>Journal of Hazardous Materials</i> , 2020, 395, 122644.	12.4	34
6	Chitin degradation and the temporary response of bacterial chitinolytic communities to chitin amendment in soil under different fertilization regimes. <i>Science of the Total Environment</i> , 2020, 705, 136003.	8.0	27
7	Generation of the natamycin analogs by gene engineering of natamycin biosynthetic genes in <i>Streptomyces chattanoogensis</i> L10. <i>Microbiological Research</i> , 2015, 173, 25-33.	5.3	25
8	Bioaccumulation, growth performance, and transcriptomic response of <i>Dictyosphaerium</i> sp. after exposure to nonylphenol. <i>Science of the Total Environment</i> , 2019, 687, 416-422.	8.0	25
9	Characterization of Discrete Phosphopantetheinyl Transferases in <i>Streptomyces tsukubaensis</i> L19 Unveils a Complicate Phosphopantetheinylation Network. <i>Scientific Reports</i> , 2016, 6, 24255.	3.3	23
10	Dynamics, biodegradability, and microbial community shift of water-extractable organic matter in rice-wheat cropping soil under different fertilization treatments. <i>Environmental Pollution</i> , 2019, 249, 686-695.	7.5	22
11	An acyltransferase domain of <i>scp</i> 506 polyketide synthase recognizing both an acyl carrier protein and coenzymeA as acyl donors to transfer allylmalonyl and ethylmalonyl units. <i>FEBS Journal</i> , 2015, 282, 2527-2539.	4.7	20
12	Interactions of iron-based nanoparticles with soil dissolved organic matter: adsorption, aging, and effects on hexavalent chromium removal. <i>Journal of Hazardous Materials</i> , 2021, 406, 124650.	12.4	20
13	FkbN and Tcs7 are pathway-specific regulators of the FK506 biosynthetic gene cluster in <i>Streptomyces tsukubaensis</i> L19. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1693-1703.	3.0	18
14	Barhl 1 is required for the differentiation of inner ear hair cell-like cells from mouse embryonic stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 96, 79-89.	2.8	16
15	Biochemical Characterization of a Malonyl-Specific Acyltransferase Domain of FK506 Biosynthetic Polyketide Synthase. <i>Protein and Peptide Letters</i> , 2014, 22, 2-7.	0.9	14
16	The role of ppar β in embryonic development of <i>Xenopus tropicalis</i> under triphenyltin-induced teratogenicity. <i>Science of the Total Environment</i> , 2018, 633, 1245-1252.	8.0	13
17	Effects of Fe ₂ O ₃ nanoparticles on extracellular polymeric substances and nonylphenol degradation in river sediment. <i>Science of the Total Environment</i> , 2021, 770, 145210.	8.0	12
18	Characterization of type II thioesterases involved in natamycin biosynthesis in <i>Streptomyces chattanoogensis</i> L10. <i>FEBS Letters</i> , 2014, 588, 3259-3264.	2.8	11

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19	A Critical E-box in Barhl1 3â€² Enhancer Is Essential for Auditory Hair Cell Differentiation. <i>Cells</i> , 2019, 8, 458.	4.1	11
20	Improvement of FK506 production by synthetic biology approaches. <i>Biotechnology Letters</i> , 2016, 38, 2015-2021.	2.2	9
21	Strategies for Discovering New Antibiotics from Bacteria in the Post-Genomic Era. <i>Current Microbiology</i> , 2020, 77, 3213-3223.	2.2	7
22	Physiological and transcriptional responses of <i>Dictyosphaerium</i> sp. under co-exposure of a typical microplastic and nonylphenol. <i>Environmental Research</i> , 2022, 204, 112287.	7.5	6
23	Design of Ribosome Binding Sites in <i>Streptomyces coelicolor</i> . <i>Current Proteomics</i> , 2017, 14, .	0.3	5
24	Characterization and Evolutionary Implications of the Triad Asp-Xxx-Glu in Group II Phosphopantetheinyl Transferases. <i>PLoS ONE</i> , 2014, 9, e103031.	2.5	4
25	The substrate promiscuity of a phosphopantetheinyl transferase SchPPT for coenzyme A derivatives and acyl carrier proteins. <i>Archives of Microbiology</i> , 2016, 198, 193-197.	2.2	2
26	Functions of Type II Thioesterases in Bacterial Polyketide Biosynthesis. <i>Protein and Peptide Letters</i> , 2016, 23, 1032-1037.	0.9	2
27	Two Bacterial Group II Phosphopantetheinyl Transferases Involved in Both Primary Metabolism and Secondary Metabolism. <i>Current Microbiology</i> , 2015, 70, 390-397.	2.2	1
28	Conjugational delivery of chromosomal integrative constructs for gene expression in the carbendazim-degrading <i>Rhodococcus erythropolis</i> D-1. <i>Annals of Microbiology</i> , 2018, 68, 773-780.	2.6	1
29	Application of Genetic Engineering Approaches to Improve Bacterial Metabolite Production. <i>Current Protein and Peptide Science</i> , 2020, 21, 488-496.	1.4	1
30	Nanoscale zero-valent iron alters physiological, biochemical, and transcriptomic response of nonylphenol-exposed algae (<i>Dictyosphaerium</i> sp.). <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	1
31	New two-component regulatory system required for the constitutive expression of bph operon in <i>Cupriavidus basilensis</i> WS. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3099-3109.	3.6	0