

Jing He

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

470
citations

1163117

8
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Iteration as Programmed Event during Polyketide Assembly; Molecular Analysis of the Aureothin Biosynthesis Gene Cluster. <i>Chemistry and Biology</i> , 2003, 10, 1225-1232.	6.0	165
2	CRISPR-Cas9 Triggered Two-Step Isothermal Amplification Method for <i>E. coli</i> O157:H7 Detection Based on a Metal-Organic Framework Platform. <i>Analytical Chemistry</i> , 2020, 92, 3032-3041.	6.5	102
3	Diisonitrile Natural Product SF2768 Functions As a Chalkophore That Mediates Copper Acquisition in <i>Streptomyces thioluteus</i> . <i>ACS Chemical Biology</i> , 2017, 12, 3067-3075.	3.4	75
4	Identification and heterologous expression of the biosynthetic gene cluster for holomycin produced by <i>Streptomyces clavuligerus</i> . <i>Process Biochemistry</i> , 2011, 46, 811-816.	3.7	28
5	Characterization of a novel DNA glycosylase from <i>S. Ōsahachiroi</i> involved in the reduction and repair of azinomycin B induced DNA damage. <i>Nucleic Acids Research</i> , 2016, 44, 187-197.	14.5	27
6	Chemical Diversification Based on Substrate Promiscuity of a Standalone Adenylation Domain in a Reconstituted NRPS System. <i>ACS Chemical Biology</i> , 2019, 14, 256-265.	3.4	15
7	Identification of an unusual type II thioesterase in the dithiolopyrrolone antibiotics biosynthetic pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 329-335.	2.1	11
8	Tandem Hydration of Diisonitriles Triggered by Isonitrile Hydratase in <i>Streptomyces thioluteus</i> . <i>Organic Letters</i> , 2018, 20, 3562-3565.	4.6	10
9	Accumulation of a Bioactive Benzoisochromanequinone Compound Kalafungin by a Wild Type Antitumor-Medermycin-Producing <i>Streptomyces</i> Strain. <i>PLoS ONE</i> , 2015, 10, e0117690.	2.5	10
10	Bio-barcode triggered isothermal amplification in a fluorometric competitive immunoassay for the phytotoxin abrin. <i>Mikrochimica Acta</i> , 2020, 187, 127.	5.0	8
11	Diisonitrile-Mediated Reactive Oxygen Species Accumulation Leads to Bacterial Growth Inhibition. <i>Journal of Natural Products</i> , 2020, 83, 1634-1640.	3.0	6
12	Identification of a novel structure-specific endonuclease AziN that contributes to the repair of azinomycin B-mediated DNA interstrand crosslinks. <i>Nucleic Acids Research</i> , 2019, 48, 709-718.	14.5	3
13	Construction and application of a superplasmid for enhanced production of antibiotics. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1647-1660.	3.6	3
14	Repurposing the Isocyanobutanoic Acid Adenylation Enzyme SfaB for Versatile Amidation and Thioesterification. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2030-2035.	13.8	3
15	Essential role of an unknown gene <i>aziU3</i> in the production of antitumor antibiotic azinomycin B verified by utilizing optimized genetic manipulation systems for <i>Streptomyces sahachiroi</i> . <i>FEMS Microbiology Letters</i> , 2012, 337, 147-154.	1.8	2
16	Characterization of the diastaphenazine/izumiphenazine C biosynthetic gene cluster from plant endophyte <i>Streptomyces diastaticus</i> W2. <i>Microbial Biotechnology</i> , 2021, , .	4.2	2
17	Thermochemical Characterization of the Growth Metabolism of the 2,4-Dichlorophenol-Degrading Strain <i>Pseudomonas</i> GT241-1 by Microcalorimetry. <i>Applied Biochemistry and Microbiology</i> , 2004, 40, 63-66.	0.9	0
18	Repurposing the Isocyanobutanoic Acid Adenylation Enzyme SfaB for Versatile Amidation and Thioesterification. <i>Angewandte Chemie</i> , 2021, 133, 2058-2063.	2.0	0