

Bo Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

485
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

632
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of the Milbemycin-Producing Bacterium <i>Streptomyces bingchenggensis</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4526-4527.	2.2	88
2	Enzyme-catalysed [6+4] cycloadditions in the biosynthesis of natural products. <i>Nature</i> , 2019, 568, 122-126.	27.8	83
3	Rifamorpholines A-E, potential antibiotics from locust-associated actinobacteria <i>Amycolatopsis</i> sp. Hca4. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3909-3916.	2.8	48
4	Discovery, Biosynthesis, and Heterologous Production of Streptoseomycin, an Anti-Microaerophilic Bacteria Macrodilactone. <i>Organic Letters</i> , 2018, 20, 2967-2971.	4.6	42
5	Combined application of plasma mutagenesis and gene engineering leads to 5-oxomilbemycins A3/A4 as main components from <i>Streptomyces bingchenggensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 9703-9712.	3.6	40
6	Amycolamycins A and B, Two Eneidyne-Derived Compounds from a Locust-Associated Actinomycete. <i>Organic Letters</i> , 2017, 19, 6208-6211.	4.6	30
7	Aurachin SS, a new antibiotic from <i>Streptomyces</i> sp. NA04227. <i>Journal of Antibiotics</i> , 2017, 70, 853-855.	2.0	20
8	<i>Streptomyces heilongjiangensis</i> sp. nov., a novel actinomycete that produces borrelidin isolated from the root surface of soybean [<i>Glycine max</i> (L.) Merr]. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1030-1036.	1.7	18
9	Characterization and analysis of an industrial strain of <i>Streptomyces bingchenggensis</i> by genome sequencing and gene microarray. <i>Genome</i> , 2013, 56, 677-689.	2.0	17
10	Discovery, Biosynthesis, and Heterologous Production of Loonamycin, a Potent Anticancer Indolocarbazole Alkaloid. <i>Organic Letters</i> , 2020, 22, 4665-4669.	4.6	16
11	A Long-Range Acting Dehydratase Domain as the Missing Link for C17-Dehydration in Iso-Migrastatin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7247-7251.	13.8	15
12	Overproduction of lactimidomycin by cross-overexpression of genes encoding <i>Streptomyces</i> antibiotic regulatory proteins. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2267-2277.	3.6	14
13	Bioactive phenazines from an earwig-associated <i>Streptomyces</i> sp.. <i>Chinese Journal of Natural Medicines</i> , 2019, 17, 475-480.	1.3	11
14	Influence of Water and Enzyme on the Post-Transition State Bifurcation of NgnD-Catalyzed Ambimodal [6+4]/[4+2] Cycloaddition. <i>Journal of the American Chemical Society</i> , 2021, 143, 21003-21009.	13.7	9
15	Complete genome sequence of <i>Streptomyces cyaneogriseus</i> ssp. <i>noncyanogenus</i> , the thermotolerant producer of commercial antibiotics nemadectin. <i>Journal of Biotechnology</i> , 2015, 204, 1-2.	3.8	8
16	A Long-Range Acting Dehydratase Domain as the Missing Link for C17-Dehydration in Iso-Migrastatin Biosynthesis. <i>Angewandte Chemie</i> , 2017, 129, 7353-7357.	2.0	7
17	A [6+4]-cycloaddition adduct is the biosynthetic intermediate in streptoseomycin biosynthesis. <i>Nature Communications</i> , 2021, 12, 2092.	12.8	7
18	A BBE-like Oxidase, AsmF, Dictates the Formation of Naphthalenic Hydroxyl Groups in Ansaseomycin Biosynthesis. <i>Organic Letters</i> , 2021, 23, 3724-3728.	4.6	6

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19	Zhaoshumycins A and B, Two Unprecedented Antimycin-Type Depsipeptides Produced by the Marine-Derived <i>Streptomyces</i> sp. ITBB-ZKa6. <i>Marine Drugs</i> , 2021, 19, 624.	4.6	6