

Zhengren Xu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,164
citations

567281

15
h-index

580821

25
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26
all docs

26
docs citations

26
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Mechanism Confers Self-Resistance to the Antituberculosis Antibiotic Capreomycin. <i>ACS Chemical Biology</i> , 2022, 17, 138-146.	3.4	5
2	Bi-allelic Variants in LSS Cause Palmoplantar Keratoderma-Congenital Alopecia Syndrome Type 2. <i>Journal of Investigative Dermatology</i> , 2022, , .	0.7	8
3	Thiocysteine lyases as polyketide synthase domains installing hydropersulfide into natural products and a hydropersulfide methyltransferase. <i>Nature Communications</i> , 2021, 12, 5672.	12.8	10
4	Characterization of Enzymes Catalyzing the Formation of the Nonproteinogenic Amino Acid α -Dap in Capreomycin Biosynthesis. <i>Biochemistry</i> , 2021, 60, 77-84.	2.5	11
5	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.	10.3	92
6	Discovery of Kirromycins with Anti-Wolbachia Activity from <i>Streptomyces</i> sp. CBO0686. <i>ACS Chemical Biology</i> , 2019, 14, 1174-1182.	3.4	7
7	Herbicidins from <i>Streptomyces</i> sp. CB01388 Showing Anti- <i>Cryptosporidium</i> Activity. <i>Journal of Natural Products</i> , 2018, 81, 791-797.	3.0	12
8	Discovery and Characterization of 1-Aminocyclopropane-1-carboxylic Acid Synthase of Bacterial Origin. <i>Journal of the American Chemical Society</i> , 2018, 140, 16957-16961.	13.7	24
9	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
10	Metamorphosis of cycloalkenes for the divergent total synthesis of polycyclic indole alkaloids. <i>Chemical Society Reviews</i> , 2018, 47, 7882-7898.	38.1	117
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	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
13	Discovery of the leinamycin family of natural products by mining actinobacterial genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11131-E11140.	7.1	84
14	New isofuranonaphthoquinones and isoindolequinones from <i>Streptomyces</i> sp. CB01883. <i>Journal of Antibiotics</i> , 2017, 70, 414-422.	2.0	7
15	Enantioselective Total Syntheses of (\pm) -Rhazinilam, (\pm) -Leucomidine B, and $(+)$ -Leuconodine F. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 760-763.	13.8	54
16	An Enantioselective Total Synthesis of (\pm) -Isoschizogamine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14937-14940.	13.8	42
17	Aqueous Titanium Trichloride Promoted Reductive Cyclization of <i>o</i> -Nitrostyrenes to Indoles: Development and Application to the Synthesis of Rizatriptan and Aspidospermidine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11809-11812.	13.8	98
18	Total Syntheses of (\pm) -Mersicarpine, (\pm) -Scholarisine G, $(+)$ -Melodinine E, (\pm) -Leuconoxine, (\pm) -Leuconolam, (\pm) -Leuconodine A, $(+)$ -Leuconodine F, and (\pm) -Leuconodine C: Self-Induced Diastereomeric Anisochronism (SIDA) Phenomenon for Scholarisine G and Leuconodines A and C. <i>Journal of the American Chemical Society</i> , 2015, 137, 6712-6724.	13.7	133

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19	Unified Strategy to Monoterpene Indole Alkaloids: Total Syntheses of (±)-Goniomitine, (±)-1,2-Dehydroaspidospermidine, (±)-Aspidospermidine, (±)-Vincadifformine, and (±)-Kopsihainanine A. <i>Journal of the American Chemical Society</i> , 2014, 136, 15102-15108.	13.7	136
20	Palladium-Catalyzed Decarboxylative Vinylation of Potassium Nitrophenyl Acetate: Application to the Total Synthesis of (±)-Goniomitine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3272-3276.	13.8	97
21	Enantioselective Total Syntheses of Leuconolam and Leuconoxine Mersicarpine Group Monoterpene Indole Alkaloids. <i>Journal of the American Chemical Society</i> , 2013, 135, 19127-19130.	13.7	112