

Zhengren Xu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

913
citations

14
h-index

26
g-index

26
ext. papers

1,059
ext. citations

12.4
avg, IF

4.46
L-index

#	Paper	IF	Citations
23	Dual-Mechanism Confers Self-Resistance to the Antituberculosis Antibiotic Capreomycin.. <i>ACS Chemical Biology</i> , 2022 , 17, 138-146	4.9	0
22	Characterization of Enzymes Catalyzing the Formation of the Nonproteinogenic Amino Acid l-Dap in Capreomycin Biosynthesis. <i>Biochemistry</i> , 2021 , 60, 77-84	3.2	2
21	Thiocysteine lyases as polyketide synthase domains installing hydropersulfide into natural products and a hydropersulfide methyltransferase. <i>Nature Communications</i> , 2021 , 12, 5672	17.4	0
20	Discovery of Kirromycins with Anti- Wolbachia Activity from Streptomyces sp. CB00686. <i>ACS Chemical Biology</i> , 2019 , 14, 1174-1182	4.9	6
19	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	15.1	63
18	Herbicidins from Streptomyces sp. CB01388 Showing Anti- Cryptosporidium Activity. <i>Journal of Natural Products</i> , 2018 , 81, 791-797	4.9	8
17	Metamorphosis of cycloalkenes for the divergent total synthesis of polycyclic indole alkaloids. <i>Chemical Society Reviews</i> , 2018 , 47, 7882-7898	58.5	85
16	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	16.4	14
15	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018 , 4, 1727-1741	16.8	26
14	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	16.4	11
13	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	3.6	5
12	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	11.5	53
11	New isofuranonaphthoquinones and isoindolequinones from Streptomyces sp. CB01883. <i>Journal of Antibiotics</i> , 2017 , 70, 414-422	3.7	4
10	Enantioselective Total Syntheses of (1R)-Rhazinilam, (1R)-Leucomidine B, and (+)-Leuconodine F. <i>Angewandte Chemie</i> , 2016 , 128, 770-773	3.6	14
9	Enantioselective Total Syntheses of (-)-Rhazinilam, (-)-Leucomidine B, and (+)-Leuconodine F. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 760-3	16.4	40
8	Total Syntheses of (-)-Mersicarpine, (-)-Scholarisine G, (+)-Melodinine E, (-)-Leuconoxine, (-)-Leuconolam, (-)-Leuconodine A, (+)-Leuconodine F, and (-)-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, 6712-24	16.4	112
7	An Enantioselective Total Synthesis of (-)-Isoschizogamine. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14937-40	16.4	36

6	An Enantioselective Total Synthesis of (±)-Isoschizogamine. <i>Angewandte Chemie</i> , 2015 , 127, 15150-15153	3.6	15
5	Aqueous Titanium Trichloride Promoted Reductive Cyclization of o-Nitrostyrenes to Indoles: Development and Application to the Synthesis of Rizatriptan and Aspidospermidine. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 11809-12	16.4	79
4	Aqueous Titanium Trichloride Promoted Reductive Cyclization of o-Nitrostyrenes to Indoles: Development and Application to the Synthesis of Rizatriptan and Aspidospermidine. <i>Angewandte Chemie</i> , 2015 , 127, 11975-11978	3.6	23
3	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, 15102-8	16.4	121
2	Palladium-catalyzed decarboxylative vinylation of potassium nitrophenyl acetate: application to the total synthesis of (±)-goniomitine. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3272-6	16.4	88
1	Enantioselective total syntheses of leuconolam-leuconoxine-mersicarpine group monoterpene indole alkaloids. <i>Journal of the American Chemical Society</i> , 2013 , 135, 19127-30	16.4	102