

Zhengren Xu

List of Publications by Year in descending order

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21
papers

1,164
citations

567281

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580821

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docs citations

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times ranked

1428
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#	ARTICLE	IF	CITATIONS
1	Unified Strategy to Monoterpene Indole Alkaloids: Total Syntheses of (Â±)-Goniomitine, (Â±)-1,2-Dehydroaspidospermidine, (Â±)-Aspidospermidine, (Â±)-Vincadifformine, and (Â±)-Kopsihainanine A. <i>Journal of the American Chemical Society</i> , 2014, 136, 15102-15108.	13.7	136
2	Total Syntheses of (Âˆ)-Mersicarpine, (Âˆ)-Scholarisine G, (+)-Melodinine E, (Âˆ)-Leuconoxine, (Âˆ)-Leuconolam, (Âˆ)-Leuconodine A, (+)-Leuconodine F, and (Âˆ)-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
3	Metamorphosis of cycloalkenes for the divergent total synthesis of polycyclic indole alkaloids. <i>Chemical Society Reviews</i> , 2018, 47, 7882-7898.	38.1	117
4	Enantioselective Total Syntheses of Leuconolamâ€“Leuconoxineâ€“Mersicarpine Group Monoterpene Indole Alkaloids. <i>Journal of the American Chemical Society</i> , 2013, 135, 19127-19130.	13.7	112
5	Aqueous Titanium Trichloride Promoted Reductive Cyclization of 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
6	Palladiumâ€Catalyzed Decarboxylative Vinylation of Potassium Nitrophenyl Acetate: Application to the Total Synthesis of (Â±)-Goniomitine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3272-3276.	13.8	97
7	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
8	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
9	Enantioselective Total Syntheses of (Âˆ)-Rhazinilam, (Âˆ)-Leucomidine...B, and (+)-Leuconodine...F. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 760-763.	13.8	54
10	An Enantioselective Total Synthesis of (Âˆ)-Isoschizogamine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14937-14940.	13.8	42
11	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
12	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
13	A Longâ€Range Acting Dehydratase Domain as the Missing Link for C17â€Dehydration in Isoâ€Migrastatin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7247-7251.	13.8	15
14	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
15	Characterization of Enzymes Catalyzing the Formation of the Nonproteinogenic Amino Acid Dap in Capreomycin Biosynthesis. <i>Biochemistry</i> , 2021, 60, 77-84.	2.5	11
16	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
17	Bi-allelic Variants in LSS Cause Palmoplantar Keratoderma-Congenital Alopecia Syndrome Type 2. <i>Journal of Investigative Dermatology</i> , 2022, , .	0.7	8
18	A Longâ€Range Acting Dehydratase Domain as the Missing Link for C17â€Dehydration in Isoâ€Migrastatin Biosynthesis. <i>Angewandte Chemie</i> , 2017, 129, 7353-7357.	2.0	7

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19	New isofuranonaphthoquinones and isoindolequinones from <i>Streptomyces</i> sp. CB01883. <i>Journal of Antibiotics</i> , 2017, 70, 414-422.	2.0	7
20	Discovery of Kirromycins with Anti-Wolbachia Activity from <i>Streptomyces</i> sp. CB00686. <i>ACS Chemical Biology</i> , 2019, 14, 1174-1182.	3.4	7
21	Dual-Mechanism Confers Self-Resistance to the Antituberculosis Antibiotic Capreomycin. <i>ACS Chemical Biology</i> , 2022, 17, 138-146.	3.4	5