Qingfei Zheng

List of Publications by Year
in descending order

35	1,088	361413	414414
papers	citations	20 h-index	32 g-index

38	38	38	1139
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metatranscriptomics reveals different features of methanogenic archaea among global vegetated coastal ecosystems. Science of the Total Environment, 2022, 802, 149848.	8.0	10
2	Catabolic protein degradation in marine sediments confined to distinct archaea. ISME Journal, 2022, 16, 1617-1626.	9.8	12
3	Contributions of Human-Associated Archaeal Metabolites to Tumor Microenvironment and Carcinogenesis. Microbiology Spectrum, 2022, 10, e0236721.	3.0	15
4	Chemical Labeling and Enrichment of Histone Glyoxal Adducts. ACS Chemical Biology, 2022, 17, 756-761.	3.4	18
5	Deglycase-activity oriented screening to identify DJ-1 inhibitors. RSC Medicinal Chemistry, 2021, 12, 1232-1238.	3.9	13
6	Synthesis of an Alkynyl Methylglyoxal Probe to Investigate Nonenzymatic Histone Glycation. Journal of Organic Chemistry, 2020, 85, 1691-1697.	3.2	25
7	An Azidoribose Probe to Track Ketoamine Adducts in Histone Ribose Glycation. Journal of the American Chemical Society, 2020, 142, 9999-10007.	13.7	19
8	Protein arginine deiminase 4 antagonizes methylglyoxal-induced histone glycation. Nature Communications, 2020, 11, 3241.	12.8	39
9	Non-enzymatic covalent modifications: a new link between metabolism and epigenetics. Protein and Cell, 2020, 11, 401-416.	11.0	44
10	Utilizing intein trans-splicing for in vivo generation of site-specifically modified proteins. Methods in Enzymology, 2019, 626, 203-222.	1.0	3
11	Reversible histone glycation is associated with disease-related changes in chromatin architecture. Nature Communications, 2019, 10, 1289.	12.8	123
12	Insights into the thioamidation of thiopeptins to enhance the understanding of the biosynthetic logic of thioamide-containing thiopeptides. Organic and Biomolecular Chemistry, 2019, 17, 3727-3731.	2.8	20
13	(De)Toxifying the Epigenetic Code. Chemical Research in Toxicology, 2019, 32, 796-807.	3.3	26
14	Structural Insights into a Flavin-Dependent [4Â+ 2] Cyclase that Catalyzes trans-Decalin Formation in Pyrroindomycin Biosynthesis. Cell Chemical Biology, 2018, 25, 718-727.e3.	5.2	29
15	Bufospirostenin A and Bufogargarizin C, Steroids with Rearranged Skeletons from the Toad Bufo bufo gargarizans. Journal of Natural Products, 2017, 80, 1182-1186.	3.0	30
16	Isolation and identification of<scp>l</scp>/<scp>d</scp>-lactate-conjugated bufadienolides from toad eggs revealing lactate racemization in amphibians. Organic and Biomolecular Chemistry, 2017, 15, 5609-5615.	2.8	8
17	Chemo-enzymatic synthesis of equisetin. Chemical Communications, 2017, 53, 4695-4697.	4.1	30
18	Post-translational modifications involved in the biosynthesis of thiopeptide antibiotics. Organic and Biomolecular Chemistry, 2017, 15, 3376-3390.	2.8	43

#	Article	IF	Citations
19	A linear hydroxymethyl tetramate undergoes an acetylationâ€“elimination process for exocyclic methylene formation in the biosynthetic pathway of pyrroindomycins. Organic and Biomolecular Chemistry, 2017, 15, 88-91.	2.8	11
20	Progress in Synthesis of Thiopeptide Antibiotics Analogues. Chinese Journal of Organic Chemistry, 2017, 37, 1653.	1.3	0
21	Thiopeptide Antibiotics act on both Host and Microbe to Deliver Double Punch on Mycobacterial Infection. Mycobacterial Diseases: Tuberculosis & Leprosy, 2016, 06, .	0.1	3
22	Concurrent modifications of the C-terminus and side ring of thiostrepton and their synergistic effects with respect to improving antibacterial activities. Organic Chemistry Frontiers, 2016, 3, 496-500.	4.5	19
23	Molecular engineering of thiostrepton via single â€œbaseâ€•based mutagenesis to generate side ring-derived variants. Organic Chemistry Frontiers, 2016, 3, 1254-1258.	4.5	13
24	Precursor-Directed Mutational Biosynthesis Facilitates the Functional Assignment of Two Cytochromes P450 in Thiostrepton Biosynthesis. ACS Chemical Biology, 2016, 11, 2673-2678.	3.4	31
25	An Î±/Î²-hydrolase fold protein in the biosynthesis of thiostrepton exhibits a dual activity for endopeptidyl hydrolysis and epoxide ring opening/macrocyclization. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14318-14323.	7.1	32
26	Enzyme-Dependent [4Â+ 2] Cycloaddition Depends on Lid-like Interaction of the N-Terminal Sequence with the Catalytic Core in PyrI4. Cell Chemical Biology, 2016, 23, 352-360.	5.2	61
27	Recent advances in understanding the enzymatic reactions of [4+2] cycloaddition and spiroketalization. Current Opinion in Chemical Biology, 2016, 31, 95-102.	6.1	27
28	Rational Control of Polyketide Extender Units by Structureâ€Based Engineering of a Crotonylâ€CoA Carboxylase/Reductase in Antimycin Biosynthesis. Angewandte Chemie - International Edition, 2015, 54, 13462-13465.	13.8	26
29	Target-oriented design and biosynthesis of thiostrepton-derived thiopeptide antibiotics with improved pharmaceutical properties. Organic Chemistry Frontiers, 2015, 2, 106-109.	4.5	32
30	Thiopeptide Antibiotics Exhibit a Dual Mode of Action against Intracellular Pathogens by Affecting Both Host and Microbe. Chemistry and Biology, 2015, 22, 1002-1007.	6.0	55
31	An enzymatic [4+2] cyclization cascade creates the pentacyclic core of pyrroindomycins. Nature Chemical Biology, 2015, 11, 259-265.	8.0	122
32	Synthetic Biology in Natural Medicine Research. Scientia Sinica Vitae, 2015, 45, 1015-1026.	0.3	3
33	Insight into bicyclic thiopeptide biosynthesis benefited from development of a uniform approach for molecular engineering and production improvement. Chemical Science, 2014, 5, 240-246.	7.4	27
34	Discovery and efficient synthesis of a biologically active alkaloid inspired by thiostrepton biosynthesis. Tetrahedron, 2014, 70, 7686-7690.	1.9	20
35	Multiplexing of Combinatorial Chemistry in Antimycin Biosynthesis: Expansion of Molecular Diversity and Utility. Angewandte Chemie - International Edition, 2013, 52, 12308-12312.	13.8	72