

Guangde Jiang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly Enantioselective Bromocyclization of Tryptamines and Its Application in the Synthesis of (â ³)â€Chimonanthine. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12924-12927.	13.8	214
2	Photoenzymatic enantioselective intermolecular radical hydroalkylation. <i>Nature</i> , 2020, 584, 69-74.	27.8	171
3	Highly Asymmetric Bromocyclization of Tryptophol: Unexpected Accelerating Effect of DABCO-Derived Bromine Complex. <i>Organic Letters</i> , 2014, 16, 1908-1911.	4.6	82
4	ECNet is an evolutionary context-integrated deep learning framework for protein engineering. <i>Nature Communications</i> , 2021, 12, 5743.	12.8	66
5	Photoinduced chemomimetic biocatalysis for enantioselective intermolecular radical conjugate addition. <i>Nature Catalysis</i> , 2022, 5, 586-593.	34.4	50
6	Rational engineering of <i>Streptomyces albus</i> J1074 for the overexpression of secondary metabolite gene clusters. <i>Microbial Cell Factories</i> , 2018, 17, 25.	4.0	48
7	Cas12a-assisted precise targeted cloning using in vivo Cre-lox recombination. <i>Nature Communications</i> , 2021, 12, 1171.	12.8	43
8	Total Synthesis of (â ³)-Conolutinine. <i>Organic Letters</i> , 2015, 17, 4428-4431.	4.6	38
9	High-Yield Production of Herbicidal Thaxtomins and Thaxtomin Analogs in a Nonpathogenic <i>Streptomyces</i> Strain. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	26
10	Waikikiamides Aâ€C: Complex Diketopiperazine Dimer and Diketopiperazineâ€Polyketide Hybrids from a Hawaiian Marine Fungal Strain <i>Aspergillus</i> sp. FM242. <i>Organic Letters</i> , 2020, 22, 4408-4412.	4.6	25
11	Genetic background affects pathogenicity island function and pathogen emergence in <i>Streptomyces</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 1733-1741.	4.2	18
12	A Promiscuous Cytochrome P450 Hydroxylates Aliphatic and Aromatic Câ ³ H Bonds of Aromatic 2,5â€Diketopiperazines. <i>ChemBioChem</i> , 2019, 20, 1068-1077.	2.6	16
13	Biosynthesis and Heterologous Production of Mycosporine-Like Amino Acid Palythines. <i>Journal of Organic Chemistry</i> , 2021, 86, 11160-11168.	3.2	15
14	One-Pot Biocombinatorial Synthesis of Herbicidal Thaxtomins. <i>ACS Catalysis</i> , 2018, 8, 10761-10768.	11.2	14
15	Identification of phenoxyacetamide derivatives as novel DOT1L inhibitors via docking screening and molecular dynamics simulation. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 68, 128-139.	2.4	13
16	Fungal Epithiodiketopiperazines Carrying Î±,Î²â€Polysulfide Bridges from <i>Penicillium steckii</i> YE, and Their Chemical Interconversion. <i>ChemBioChem</i> , 2021, 22, 416-422.	2.6	11
17	Biochemical and structural characterization of <i>Haemophilus influenzae</i> nitroreductase in metabolizing nitroimidazoles. <i>RSC Chemical Biology</i> , 2022, 3, 436-446.	4.1	3