Xueting Liu

List of Publications by Year in descending order

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47	4,152	394421	206112
papers	citations	19 h-index	48 g-index

48	48	48	6701
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. Nature Biotechnology, 2016, 34, 828-837.	17.5	2,802
2	A CRISPR-Cas12a-derived biosensing platform for the highly sensitive detection of diverse small molecules. Nature Communications, 2019, 10, 3672.	12.8	281
3	Recent examples of Î±-ketoglutarate-dependent mononuclear non-haem iron enzymes in natural product biosyntheses. Natural Product Reports, 2018, 35, 792-837.	10.3	122
4	Harnessing the intracellular triacylglycerols for titer improvement of polyketides in Streptomyces. Nature Biotechnology, 2020, 38, 76-83.	17.5	116
5	Abyssomicins from the South China Sea Deepâ€Sea Sediment Verrucosispora sp.: Natural Thioether Michael Addition Adducts as Antitubercular Prodrugs. Angewandte Chemie - International Edition, 2013, 52, 1231-1234.	13.8	115
6	A marine-derived Streptomyces sp. MS449 produces high yield of actinomycin X2 and actinomycin D with potent anti-tuberculosis activity. Applied Microbiology and Biotechnology, 2012, 95, 919-927.	3.6	50
7	Anti-MRSA and anti-TB metabolites from marine-derived Verrucosispora sp. MS100047. Applied Microbiology and Biotechnology, 2016, 100, 7437-7447.	3.6	45
8	Chrysomycin A Derivatives for the Treatment of Multi-Drug-Resistant Tuberculosis. ACS Central Science, 2020, 6, 928-938.	11.3	43
9	Systematics-guided bioprospecting for bioactive microbial natural products. Antonie Van Leeuwenhoek, 2012, 101, 55-66.	1.7	39
10	Cytotoxic cardenolides from the latex of Calotropis procera. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4615-4620.	2.2	36
11	Beauvericin counteracted multi-drug resistant Candida albicans by blocking ABC transporters. Synthetic and Systems Biotechnology, 2016, 1, 158-168.	3.7	31
12	Benzophenone C-glucosides and gallotannins from mango tree stem bark with broad-spectrum anti-viral activity. Bioorganic and Medicinal Chemistry, 2014, 22, 2236-2243.	3.0	29
13	Exploring anti-TB leads from natural products library originated from marine microbes and medicinal plants. Antonie Van Leeuwenhoek, 2012, 102, 447-461.	1.7	28
14	A systems approach using OSMAC, Log P and NMR fingerprinting: An approach to novelty. Synthetic and Systems Biotechnology, 2017, 2, 276-286.	3.7	25
15	Noncyanogenic Cyanoglucoside Cyclooxygenase Inhibitors from Simmondsia chinensis. Organic Letters, 2016, 18, 1728-1731.	4.6	24
16	Interrogation of Streptomyces avermitilis for efficient production of avermectins. Synthetic and Systems Biotechnology, 2016, 1, 7-16.	3.7	24
17	A new abyssomicin polyketide with anti-influenza A virus activity from a marine-derived Verrucosispora sp. MS100137. Applied Microbiology and Biotechnology, 2020, 104, 1533-1543.	3.6	24
18	Genome-Inspired Chemical Exploration of Marine Fungus Aspergillus fumigatus MF071. Marine Drugs, 2020, 18, 352.	4.6	22

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19	Genome-Based Discovery of Enantiomeric Pentacyclic Sesterterpenes Catalyzed by Fungal Bifunctional Terpene Synthases. Organic Letters, 2021, 23, 4645-4650.	4.6	22
20	Genome- and MS-based mining of antibacterial chlorinated chromones and xanthones from the phytopathogenic fungus Bipolaris sorokiniana strain 11134. Applied Microbiology and Biotechnology, 2019, 103, 5167-5181.	3.6	18
21	Genome-based mining of new antimicrobial meroterpenoids from the phytopathogenic fungus Bipolaris sorokiniana strain 11134. Applied Microbiology and Biotechnology, 2020, 104, 3835-3846.	3.6	18
22	Fungal biotransformation of tanshinone results in [4+2] cycloaddition with sorbicillinol: evidence for enzyme catalysis and increased antibacterial activity. Applied Microbiology and Biotechnology, 2016, 100, 8349-8357.	3.6	16
23	3DScapeCS: application of three dimensional, parallel, dynamic network visualization in Cytoscape. BMC Bioinformatics, 2013, 14, 322.	2.6	14
24	New cryptotanshinone derivatives with anti-influenza A virus activities obtained via biotransformation by Mucor rouxii. Applied Microbiology and Biotechnology, 2017, 101, 6365-6374.	3.6	14
25	Prauserella shujinwangii sp. nov., from a desert environment. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3833-3837.	1.7	13
26	Anti-mycobacterial natural products and mechanisms of action. Natural Product Reports, 2022, 39, 77-89.	10.3	13
27	Recent advances in biotechnology for marine enzymes and molecules. Current Opinion in Biotechnology, 2021, 69, 308-315.	6.6	12
28	Genomics-guided discovery of a new and significantly better source of anticancer natural drug FK228. Synthetic and Systems Biotechnology, 2018, 3, 268-274.	3.7	11
29	Dissecting the Mechanism of the Nonheme Iron Endoperoxidase FtmOx1 Using Substrate Analogues. Jacs Au, 2022, 2, 1686-1698.	7.9	11
30	Lipoxygenase inhibitors from the latex of Calotropis Procera. Archives of Pharmacal Research, 2016, , 1.	6.3	10
31	Protective immune mechanisms of Yifei Tongluo, a Chinese herb formulation, in the treatment of mycobacterial infection. PLoS ONE, 2018, 13, e0203678.	2.5	10
32	Characterization of anti-BCG benz[Î±]anthraquinones and new siderophores from a Xinjiang desertâ€“isolated rare actinomycete Nocardia sp. XJ31. Applied Microbiology and Biotechnology, 2020, 104, 8267-8278.	3.6	10
33	Peculiarities of meroterpenoids and their bioproduction. Applied Microbiology and Biotechnology, 2021, 105, 3987-4003.	3.6	10
34	A model to predict anti-tuberculosis activity: value proposition for marine microorganisms. Journal of Antibiotics, 2016, 69, 594-599.	2.0	9
35	Generation of Fluorinated Amychelin Siderophores against Pseudomonas aeruginosa Infections by a Combination of Genome Mining and Mutasynthesis. Cell Chemical Biology, 2020, 27, 1532-1543.e6.	5.2	9
36	Molecular networking assisted discovery and biosynthesis elucidation of the antimicrobial spiroketals epicospirocins. Chemical Communications, 2020, 56, 10171-10174.	4.1	9

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37	Antibacterial polyene-polyol macrolides and cyclic peptides from the marine-derived Streptomyces sp. MS110128. Applied Microbiology and Biotechnology, 2021, 105, 4975-4986.	3.6	9
38	Discovery of tanshinone derivatives with anti-MRSA activity via targeted bio-transformation. Synthetic and Systems Biotechnology, 2016, 1, 187-194.	3.7	8
39	Establishment and Application of a High Throughput Screening System Targeting the Interaction between HCV Internal Ribosome Entry Site and Human Eukaryotic Translation Initiation Factor 3. Frontiers in Microbiology, 2017, 8, 977.	3.5	8
40	Different fates of avermectin and artemisinin in China. Science China Life Sciences, 2016, 59, 634-636.	4.9	7
41	Brocaeloid D, a novel compound isolated from a wheat pathogenic fungus, Microdochium majus 99049. Synthetic and Systems Biotechnology, 2019, 4, 173-179.	3.7	6
42	Genome-guided investigation of anti-inflammatory sesterterpenoids with 5-15 trans-fused ring system from phytopathogenic fungi. Applied Microbiology and Biotechnology, 2021, 105, 5407-5417.	3.6	6
43	Characterization ofStreptomycessp. LS462 with high productivity of echinomycin, a potent antituberculosis and synergistic antifungal antibiotic. Journal of Industrial Microbiology and Biotechnology, 2021, 48, .	3.0	6
44	Differential Nanoscale Topography Dedicates Osteocyte-Manipulated Osteogenesis via Regulation of the TGF-Î² Signaling Pathway. International Journal of Molecular Sciences, 2022, 23, 4212.	4.1	4
45	Synergistic antifungal indolecarbazoles from Streptomyces sp. CNS-42 associated with traditional Chinese medicine Alisma orientale. Journal of Antibiotics, 2017, 70, 715-717.	2.0	3
46	Two novel aliphatic unsaturated alcohols isolated from a pathogenic fungus Fusarium proliferatum. Synthetic and Systems Biotechnology, 2021, 6, 446-451.	3.7	3
47	Exploring Verrucosidin Derivatives with Glucose-Uptake-Stimulatory Activity from Penicillium cellarum Using MS/MS-Based Molecular Networking. Journal of Fungi (Basel, Switzerland), 2022, 8, 143.	3.5	3