Miaomiao Liu

List of Publications by Year
in descending order

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40 papers	1,085 citations	394286 19 h-index	434063 31 g-index
41 all docs	41 docs citations	41 times ranked	1809 citing authors

#	Article	IF	Citations
1	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.	7.2	115
2	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. Natural Product Reports, 2019, 36, 35-107.	5.2	92
3	New benzoate derivatives and hirsutane type sesquiterpenoids with antimicrobial activity and cytotoxicity from the solid-state fermented rice by the medicinal mushroom Stereum hirsutum. Food Chemistry, 2014, 143, 239-245.	4.2	69
4	Potential of marine natural products against drug-resistant bacterial infections. Lancet Infectious Diseases, The, 2019, 19, e237-e245.	4.6	67
5	Fragment-Based Screening of a Natural Product Library against 62 Potential Malaria Drug Targets Employing Native Mass Spectrometry. ACS Infectious Diseases, 2018, 4, 431-444.	1.8	50
6	Caesanines Aâ€“D, New Cassane Diterpenes with Unprecedented N Bridge from Caesalpinia sappan. Organic Letters, 2013, 15, 4726-4729.	2.4	46
7	Anti-MRSA and anti-TB metabolites from marine-derived Verrucosispora sp. MS100047. Applied Microbiology and Biotechnology, 2016, 100, 7437-7447.	1.7	45
8	3-Anhydro-6-hydroxy-ophiobolin A, a new sesterterpene inhibiting the growth of methicillin-resistant Staphylococcus aureus and inducing the cell death by apoptosis on K562, from the phytopathogenic fungus Bipolaris oryzae. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3547-3550.	1.0	37
9	Cytotoxic cardenolides from the latex of Calotropis procera. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4615-4620.	1.0	36
10	A natural product compound inhibits coronaviral replication inÂvitro by binding to the conserved Nsp9 SARS-CoV-2 protein. Journal of Biological Chemistry, 2021, 297, 101362.	1.6	35
11	Endophytic Streptomyces sp. Y3111 from traditional Chinese medicine produced antitubercular pluramycins. Applied Microbiology and Biotechnology, 2014, 98, 1077-1085.	1.7	30
12	Hepatitis C Virus NS3 Protease and Helicase Inhibitors from Red Sea Sponge (Amphimedon) Species in Green Synthesized Silver Nanoparticles Assisted by in Silico Modeling and Metabolic Profiling . International Journal of Nanomedicine, 2020, Volume 15, 3377-3389.	3.3	30
13	Exploring anti-TB leads from natural products library originated from marine microbes and medicinal plants. Antonie Van Leeuwenhoek, 2012, 102, 447-461.	0.7	28
14	Staurosporine from the endophytic Streptomyces sp. strain CNS-42 acts as a potential biocontrol agent and growth elicitor in cucumber. Antonie Van Leeuwenhoek, 2014, 106, 515-525.	0.7	26
15	A systems approach using OSMAC, Log P and NMR fingerprinting: An approach to novelty. Synthetic and Systems Biotechnology, 2017, 2, 276-286.	1.8	25
16	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.	1.7	24
17	Marine natural products from sponges (Porifera) of the order Dictyoceratida (2013 to 2019); a promising source for drug discovery. RSC Advances, 2020, 10, 34959-34976.	1.7	24
18	Native Mass Spectrometry for the Study of PROTAC GNEâ€987â€Containing Ternary Complexes. ChemMedChem, 2021, 16, 2206-2210.	1.6	23

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19	Genome-Inspired Chemical Exploration of Marine Fungus Aspergillus fumigatus MF071. Marine Drugs, 2020, 18, 352.	2.2	22
20	Design and Synthesis of Natural Product Inspired Libraries Based on the Three-Dimensional (3D) Cedrane Scaffold: Toward the Exploration of 3D Biological Space. Journal of Medicinal Chemistry, 2018, 61, 6609-6628.	2.9	20
21	Fragment-based screening with natural products for novel anti-parasitic disease drug discovery. Expert Opinion on Drug Discovery, 2019, 14, 1283-1295.	2.5	19
22	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.	1.7	18
23	Discovery of a Natural Product That Binds to the Mycobacterium tuberculosis Protein Rv1466 Using Native Mass Spectrometry. Molecules, 2020, 25, 2384.	1.7	18
24	Genome-based mining of new antimicrobial meroterpenoids from the phytopathogenic fungus Bipolaris sorokiniana strain 11134. Applied Microbiology and Biotechnology, 2020, 104, 3835-3846.	1.7	18
25	Antibacterial Spirobisnaphthalenes from the North American Cup Fungus Urnula craterium. Journal of Natural Products, 2012, 75, 1534-1538.	1.5	17
26	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.	1.7	16
27	Development of a target identification approach using native mass spectrometry. Scientific Reports, 2021, 11, 2387.	1.6	15
28	Testicular Caspase-3 and Î²-Catenin Regulators Predicted via Comparative Metabolomics and Docking Studies. Metabolites, 2020, 10, 31.	1.3	14
29	Coicenals Aâ€“D, Four New Diterpenoids with New Chemical Skeletons from the Plant Pathogenic Fungus Bipolaris coicis. Organic Letters, 2013, 15, 3982-3985.	2.4	12
30	A Phenotarget Approach for Identifying an Alkaloid Interacting with the Tuberculosis Protein Rv1466. Marine Drugs, 2020, 18, 149.	2.2	11
31	Lipoxygenase inhibitors from the latex of Calotropis Procera. Archives of Pharmacal Research, 2016, , 1.	2.7	10
32	Antimicrobial Benzyltetrahydroisoquinoline-Derived Alkaloids from the Leaves of Doryphora aromatica. Journal of Natural Products, 2021, 84, 676-682.	1.5	10
33	Binding Studies of the Prodrug HAO472 to SARS-Cov-2 Nsp9 and Variants. ACS Omega, 2022, 7, 7327-7332.	1.6	10
34	A model to predict anti-tuberculosis activity: value proposition for marine microorganisms. Journal of Antibiotics, 2016, 69, 594-599.	1.0	9
35	Is it time for artificial intelligence to predict the function of natural products based on 2D-structure. MedChemComm, 2019, 10, 1667-1677.	3.5	9
36	Discovery of tanshinone derivatives with anti-MRSA activity via targeted bio-transformation. Synthetic and Systems Biotechnology, 2016, 1, 187-194.	1.8	8

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37	Collision-Induced Affinity Selection Mass Spectrometry for Identification of Ligands. ACS Bio & Med Chem Au, 2022, 2, 450-455.	1.7	7
38	Identifying New Ligands for JNK3 by Fluorescence Thermal Shift Assays and Native Mass Spectrometry. ACS Omega, 2022, 7, 13925-13931.	1.6	6
39	Synergistic antifungal indolecarbazoles from Streptomyces sp. CNS-42 associated with traditional Chinese medicine Alisma orientale. Journal of Antibiotics, 2017, 70, 715-717.	1.0	3
40	Extraction Methods of Natural Products from Traditional Chinese Medicines. Methods in Molecular Biology, 2015, 1263, 177-185.	0.4	2