

Lan Liu

List of Publications by Year in descending order

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62
papers

1,229
citations

331670

21
h-index

434195

31
g-index

62
all docs

62
docs citations

62
times ranked

1193
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial dark matter coming to light: challenges and opportunities. National Science Review, 2021, 8, nwaa280.	9.5	86
2	The chemistry and biology of fungal meroterpenoids (2009–2019). Organic and Biomolecular Chemistry, 2021, 19, 1644-1704.	2.8	73
3	Insight into the function and evolution of the Wood–Ljungdahl pathway in <i>Actinobacteria</i> . ISME Journal, 2021, 15, 3005-3018.	9.8	55
4	Induction of Diverse Bioactive Secondary Metabolites from the Mangrove Endophytic Fungus <i>Trichoderma</i> sp. (Strain 307) by Co-Cultivation with <i>Acinetobacter johnsonii</i> (Strain B2). Marine Drugs, 2017, 15, 35.	4.6	51
5	Dichloroisocoumarins with Potential Anti-Inflammatory Activity from the Mangrove Endophytic Fungus <i>Ascomycota</i> sp. CYSK-4. Marine Drugs, 2018, 16, 54.	4.6	51
6	A Review of Terpenes from Marine-Derived Fungi: 2015–2019. Marine Drugs, 2020, 18, 321.	4.6	50
7	Ascomylactams A–C, Cytotoxic 12- or 13-Membered-Ring Macrocyclic Alkaloids Isolated from the Mangrove Endophytic Fungus <i>Didymella</i> sp. CYSK-4, and Structure Revisions of Phomapyrrolidones A and C. Journal of Natural Products, 2019, 82, 1752-1758.	3.0	43
8	Four Eremophilane Sesquiterpenes from the Mangrove Endophytic Fungus <i>Xylaria</i> sp. BL321. Marine Drugs, 2012, 10, 340-348.	4.6	40
9	Antiviral and anti-inflammatory meroterpenoids: stachybonoids A–F from the crinoid-derived fungus <i>Stachybotrys chartarum</i> 952. RSC Advances, 2017, 7, 49910-49916.	3.6	40
10	The Biological and Chemical Diversity of Tetramic Acid Compounds from Marine-Derived Microorganisms. Marine Drugs, 2020, 18, 114.	4.6	40
11	Anti-inflammatory Mono- and Dimeric Sorbicillinoids from the Marine-Derived Fungus <i>Trichoderma reesei</i> 4670. Journal of Natural Products, 2019, 82, 947-957.	3.0	39
12	Cytotoxic Naphthopyrones from the Mangrove Endophytic Fungus <i>Aspergillus tubingensis</i> (CX1–5E). Helvetica Chimica Acta, 2011, 94, 1732-1740.	1.6	35
13	Alterporriol-Type Dimers from the Mangrove Endophytic Fungus, <i>Alternaria</i> sp. (SK11), and Their MptpB Inhibitions. Marine Drugs, 2014, 12, 2953-2969.	4.6	30
14	Phomopsichin D; Four New Chromone Derivatives from Mangrove Endophytic Fungus <i>Phomopsis</i> sp. 33#. Marine Drugs, 2016, 14, 215.	4.6	29
15	Loddigesiinols G–J: β -Glucosidase Inhibitors from <i>Dendrobium loddigesii</i> . Molecules, 2014, 19, 8544-8555.	3.8	27
16	Phochrodines D, first naturally occurring new chromenopyridines from mangrove endophytic fungus <i>Phomopsis</i> sp. 33#. FASEB J, 2018, 124, 103-107.	2.2	27
17	Network-directed efficient isolation of previously uncultivated <i>Chloroflexi</i> and related bacteria in hot spring microbial mats. Npj Biofilms and Microbiomes, 2020, 6, 20.	6.4	27
18	Advances in catalytic decarboxylation of bioderived fatty acids to diesel-range alkanes. Renewable and Sustainable Energy Reviews, 2022, 158, 112178.	16.4	26

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19	Six New Polyketide Decalin Compounds from Mangrove Endophytic Fungus <i>Penicillium aurantiogriseum</i> 328#. <i>Marine Drugs</i> , 2015, 13, 6306-6318.	4.6	25
20	Anticancer fungal natural products: Mechanisms of action and biosynthesis. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112502.	5.5	25
21	Anti-glioma trichobamide A with an unprecedented tetrahydro-5 <i>H</i> -furo[2,3- <i>b</i>]pyrrol-5-one functionality from ascidian-derived fungus <i>Trichobotrys effuse</i> 4729. <i>Chemical Communications</i> , 2019, 55, 1438-1441.	4.1	24
22	Î±-Glucosidase inhibitory and cytotoxic botryorhodines from mangrove endophytic fungus <i>Trichoderma</i> sp. 307. <i>Natural Product Research</i> , 2018, 32, 2887-2892.	1.8	23
23	Isolation of <i>Clostridium</i> from Yunnan-Tibet hot springs and description of <i>Clostridium thermarum</i> sp. nov. with lignocellulosic ethanol production. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126104.	2.8	23
24	Anti-inflammatory prenylbenzaldehyde derivatives isolated from <i>Eurotium cristatum</i> . <i>Phytochemistry</i> , 2019, 158, 120-125.	2.9	19
25	Amphichoterpenoids A-C, unprecedented picoline-derived meroterpenoids from the ascidian-derived fungus <i>Amphichorda felina</i> SYSU-MS7908. <i>Chinese Chemical Letters</i> , 2021, 32, 1893-1896.	9.0	19
26	Penicamide A, A Unique N,N'-Ketal Quinazolinone Alkaloid from Ascidian-Derived Fungus <i>Penicillium</i> sp. 4829. <i>Marine Drugs</i> , 2019, 17, 522.	4.6	18
27	The use of marine-derived fungi for preparation of enantiomerically pure alcohols. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1317-1330.	3.6	17
28	Heterologous Expression of Ilicicolin H Biosynthetic Gene Cluster and Production of a New Potent Antifungal Reagent, Ilicicolin J. <i>Molecules</i> , 2019, 24, 2267.	3.8	15
29	Two new isochromane derivatives penisochromanes A and B from ascidian-derived fungus <i>Penicillium</i> sp. 4829. <i>Natural Product Research</i> , 2019, 33, 1262-1268.	1.8	14
30	Anti-Inflammatory Cembrane-Type Diterpenoids and Prostaglandins from Soft Coral <i>Lobophytum sarcophytoides</i> . <i>Marine Drugs</i> , 2019, 17, 481.	4.6	14
31	Expression and characterization of a cold-adapted, salt- and glucose-tolerant GH1 Î²-glucosidase obtained from <i>Thermobifida</i> halotolerans and its use in sugarcane bagasse hydrolysis. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1245-1253.	4.6	14
32	Identification of fusarielin M as a novel inhibitor of <i>Mycobacterium tuberculosis</i> protein tyrosine phosphatase B (MptpB). <i>Bioorganic Chemistry</i> , 2021, 106, 104495.	4.1	14
33	Identification of Inhibitory Compounds Against Singapore Grouper Iridovirus Infection by Cell Viability-Based Screening Assay and Droplet Digital PCR. <i>Marine Biotechnology</i> , 2018, 20, 35-44.	2.4	13
34	A Comparative Study on Asymmetric Reduction of Ketones Using the Growing and Resting Cells of Marine-Derived Fungi. <i>Marine Drugs</i> , 2018, 16, 62.	4.6	13
35	<i>Rhabdothermincola sediminis</i> gen. nov., sp. nov., a new actinobacterium isolated from hot spring sediment, and emended description of the family lamiaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	1.7	13
36	Mono- and Dimeric Naphthalenones from the Marine-Derived Fungus <i>Leptosphaerulina chartarum</i> 3608. <i>Marine Drugs</i> , 2018, 16, 173.	4.6	12

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37	Absolute configuration of polypropionate derivatives: Decempyrones and their MptpA inhibition and anti-inflammatory activities. <i>Bioorganic Chemistry</i> , 2021, 115, 105156.	4.1	12
38	Genome-based reclassification of the genus <i>Meiothermus</i> along with the proposal of a new genus <i>Allomeiothermus</i> gen. nov. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 645.	1.7	12
39	Corrosion of aluminum alloy 7075 induced by marine <i>Aspergillus terreus</i> with continued organic carbon starvation. <i>Npj Materials Degradation</i> , 2022, 6, .	5.8	12
40	Asymmetric Ketone Reduction by Immobilized <i>Rhodotorula mucilaginosa</i> . <i>Catalysts</i> , 2018, 8, 165.	3.5	11
41	Roussoelins A and B: two phenols with antioxidant capacity from ascidian-derived fungus <i>Roussoella siamensis</i> SYSU-MS4723. <i>Marine Life Science and Technology</i> , 2021, 3, 69-76.	4.6	10
42	<i>Thermaurantiacus tibetensis</i> gen. nov., sp. nov., a novel moderately thermophilic bacterium isolated from hot spring microbial mat in Tibet. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 445-455.	1.7	10
43	<i>Thermomonas flagellata</i> sp. nov. and <i>Thermomonas alba</i> sp. nov., two novel members of the phylum Pseudomonadota isolated from hot spring sediments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	9
44	<i>Thermus brevis</i> sp. nov., a moderately thermophilic bacterium isolated from a hot spring microbial mat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	1.7	7
45	Immobilized and Free Cells of <i>Geotrichum candidum</i> for Asymmetric Reduction of Ketones: Stability and Recyclability. <i>Molecules</i> , 2018, 23, 2144.	3.8	6
46	Mono- and Dimeric Xanthones with Anti-Glioma and Anti-Inflammatory Activities from the Ascidian-Derived Fungus <i>Diaporthe</i> sp. SYSU-MS4722. <i>Marine Drugs</i> , 2022, 20, 51.	4.6	6
47	Genome Mining of $\hat{\pm}$ -Pyrone Natural Products from Ascidian-Derived Fungus <i>Amphichordafelina</i> SYSU-MS7908. <i>Marine Drugs</i> , 2022, 20, 294.	4.6	6
48	Organic Solvent-Tolerant Marine Microorganisms as Catalysts for Kinetic Resolution of Cyclic $\hat{\pm}$ -Hydroxy Ketones. <i>Marine Biotechnology</i> , 2017, 19, 351-360.	2.4	5
49	Secondary Metabolites with Nitric Oxide Inhibition from Marine-Derived Fungus <i>Alternaria</i> sp. 5102. <i>Marine Drugs</i> , 2020, 18, 426.	4.6	5
50	Two new sesquiterpenes derivatives from marine fungus <i>Leptosphaerulina chartarum</i> sp. 3608. <i>Natural Product Research</i> , 2018, 32, 2297-2303.	1.8	5
51	A robust high-throughput fluorescent polarization assay for the evaluation and screening of SARS-CoV-2 fusion inhibitors. <i>Bioorganic Chemistry</i> , 2021, 116, 105362.	4.1	4
52	Diversity and Distribution of Anaerobic Ammonium Oxidation Bacteria in Hot Springs of Conghua, China. <i>Frontiers in Microbiology</i> , 2021, 12, 739234.	3.5	4
53	Naphthalenones and Naphthols Isolated from the <i>Saussurea laniceps</i> Endophytic Fungus <i>Didymella glomerata</i> X223. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000315.	2.1	3
54	Tyrosine and tereazine derivatives from the marine-sponge-derived fungus <i>Phoma herbarum</i> YG5839. <i>Natural Product Research</i> , 2022, 36, 4003-4008.	1.8	3

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55	Antiplatelet and Antithrombotic Effects of Isaridin E Isolated from the Marine-Derived Fungus via Downregulating the PI3K/Akt Signaling Pathway. <i>Marine Drugs</i> , 2022, 20, 23.	4.6	3
56	Comparative genomic analysis of <i>Thermus</i> provides insights into the evolutionary history of an incomplete denitrification pathway. , 0, , .		3
57	Antimicrobial Activities of Sponge-Derived Microorganisms from Coastal Waters of Central Vietnam. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 594.	2.6	2
58	Fusarins Gâ€L with Inhibition of NO in RAW264.7 from Marine-Derived Fungus <i>Fusarium solani</i> 7227. <i>Marine Drugs</i> , 2021, 19, 305.	4.6	2
59	Combined active pocket and hinge region engineering to develop an NADPH-dependent phenylglycine dehydrogenase. <i>Bioorganic Chemistry</i> , 2022, 120, 105601.	4.1	2
60	<i>Rhodoflexus caldus</i> gen. nov., sp. nov., a new member of the phylum Bacteroidota isolated from a hot spring sediment. <i>Antonie Van Leeuwenhoek</i> , 2022, , 1.	1.7	2
61	Recent Advances in the Synthesis of Marine-Derived Alkaloids via Enzymatic Reactions. <i>Marine Drugs</i> , 2022, 20, 368.	4.6	1
62	Structural Characterization and Immunoenhancing Effects of a Polysaccharide from the Soft Coral <i>Lobophytum sarcophytoides</i> . <i>Marine Biotechnology</i> , 2022, 24, 203-215.	2.4	0