

Lan Liu

List of Publications by Year in descending order

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62
papers

1,229
citations

331670

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434195

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times ranked

1193
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#	ARTICLE	IF	CITATIONS
1	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
2	Mono- and Dimeric Xanthonones 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
3	Combined active pocket and hinge region engineering to develop an NADPH-dependent phenylglycine dehydrogenase. <i>Bioorganic Chemistry</i> , 2022, 120, 105601.	4.1	2
4	Advances in catalytic decarboxylation of bioderived fatty acids to diesel-range alkanes. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112178.	16.4	26
5	<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
6	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
7	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
8	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
9	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
10	Genome Mining of $\hat{1}$ -Pyrone Natural Products from Ascidian-Derived Fungus <i>Amphichordafelina</i> SYSU-MS7908. <i>Marine Drugs</i> , 2022, 20, 294.	4.6	6
11	<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
12	Recent Advances in the Synthesis of Marine-Derived Alkaloids via Enzymatic Reactions. <i>Marine Drugs</i> , 2022, 20, 368.	4.6	1
13	<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
14	Expression and characterization of a cold-adapted, salt- and glucose-tolerant GH1 $\hat{2}$ -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
15	The chemistry and biology of fungal meroterpenoids (2009–2019). <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1644-1704.	2.8	73
16	Identification of fusarielin M as a novel inhibitor of <i>Mycobacterium tuberculosis</i> protein tyrosine phosphatase B (MtpB). <i>Bioorganic Chemistry</i> , 2021, 106, 104495.	4.1	14
17	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
18	<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

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19	Fusarins 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
20	Insight into the function and evolution of the Wood-Ljungdahl pathway in <i>Actinobacteria</i> . <i>ISME Journal</i> , 2021, 15, 3005-3018.	9.8	55
21	Amphichoterpenoids with 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
22	Absolute configuration of polypropionate derivatives: Decempyrones and their MptpA inhibition and anti-inflammatory activities. <i>Bioorganic Chemistry</i> , 2021, 115, 105156.	4.1	12
23	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
24	Microbial dark matter coming to light: challenges and opportunities. <i>National Science Review</i> , 2021, 8, nwaa280.	9.5	86
25	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
26	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
27	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
28	A Review of Terpenes from Marine-Derived Fungi: 2015–2019. <i>Marine Drugs</i> , 2020, 18, 321.	4.6	50
29	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
30	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
31	Anticancer fungal natural products: Mechanisms of action and biosynthesis. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112502.	5.5	25
32	The Biological and Chemical Diversity of Tetramic Acid Compounds from Marine-Derived Microorganisms. <i>Marine Drugs</i> , 2020, 18, 114.	4.6	40
33	Network-directed efficient isolation of previously uncultivated <i>Chloroflexi</i> and related bacteria in hot spring microbial mats. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 20.	6.4	27
34	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
35	Anti-Inflammatory Cembrane-Type Diterpenoids and Prostaglandins from Soft Coral <i>Lobophytum sarcophytoides</i> . <i>Marine Drugs</i> , 2019, 17, 481.	4.6	14
36	Ascomylactams with 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. <i>Journal of Natural Products</i> , 2019, 82, 1752-1758.	3.0	43

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37	Penicamide A, A Unique N,Nâ€²-Ketal Quinazolinone Alkaloid from Ascidian-Derived Fungus <i>Penicillium</i> sp. 4829. <i>Marine Drugs</i> , 2019, 17, 522.	4.6	18
38	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
39	Heterologous Expression of Illicolin H Biosynthetic Gene Cluster and Production of a New Potent Antifungal Reagent, Illicolin J. <i>Molecules</i> , 2019, 24, 2267.	3.8	15
40	Anti-inflammatory Mono- and Dimeric Sorbicillinoids from the Marine-Derived Fungus <i>Trichoderma reesei</i> 4670. <i>Journal of Natural Products</i> , 2019, 82, 947-957.	3.0	39
41	Anti-inflammatory prenylbenzaldehyde derivatives isolated from <i>Eurotium cristatum</i> . <i>Phytochemistry</i> , 2019, 158, 120-125.	2.9	19
42	<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
43	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
44	Phochrodines Aâ€”D, first naturally occurring new chromenopyridines from mangrove endophytic fungus <i>Phomopsis</i> sp. 33#. <i>FÄ–toterapÄ–Ä†</i> , 2018, 124, 103-107.	2.2	27
45	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
46	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
47	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
48	Asymmetric Ketone Reduction by Immobilized <i>Rhodotorula mucilaginosa</i> . <i>Catalysts</i> , 2018, 8, 165.	3.5	11
49	Dichloroisocoumarins with Potential Anti-Inflammatory Activity from the Mangrove Endophytic Fungus <i>Ascomycota</i> sp. CYSK-4. <i>Marine Drugs</i> , 2018, 16, 54.	4.6	51
50	Mono- and Dimeric Naphthalenones from the Marine-Derived Fungus <i>Leptosphaerulina chartarum</i> 3608. <i>Marine Drugs</i> , 2018, 16, 173.	4.6	12
51	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
52	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
53	Organic Solvent-Tolerant Marine Microorganisms as Catalysts for Kinetic Resolution of Cyclic Î²-Hydroxy Ketones. <i>Marine Biotechnology</i> , 2017, 19, 351-360.	2.4	5
54	Antiviral and anti-inflammatory meroterpenoids: stachybonoids Aâ€”F from the crinoid-derived fungus <i>Stachybotrys chartarum</i> 952. <i>RSC Advances</i> , 2017, 7, 49910-49916.	3.6	40

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55	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). <i>Marine Drugs</i> , 2017, 15, 35.	4.6	51
56	Phomopsichin A; Four New Chromone Derivatives from Mangrove Endophytic Fungus <i>Phomopsis</i> sp. 33#. <i>Marine Drugs</i> , 2016, 14, 215.	4.6	29
57	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
58	Loddigesiinols A: β -Glucosidase Inhibitors from <i>Dendrobium loddigesii</i> . <i>Molecules</i> , 2014, 19, 8544-8555.	3.8	27
59	Alterporriol-Type Dimers from the Mangrove Endophytic Fungus, <i>Alternaria</i> sp. (SK11), and Their MptpB Inhibitions. <i>Marine Drugs</i> , 2014, 12, 2953-2969.	4.6	30
60	Four Eremophilane Sesquiterpenes from the Mangrove Endophytic Fungus <i>Xylaria</i> sp. BL321. <i>Marine Drugs</i> , 2012, 10, 340-348.	4.6	40
61	Cytotoxic Naphthopyrones from the Mangrove Endophytic Fungus <i>Aspergillus tubingensis</i> (GX15E). <i>Helvetica Chimica Acta</i> , 2011, 94, 1732-1740.	1.6	35
62	Comparative genomic analysis of <i>Thermus</i> provides insights into the evolutionary history of an incomplete denitrification pathway. , 0, , .		3