

Lixin Zhang

List of Publications by Year in descending order

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221
papers

12,581
citations

38742

50
h-index

31849

101
g-index

232
all docs

232
docs citations

232
times ranked

16878
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
2	Molecular Networking as a Dereplication Strategy. <i>Journal of Natural Products</i> , 2013, 76, 1686-1699.	3.0	475
3	CRISPR-Cas9 Based Engineering of Actinomycetal Genomes. <i>ACS Synthetic Biology</i> , 2015, 4, 1020-1029.	3.8	365
4	Effects of actinobacteria on plant disease suppression and growth promotion. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9621-9636.	3.6	323
5	Boundary activated hydrogen evolution reaction on monolayer MoS ₂ . <i>Nature Communications</i> , 2019, 10, 1348.	12.8	263
6	NLLSS: Predicting Synergistic Drug Combinations Based on Semi-supervised Learning. <i>PLoS Computational Biology</i> , 2016, 12, e1004975.	3.2	250
7	High-throughput synergy screening identifies microbial metabolites as combination agents for the treatment of fungal infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4606-4611.	7.1	242
8	Identification of Novel Inhibitors of <i>M. tuberculosis</i> Growth Using Whole Cell Based High-Throughput Screening. <i>ACS Chemical Biology</i> , 2012, 7, 1377-1384.	3.4	232
9	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019, 37, 1287-1293.	17.5	206
10	Genomic Encyclopedia of Bacteria and Archaea: Sequencing a Myriad of Type Strains. <i>PLoS Biology</i> , 2014, 12, e1001920.	5.6	190
11	The GAAS Metagenomic Tool and Its Estimations of Viral and Microbial Average Genome Size in Four Major Biomes. <i>PLoS Computational Biology</i> , 2009, 5, e1000593.	3.2	177
12	Inhibition of <i>Vibrio</i> biofilm formation by a marine actinomycete strain A66. <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 1137-1144.	3.6	167
13	Exploiting a precise design of universal synthetic modular regulatory elements to unlock the microbial natural products in <i>Streptomyces</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12181-12186.	7.1	155
14	Mechanisms of antibiotic resistance. <i>Frontiers in Microbiology</i> , 2015, 6, 34.	3.5	150
15	Interaction of 14-3-3 with a Nonphosphorylated Protein Ligand, Exoenzyme S of <i>Pseudomonas aeruginosa</i> . <i>Biochemistry</i> , 1999, 38, 5216-5221.	2.5	143
16	Raf-1 Kinase and Exoenzyme S Interact with 14-3-3 through a Common Site Involving Lysine 49. <i>Journal of Biological Chemistry</i> , 1997, 272, 13717-13724.	3.4	141
17	Synergistic combinations of antifungals and anti-virulence agents to fight against <i>Candida albicans</i> . <i>Virulence</i> , 2015, 6, 362-371.	4.4	139
18	Medium optimization for the production of avermectin B1a by <i>Streptomyces avermitilis</i> 14-12A using response surface methodology. <i>Bioresource Technology</i> , 2009, 100, 4012-4016.	9.6	123

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19	Production and characterization of biosurfactant from marine <i>Streptomyces</i> species B3. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 311-318.	9.4	123
20	A Novel Sphingosine-dependent Protein Kinase (SDK1) Specifically Phosphorylates Certain Isoforms of 14-3-3 Protein. <i>Journal of Biological Chemistry</i> , 1998, 273, 21834-21845.	3.4	121
21	Genomics-Guided Discovery of Thailanstatins A, B, and C As Pre-mRNA Splicing Inhibitors and Antiproliferative Agents from <i>Burkholderia thailandensis</i> MSMB43. <i>Journal of Natural Products</i> , 2013, 76, 685-693.	3.0	118
22	Harnessing the intracellular triacylglycerols for titer improvement of polyketides in <i>Streptomyces</i> . <i>Nature Biotechnology</i> , 2020, 38, 76-83.	17.5	116
23	Abyssomicins from the South China Sea Deep-Sea Sediment <i>Verrucosipora</i> sp.: Natural Thioether Michael Addition Adducts as Antitubercular Prodrugs. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1231-1234.	13.8	115
24	Characterization and stability studies on surfactant, detergent and oxidant stable α -amylase from marine haloalkaliphilic <i>Saccharopolyspora</i> sp. A9. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2011, 68, 52-58.	1.8	110
25	Prospecting for new bacterial metabolites: a glossary of approaches for inducing, activating and upregulating the biosynthesis of bacterial cryptic or silent natural products. <i>Natural Product Reports</i> , 2016, 33, 54-72.	10.3	109
26	White-Opaque Switching in Natural MTL α Isolates of <i>Candida albicans</i> : Evolutionary Implications for Roles in Host Adaptation, Pathogenesis, and Sex. <i>PLoS Biology</i> , 2013, 11, e1001525.	5.6	107
27	Real-Time Metabolomics on Living Microorganisms Using Ambient Electrospray Ionization Flow-Probe. <i>Analytical Chemistry</i> , 2013, 85, 7014-7018.	6.5	106
28	Brevianamides with Antitubercular Potential from a Marine-Derived Isolate of <i>Aspergillus versicolor</i> . <i>Organic Letters</i> , 2012, 14, 4770-4773.	4.6	102
29	Bioprospecting microbial natural product libraries from the marine environment for drug discovery. <i>Journal of Antibiotics</i> , 2010, 63, 415-422.	2.0	97
30	Mutations in the Hydrophobic Surface of an Amphipathic Groove of 14-3-3 η Disrupt Its Interaction with Raf-1 Kinase. <i>Journal of Biological Chemistry</i> , 1998, 273, 16297-16304.	3.4	96
31	Discovery and structural characterization of a small molecule 14-3-3 protein-protein interaction inhibitor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16212-16216.	7.1	93
32	Trichoderma ketones A \sim D and 7-O-Methylkoninginin D from the Marine Fungus <i>Trichoderma koningii</i> . <i>Journal of Natural Products</i> , 2010, 73, 806-810.	3.0	92
33	Isolation and Structural Elucidation of Proline-Containing Cyclopentapeptides from an Endolichenic <i>Xylaria</i> sp.. <i>Journal of Natural Products</i> , 2011, 74, 1303-1308.	3.0	90
34	Tuning the catalytic property of nitrogen-doped graphene for cathode oxygen reduction reaction. <i>Physical Review B</i> , 2012, 85, .	3.2	81
35	Azole Susceptibility and Transcriptome Profiling in <i>Candida albicans</i> Mitochondrial Electron Transport Chain Complex I Mutants. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 532-542.	3.2	76
36	Novel lipolytic genes from the microbial metagenomic library of the South China Sea marine sediment. <i>FEMS Microbiology Ecology</i> , 2010, 72, 228-237.	2.7	73

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37	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. ISME Journal, 2021, 15, 894-908.	9.8	67
38	Overexpression of the ABC transporter AvtAB increases avermectin production in <i>Streptomyces avermitilis</i> . Applied Microbiology and Biotechnology, 2011, 92, 337-345.	3.6	65
39	Optimization for the Production of Surfactin with a New Synergistic Antifungal Activity. PLoS ONE, 2012, 7, e34430.	2.5	61
40	Roles of <i>Candida albicans</i> Gat2, a GATA-Type Zinc Finger Transcription Factor, in Biofilm Formation, Filamentous Growth and Virulence. PLoS ONE, 2012, 7, e29707.	2.5	61
41	Molecular cloning and characterization of a new cold-active esterase from a deep-sea metagenomic library. Applied Microbiology and Biotechnology, 2011, 90, 961-970.	3.6	60
42	Origin of insulating behavior of the p -type LaAlO_3 Polarization-induced asymmetric distribution of oxygen va. Physical Review B, 2010, 82, .	3.2	59
43	<i>N</i> -Acetylglucosamine Induces White-to-Opaque Switching and Mating in <i>Candida tropicalis</i> , Providing New Insights into Adaptation and Fungal Sexual Evolution. Eukaryotic Cell, 2012, 11, 773-782.	3.4	58
44	Production and characterization of a group of bioemulsifiers from the marine <i>Bacillus velezensis</i> strain H3. Applied Microbiology and Biotechnology, 2010, 87, 1881-1893.	3.6	57
45	Bioprospecting for antituberculosis leads from microbial metabolites. Natural Product Reports, 2010, 27, 1709.	10.3	57
46	Three antimycobacterial metabolites identified from a marine-derived <i>Streptomyces</i> sp. MS100061. Applied Microbiology and Biotechnology, 2013, 97, 3885-3892.	3.6	54
47	Application of Antibiotics/Antimicrobial Agents on Dental Caries. BioMed Research International, 2020, 2020, 1-11.	1.9	54
48	Effect of the microbial lipopeptide on tumor cell lines: apoptosis induced by disturbing the fatty acid composition of cell membrane. Protein and Cell, 2010, 1, 584-594.	11.0	53
49	Norlichexanthone Reduces Virulence Gene Expression and Biofilm Formation in <i>Staphylococcus aureus</i> . PLoS ONE, 2016, 11, e0168305.	2.5	53
50	A marine-derived <i>Streptomyces</i> 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
51	Antimicrobial Antioxidant Daucane Sesquiterpenes from <i>Ferula hermonis</i> Boiss. Phytotherapy Research, 2012, 26, 579-586.	5.8	50
52	Tentative biosynthetic pathways of some microbial diketopiperazines. Applied Microbiology and Biotechnology, 2013, 97, 8439-8453.	3.6	50
53	Trichoderone, a novel cytotoxic cyclopentenone and cholesta-7, 22-diene-3 β , 5 α , 6 β -triol, with new activities from the marine-derived fungus <i>Trichoderma</i> sp.. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 245-252.	3.0	47
54	<i>Deinococcus wulumuqiensis</i> sp. nov., and <i>Deinococcus xibeiensis</i> sp. nov., isolated from radiation-polluted soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2006-2010.	1.7	47

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55	A versatile biosensing platform coupling CRISPR-Cas12a and aptamers for detection of diverse analytes. <i>Science Bulletin</i> , 2021, 66, 69-77.	9.0	47
56	Quinazolin-4-one Coupled with Pyrrolidin-2-iminium Alkaloids from Marine-Derived Fungus <i>Penicillium aurantiogriseum</i> . <i>Marine Drugs</i> , 2012, 10, 1297-1306.	4.6	46
57	Caesanines A-D, New Cassane Diterpenes with Unprecedented N Bridge from <i>Caesalpinia sappan</i> . <i>Organic Letters</i> , 2013, 15, 4726-4729.	4.6	46
58	Three new sterigmatocystin analogues from marine-derived fungus <i>Aspergillus versicolor</i> MF359. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3753-3758.	3.6	46
59	Structural and Functional Analysis of the Loading Acyltransferase from Avermectin Modular Polyketide Synthase. <i>ACS Chemical Biology</i> , 2015, 10, 1017-1025.	3.4	45
60	Anti-MRSA and anti-TB metabolites from marine-derived <i>Verrucospora</i> sp. MS100047. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7437-7447.	3.6	45
61	Negative control of apoptosis signal-regulating kinase 1 through phosphorylation of Ser-1034. <i>Oncogene</i> , 2004, 23, 5099-5104.	5.9	43
62	An efficient blue-white screening based gene inactivation system for <i>Streptomyces</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1923-1933.	3.6	43
63	Chrysomycin A Derivatives for the Treatment of Multi-Drug-Resistant Tuberculosis. <i>ACS Central Science</i> , 2020, 6, 928-938.	11.3	43
64	Synthesis and biological evaluation of Aspergillomarasmin A derivatives as novel NDM-1 inhibitor to overcome antibiotics resistance. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5133-5141.	3.0	41
65	Engineering of an Lrp family regulator SACE_Lrp improves erythromycin production in <i>Saccharopolyspora erythraea</i> . <i>Metabolic Engineering</i> , 2017, 39, 29-37.	7.0	41
66	Improved production of erythromycin A by expression of a heterologous gene encoding S-adenosylmethionine synthetase. <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 837-842.	3.6	39
67	Effects of 14-Alpha-Lipoyl Andrographolide on Quorum Sensing in <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6088-6094.	3.2	39
68	Systematics-guided bioprospecting for bioactive microbial natural products. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 55-66.	1.7	39
69	Natural Products and Drug Discovery. , 2005, , 3-29.		37
70	Secretory expression of a heterologous nattokinase in <i>Lactococcus lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 75, 95-101.	3.6	37
71	Synergistic Effect of 14-Alpha-Lipoyl Andrographolide and Various Antibiotics on the Formation of Biofilms and Production of Exopolysaccharide and Pyocyanin by <i>Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3015-3017.	3.2	37
72	Residues of 14-3-3 η Required for Activation of Exoenzyme S of <i>Pseudomonas aeruginosa</i> . <i>Biochemistry</i> , 1999, 38, 12159-12164.	2.5	36

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73	Cytotoxic cardenolides from the latex of <i>Calotropis procera</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4615-4620.	2.2	36
74	Biosurfactant produced from <i>Actinomycetes nocardioopsis</i> A17: Characterization and its biological evaluation. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 405-412.	7.5	35
75	Decalin-Containing Tetramic Acids and 4-Hydroxy-2-pyridones with Antimicrobial and Cytotoxic Activity from the Fungus <i>Coniochaeta cephalothecoides</i> Collected in Tibetan Plateau (Medog). <i>Journal of Organic Chemistry</i> , 2017, 82, 11474-11486.	3.2	35
76	Two optimized antimicrobial peptides with therapeutic potential for clinical antibiotic-resistant <i>Staphylococcus aureus</i> . <i>European Journal of Medicinal Chemistry</i> , 2019, 183, 111686.	5.5	35
77	TetR-Type Regulator SLCG_2919 Is a Negative Regulator of Lincomycin Biosynthesis in <i>Streptomyces lincolnensis</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	35
78	Identification of avermectin-high-producing strains by high-throughput screening methods. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1219-1225.	3.6	34
79	5-Benzylidenerhodanine and 5-benzylidene-2-4-thiazolidinedione based antibacterials. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2720-2722.	2.2	34
80	ContigScope: a Cytoscape plugin facilitating microbial genome gap closing. <i>BMC Genomics</i> , 2013, 14, 289.	2.8	34
81	Optimization of microbial cell factories for astaxanthin production: Biosynthesis and regulations, engineering strategies and fermentation optimization strategies. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 689-704.	3.7	34
82	Verrucisidinol and Verrucosidinol Acetate, Two Pyrone-Type Polyketides Isolated from a Marine Derived Fungus, <i>Penicillium aurantiogriseum</i> . <i>Marine Drugs</i> , 2010, 8, 2744-2754.	4.6	33
83	Efficient editing DNA regions with high sequence identity in actinomycetal genomes by a CRISPR-Cas9 system. <i>Synthetic and Systems Biotechnology</i> , 2019, 4, 86-91.	3.7	33
84	Harnessing a previously unidentified capability of bacterial allosteric transcription factors for sensing diverse small molecules in vitro. <i>Science Advances</i> , 2018, 4, eaau4602.	10.3	32
85	Sydowiols A-C: <i>Mycobacterium tuberculosis</i> protein tyrosine phosphatase inhibitors from an East China Sea marine-derived fungus, <i>Aspergillus sydowii</i> . <i>Tetrahedron Letters</i> , 2013, 54, 6081-6083.	1.4	31
86	Beauvericin counteracted multi-drug resistant <i>Candida albicans</i> by blocking ABC transporters. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 158-168.	3.7	31
87	Engineering of a genome-reduced host: practical application of synthetic biology in the overproduction of desired secondary metabolites. <i>Protein and Cell</i> , 2010, 1, 621-626.	11.0	30
88	Endophytic <i>Streptomyces</i> sp. Y3111 from traditional Chinese medicine produced antitubercular pluramycins. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1077-1085.	3.6	30
89	A platform for the development of novel biosensors by configuring allosteric transcription factor recognition with amplified luminescent proximity homogeneous assays. <i>Chemical Communications</i> , 2017, 53, 99-102.	4.1	30
90	An inhibition study of beauvericin on human and rat cytochrome P450 enzymes and its pharmacokinetics in rats. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 753-762.	5.2	29

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91	Construction and Preliminary Analysis of a Deep-Sea Sediment Metagenomic Fosmid Library from Qiongdongnan Basin, South China Sea. <i>Marine Biotechnology</i> , 2010, 12, 719-727.	2.4	29
92	Benzophenone C-glucosides and gallotannins from mango tree stem bark with broad-spectrum anti-viral activity. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2236-2243.	3.0	29
93	Synthetic biology of avermectin for production improvement and structure diversification. <i>Biotechnology Journal</i> , 2014, 9, 316-325.	3.5	29
94	A systematic study of the whole genome sequence of <i>Amycolatopsis methanolica</i> strain 239 T provides an insight into its physiological and taxonomic properties which correlate with its position in the genus. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 169-186.	3.7	29
95	New Diketopiperazines from a Marine-Derived Fungus Strain <i>Aspergillus versicolor</i> MF180151. <i>Marine Drugs</i> , 2019, 17, 262.	4.6	29
96	Bifunctional mechanism of N, P co-doped graphene for catalyzing oxygen reduction and evolution reactions. <i>Journal of Chemical Physics</i> , 2019, 150, 104701.	3.0	29
97	NMR spectroscopy of 14-3-3 η reveals a flexible C-terminal extension: differentiation of the chaperone and phosphoserine-binding activities of 14-3-3 η . <i>Biochemical Journal</i> , 2011, 437, 493-503.	3.7	28
98	Exploring anti-TB leads from natural products library originated from marine microbes and medicinal plants. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 447-461.	1.7	28
99	Learn from microbial intelligence for avermectins overproduction. <i>Current Opinion in Biotechnology</i> , 2017, 48, 251-257.	6.6	28
100	The antitumor capacity of mesothelin-CAR-T cells in targeting solid tumors in mice. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 556-568.	4.4	28
101	SACE_3986, a TetR family transcriptional regulator, negatively controls erythromycin biosynthesis in <i>Saccharopolyspora erythraea</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1159-1167.	3.0	27
102	Staurosporine from the endophytic <i>Streptomyces</i> sp. strain CNS-42 acts as a potential biocontrol agent and growth elicitor in cucumber. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 515-525.	1.7	26
103	Identification of simple arylfluorosulfates as potent agents against resistant bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	26
104	<i>Verrucosipora fiedleri</i> sp. nov., an actinomycete isolated from a fjord sediment which synthesizes proximicins. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 493-502.	1.7	25
105	Dissecting and engineering of the TetR family regulator SACE_7301 for enhanced erythromycin production in <i>Saccharopolyspora erythraea</i> . <i>Microbial Cell Factories</i> , 2014, 13, 158.	4.0	25
106	A systems approach using OSMAC, Log P and NMR fingerprinting: An approach to novelty. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 276-286.	3.7	25
107	Noncyanogenic Cyanoglucoside Cyclooxygenase Inhibitors from <i>Simmondsia chinensis</i> . <i>Organic Letters</i> , 2016, 18, 1728-1731.	4.6	24
108	Interrogation of <i>Streptomyces avermitilis</i> for efficient production of avermectins. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 7-16.	3.7	24

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109	A new abyssomicin polyketide with anti-influenza A virus activity from a marine-derived <i>Verrucosipora</i> sp. MS100137. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1533-1543.	3.6	24
110	Transcriptional regulation of a leucine-responsive regulatory protein for directly controlling lincomycin biosynthesis in <i>Streptomyces lincolnensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 2575-2587.	3.6	24
111	Integrated Approaches for Discovering Novel Drugs From Microbial Natural Products. , 2005, , 33-55.		23
112	Cloning and characterization of the gene cluster required for beauvericin biosynthesis in <i>Fusarium proliferatum</i> . <i>Science China Life Sciences</i> , 2013, 56, 628-637.	4.9	23
113	Multidrug-Resistant Transporter Mdr1p-Mediated Uptake of a Novel Antifungal Compound. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5931-5939.	3.2	23
114	Enhanced lincomycin production by co-overexpression of <i>metK1</i> and <i>metK2</i> in <i>Streptomyces lincolnensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 345-355.	3.0	23
115	Magnetic Field Is the Dominant Factor to Induce the Response of <i>Streptomyces avermitilis</i> in Altered Gravity Simulated by Diamagnetic Levitation. <i>PLoS ONE</i> , 2011, 6, e24697.	2.5	22
116	Secondary metabolism in simulated microgravity and space flight. <i>Protein and Cell</i> , 2011, 2, 858-861.	11.0	22
117	Genome-Inspired Chemical Exploration of Marine Fungus <i>Aspergillus fumigatus</i> MF071. <i>Marine Drugs</i> , 2020, 18, 352.	4.6	22
118	Engineering thermophilic <i>Geobacillus thermoglucosidasius</i> for riboflavin production. <i>Microbial Biotechnology</i> , 2021, 14, 363-373.	4.2	22
119	Genome-Based Discovery of Enantiomeric Pentacyclic Sesterterpenes Catalyzed by Fungal Bifunctional Terpene Synthases. <i>Organic Letters</i> , 2021, 23, 4645-4650.	4.6	22
120	Drug-drug Interactions between Ketoconazole and Berberine in Rats: Pharmacokinetic Effects Benefit Pharmacodynamic Synergism. <i>Phytotherapy Research</i> , 2012, 26, 772-777.	5.8	21
121	Inactivation of SACE_3446, a TetR family transcriptional regulator, stimulates erythromycin production in <i>Saccharopolyspora erythraea</i> . <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 39-46.	3.7	21
122	Characterization of an Lrp/AsnC family regulator SCO3361, controlling actinorhodin production and morphological development in <i>Streptomyces coelicolor</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5773-5783.	3.6	21
123	Polyketide pesticides from actinomycetes. <i>Current Opinion in Biotechnology</i> , 2021, 69, 299-307.	6.6	21
124	Analysis of the structure and abnormal photoluminescence of a red-emitting $\text{LiMgBO}_3:\text{Mn}^{2+}$ phosphor. <i>Dalton Transactions</i> , 2018, 47, 13094-13105.	3.3	20
125	Berberine reverses multidrug resistance in <i>Candida albicans</i> by hijacking the drug efflux pump Mdr1p. <i>Science Bulletin</i> , 2021, 66, 1895-1905.	9.0	20
126	The atomic structures of carbon nitride sheets for cathode oxygen reduction catalysis. <i>Journal of Chemical Physics</i> , 2013, 138, 164706.	3.0	19

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127	Isolation of Viable but Non-culturable Bacteria from Printing and Dyeing Wastewater Bioreactor Based on Resuscitation Promoting Factor. <i>Current Microbiology</i> , 2017, 74, 787-797.	2.2	19
128	Effect of Defects on Spontaneous Polarization in Pure and Doped LiNbO ₃ : First-Principles Calculations. <i>Materials</i> , 2019, 12, 100.	2.9	19
129	Biosynthetically Guided Structure-Activity Relationship Studies of Merochlorin A, an Antibiotic Marine Natural Product. <i>ChemMedChem</i> , 2017, 12, 1969-1976.	3.2	18
130	The vertical growth of MoS ₂ layers at the initial stage of CVD from first-principles. <i>Journal of Chemical Physics</i> , 2018, 148, 134704.	3.0	18
131	Genome- and MS-based mining of antibacterial chlorinated chromones and xanthenes from the phytopathogenic fungus <i>Bipolaris sorokiniana</i> strain 11134. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5167-5181.	3.6	18
132	Genome-based mining of new antimicrobial meroterpenoids from the phytopathogenic fungus <i>Bipolaris sorokiniana</i> strain 11134. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 3835-3846.	3.6	18
133	Affinity Capillary Electrophoresis Analyses of Protein-Protein Interactions in Target-Directed Drug Discovery. <i>Journal of Proteomics</i> , 2004, 261, 187-198.		17
134	Antibacterial Spirobisnaphthalenes from the North American Cup Fungus <i>Urnula craterium</i> . <i>Journal of Natural Products</i> , 2012, 75, 1534-1538.	3.0	17
135	Dual-function chromogenic screening-based CRISPR/Cas9 genome editing system for actinomycetes. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 225-239.	3.6	17
136	Fungal biotransformation of tanshinone results in [4+2] cycloaddition with sorbicillinol: evidence for enzyme catalysis and increased antibacterial activity. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8349-8357.	3.6	16
137	Integrating PCR-free amplification and synergistic sensing for ultrasensitive and rapid CRISPR/Cas12a-based SARS-CoV-2 antigen detection. <i>Synthetic and Systems Biotechnology</i> , 2021, 6, 283-291.	3.7	16
138	Cloning and characterization of a novel 2-ketoisovalerate reductase from the beauvericin producer <i>Fusarium proliferatum</i> LF061. <i>BMC Biotechnology</i> , 2012, 12, 55.	3.3	15
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