

# Lixin Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

221  
papers

12,581  
citations

38660

50  
h-index

31759

101  
g-index

232  
all docs

232  
docs citations

232  
times ranked

16878  
citing authors

#	ARTICLE	IF	CITATIONS
1	OvoA<sub>Mtht</sub> from <i>Methyloversatilis thermotolerans</i> ovothiol biosynthesis is a bifunction enzyme: thiol oxygenase and sulfoxide synthase activities. <i>Chemical Science</i> , 2022, 13, 3589-3598.	3.7	14
2	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.	1.8	34
3	Antitubercular metabolites from the marine-derived fungus strain <i>Aspergillus fumigatus</i> MF029. <i>Natural Product Research</i> , 2021, 35, 2647-2654.	1.0	12
4	Engineering thermophilic <i>Geobacillus thermoglucosidasius</i> for riboflavin production. <i>Microbial Biotechnology</i> , 2021, 14, 363-373.	2.0	22
5	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. <i>ISME Journal</i> , 2021, 15, 894-908.	4.4	67
6	A versatile biosensing platform coupling CRISPR-Cas12a and aptamers for detection of diverse analytes. <i>Science Bulletin</i> , 2021, 66, 69-77.	4.3	47
7	Mollicellins S-U, three new depsidones from <i>Chaetomium brasiliense</i> SD-596 with anti-MRSA activities. <i>Journal of Antibiotics</i> , 2021, 74, 317-323.	1.0	8
8	Tin Alloying Enhances Catalytic Selectivity of Copper Surface: A Mechanistic Study Based on First-Principles Calculations. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 3031-3037.	2.1	4
9	The antitumor capacity of mesothelin-CAR-T cells in targeting solid tumors in mice. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 556-568.	2.0	28
10	Comparative study of functionalized MXenes Mn+1CnO2 (M = Ti, Zr and Hf, n = 1, 2 and 3): A proposal for renewable energy applications. <i>Modern Physics Letters B</i> , 2021, 35, 2150290.	1.0	2
11	Peculiarities of meroterpenoids and their bioproduction. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3987-4003.	1.7	10
12	Antibacterial polyene-polyol macrolides and cyclic peptides from the marine-derived <i>Streptomyces</i> sp. MS110128. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 4975-4986.	1.7	9
13	Genome-guided investigation of anti-inflammatory sesterterpenoids with 5-15 trans-fused ring system from phytopathogenic fungi. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5407-5417.	1.7	6
14	Genome-Based Discovery of Enantiomeric Pentacyclic Sesterterpenes Catalyzed by Fungal Bifunctional Terpene Synthases. <i>Organic Letters</i> , 2021, 23, 4645-4650.	2.4	22
15	Polyketide pesticides from actinomycetes. <i>Current Opinion in Biotechnology</i> , 2021, 69, 299-307.	3.3	21
16	Recent advances in biotechnology for marine enzymes and molecules. <i>Current Opinion in Biotechnology</i> , 2021, 69, 308-315.	3.3	12
17	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, .	3.3	26
18	Design and Synthesis of Aza- <sup>12</sup> -Carboline Analogs and their Antibacterial Evaluation. <i>Pharmaceutical Chemistry Journal</i> , 2021, 55, 365.	0.3	0

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19	Berberine reverses multidrug resistance in <i>Candida albicans</i> by hijacking the drug efflux pump Mdr1p. <i>Science Bulletin</i> , 2021, 66, 1895-1905.	4.3	20
20	Hyper-Synergistic Antifungal Activity of Rapamycin and Peptide-Like Compounds against <i>Candida albicans</i> Orthogonally via Tor1 Kinase. <i>ACS Infectious Diseases</i> , 2021, 7, 2826-2835.	1.8	15
21	Polyketide Starter and Extender Units Serve as Regulatory Ligands to Coordinate the Biosynthesis of Antibiotics in Actinomycetes. <i>MBio</i> , 2021, 12, e0229821.	1.8	4
22	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.	1.8	16
23	Characterization of <i>Streptomyces</i> sp. LS462 with high productivity of echinomycin, a potent antituberculosis and synergistic antifungal antibiotic. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	1.4	6
24	Two novel aliphatic unsaturated alcohols isolated from a pathogenic fungus <i>Fusarium proliferatum</i> . <i>Synthetic and Systems Biotechnology</i> , 2021, 6, 446-451.	1.8	3
25	Computational prediction and validation of specific EmbR binding site on PknH. <i>Synthetic and Systems Biotechnology</i> , 2021, 6, 429-436.	1.8	3
26	One new xanthenone from the marine-derived fungus <i>Aspergillus versicolor</i> MF160003. <i>Natural Product Research</i> , 2020, 34, 2907-2912.	1.0	8
27	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.	1.7	24
28	Chaetoglobosins and azaphilones from <i>Chaetomium globosum</i> associated with <i>Apostichopus japonicus</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1545-1553.	1.7	14
29	p-Type conductivity mechanism and defect structure of nitrogen-doped LiNbO <sub>3</sub> from first-principles calculations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20-27.	1.3	8
30	Harnessing the intracellular triacylglycerols for titer improvement of polyketides in <i>Streptomyces</i> . <i>Nature Biotechnology</i> , 2020, 38, 76-83.	9.4	116
31	Dual-function chromogenic screening-based CRISPR/Cas9 genome editing system for actinomycetes. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 225-239.	1.7	17
32	Generation of Fluorinated Amychelin Siderophores against <i>Pseudomonas aeruginosa</i> Infections by a Combination of Genome Mining and Mutasynthesis. <i>Cell Chemical Biology</i> , 2020, 27, 1532-1543.e6.	2.5	9
33	Molecular networking assisted discovery and biosynthesis elucidation of the antimicrobial spiroketals epicospirocins. <i>Chemical Communications</i> , 2020, 56, 10171-10174.	2.2	9
34	Deciphering the Biosynthesis of TDP-oleandrose in Avermectin. <i>Journal of Natural Products</i> , 2020, 83, 3199-3206.	1.5	6
35	Characterization of anti-BCG benz[ <i>a</i> ]anthraquinones and new siderophores from a Xinjiang desert-isolated rare actinomycete <i>Nocardia</i> sp. XJ31. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8267-8278.	1.7	10
36	Chrysomycin A Derivatives for the Treatment of Multi-Drug-Resistant Tuberculosis. <i>ACS Central Science</i> , 2020, 6, 928-938.	5.3	43

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37	Multi-scale data-driven engineering for biosynthetic titer improvement. <i>Current Opinion in Biotechnology</i> , 2020, 65, 205-212.	3.3	9
38	FDA Approved Drug Library Screening Identifies Robenidine as a Repositionable Antifungal. <i>Frontiers in Microbiology</i> , 2020, 11, 996.	1.5	13
39	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.	1.7	18
40	Interaction between Mo and intrinsic or extrinsic defects of Mo doped LiNbO <sub>3</sub> from first-principles calculations. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 255701.	0.7	3
41	Genome-Inspired Chemical Exploration of Marine Fungus <i>Aspergillus fumigatus</i> MF071. <i>Marine Drugs</i> , 2020, 18, 352.	2.2	22
42	Application of Antibiotics/Antimicrobial Agents on Dental Caries. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	54
43	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.	1.7	24
44	Antraquinone Derivatives from a Sea Cucumber-Derived <i>Trichoderma</i> sp. Fungus with Antibacterial Activities. <i>Chemistry of Natural Compounds</i> , 2020, 56, 112-114.	0.2	8
45	Brocaeloid D, a novel compound isolated from a wheat pathogenic fungus, <i>Microdochium majus</i> 99049. <i>Synthetic and Systems Biotechnology</i> , 2019, 4, 173-179.	1.8	6
46	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.	2.6	35
47	Transcriptome-guided target identification of the TetR-like regulator SACE_5754 and engineered overproduction of erythromycin in <i>Saccharopolyspora erythraea</i> . <i>Journal of Biological Engineering</i> , 2019, 13, 11.	2.0	13
48	New Diketopiperazines from a Marine-Derived Fungus Strain <i>Aspergillus versicolor</i> MF180151. <i>Marine Drugs</i> , 2019, 17, 262.	2.2	29
49	Characterization and engineering of the Lrp/AsnC family regulator SACE_5717 for erythromycin overproduction in <i>Saccharopolyspora erythraea</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 1013-1024.	1.4	12
50	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.	1.7	18
51	Boundary activated hydrogen evolution reaction on monolayer MoS <sub>2</sub> . <i>Nature Communications</i> , 2019, 10, 1348.	5.8	263
52	Bifunctional mechanism of N, P co-doped graphene for catalyzing oxygen reduction and evolution reactions. <i>Journal of Chemical Physics</i> , 2019, 150, 104701.	1.2	29
53	Purification and characterization of a novel $\beta$ -1,3-glucanase from <i>Arca inflata</i> and its immune-enhancing effects. <i>Food Chemistry</i> , 2019, 290, 1-9.	4.2	12
54	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.	1.8	33

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55	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019, 37, 1287-1293.	9.4	206
56	Effect of Defects on Spontaneous Polarization in Pure and Doped LiNbO <sub>3</sub> : First-Principles Calculations. <i>Materials</i> , 2019, 12, 100.	1.3	19
57	<i>Streptomyces avermitilis</i> industrial strain as cell factory for Ivermectin B1a production. <i>Synthetic and Systems Biotechnology</i> , 2019, 4, 34-39.	1.8	12
58	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, .	1.4	35
59	Small molecule microarray screening methodology based on surface plasmon resonance imaging. <i>Arabian Journal of Chemistry</i> , 2019, 12, 2111-2117.	2.3	6
60	New Tetramic Acids Comprising of Decalin and Pyridones From <i>Chaetomium olivaceum</i> SD-80A With Antimicrobial Activity. <i>Frontiers in Microbiology</i> , 2019, 10, 2958.	1.5	6
61	The vertical growth of MoS <sub>2</sub> layers at the initial stage of CVD from first-principles. <i>Journal of Chemical Physics</i> , 2018, 148, 134704.	1.2	18
62	Characterization of santalene synthases using an inorganic pyrophosphatase coupled colorimetric assay. <i>Analytical Biochemistry</i> , 2018, 547, 26-36.	1.1	8
63	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.	1.4	23
64	Strongly reduced Ehrlich-Schwoebel barriers at the Cu (111) stepped surface with In and Pb surfactants. <i>Surface Science</i> , 2018, 667, 13-16.	0.8	5
65	Genomics-guided discovery of a new and significantly better source of anticancer natural drug FK228. <i>Synthetic and Systems Biotechnology</i> , 2018, 3, 268-274.	1.8	11
66	Harnessing a previously unidentified capability of bacterial allosteric transcription factors for sensing diverse small molecules in vitro. <i>Science Advances</i> , 2018, 4, eaau4602.	4.7	32
67	A novel signal transduction system for development of uric acid biosensors. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7489-7497.	1.7	15
68	<i>Ab initio</i> study of the moisture stability of lead iodine perovskites. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 355501.	0.7	10
69	Analysis of the structure and abnormal photoluminescence of a red-emitting LiMgBO <sub>3</sub> :Mn <sup>2+</sup> phosphor. <i>Dalton Transactions</i> , 2018, 47, 13094-13105.	1.6	20
70	Hydrogen induced contrasting modes of initial nucleations of graphene on transition metal surfaces. <i>Journal of Chemical Physics</i> , 2017, 146, 034704.	1.2	4
71	Synergistic antifungal indolecarbazoles from <i>Streptomyces</i> sp. CNS-42 associated with traditional Chinese medicine <i>Alisma orientale</i> . <i>Journal of Antibiotics</i> , 2017, 70, 715-717.	1.0	3
72	Madurastatin B3, a rare aziridine derivative from actinomycete <i>Nocardioopsis</i> sp. LS150010 with potent anti-tuberculosis activity. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 589-594.	1.4	14

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73	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.	1.0	19
74	New cryptotanshinone derivatives with anti-influenza A virus activities obtained via biotransformation by <i>Mucor rouxii</i> . <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 6365-6374.	1.7	14
75	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.	1.7	21
76	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.	1.7	35
77	Learn from microbial intelligence for avermectins overproduction. <i>Current Opinion in Biotechnology</i> , 2017, 48, 251-257.	3.3	28
78	A systems approach using OSMAC, Log P and NMR fingerprinting: An approach to novelty. <i>Synthetic and Systems Biotechnology</i> , 2017, 2, 276-286.	1.8	25
79	Identification of the active sites in sulfur-doped graphene for oxygen reduction reaction: The key role of dissociated O <sub>2</sub> adsorption. <i>Solid State Communications</i> , 2017, 267, 33-38.	0.9	10
80	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.	1.4	41
81	Biosynthetically Guided Structure-Activity Relationship Studies of Merochlorin A, an Antibiotic Marine Natural Product. <i>ChemMedChem</i> , 2017, 12, 1969-1976.	1.6	18
82	Introduction to the Special Issue: "Arnold Demain" <i>Industrial Microbiologist Extraordinaire</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 503-503.	1.4	2
83	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.	2.2	30
84	Engineering of an Lrp family regulator SACE_Lrp improves erythromycin production in <i>Saccharopolyspora erythraea</i> . <i>Metabolic Engineering</i> , 2017, 39, 29-37.	3.6	41
85	Clotrimazole and econazole inhibit <i>Streptococcus mutans</i> biofilm and virulence in vitro. <i>Archives of Oral Biology</i> , 2017, 73, 113-120.	0.8	15
86	Isolation and Characterization of Antiangiogenesis Compounds from the Fungus <i>Aspergillus terreus</i> Associated with <i>Apostichopus japonicus</i> Using Zebrafish Assay. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.2	3
87	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. <i>Frontiers in Microbiology</i> , 2017, 8, 977.	1.5	8
88	Identification and Analysis of Novel Inhibitors against NS3 Helicase and NS5B RNA-Dependent RNA Polymerase from Hepatitis C Virus 1b (Con1). <i>Frontiers in Microbiology</i> , 2017, 8, 2153.	1.5	7
89	Norlichexanone Reduces Virulence Gene Expression and Biofilm Formation in <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2016, 11, e0168305.	1.1	53
90	Noncyanogenic Cyanoglucoside Cyclooxygenase Inhibitors from <i>Simmondsia chinensis</i> . <i>Organic Letters</i> , 2016, 18, 1728-1731.	2.4	24

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91	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.	1.7	16
92	Lipoxygenase inhibitors from the latex of <i>Calotropis Procera</i> . <i>Archives of Pharmacal Research</i> , 2016, , 1.	2.7	10
93	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.	1.8	29
94	Discovery of tanshinone derivatives with anti-MRSA activity via targeted bio-transformation. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 187-194.	1.8	8
95	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	9.4	2,802
96	Bioactive Spirobisnaphthalenes and Lactones from a Cup Fungus <i>Plectania</i> sp. Collected in the Tibet Plateau Region. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4338-4346.	1.2	7
97	A model to predict anti-tuberculosis activity: value proposition for marine microorganisms. <i>Journal of Antibiotics</i> , 2016, 69, 594-599.	1.0	9
98	Structure revision of the <i>Penicillium</i> alkaloids haenamindole and citreindole. <i>Tetrahedron Letters</i> , 2016, 57, 3851-3852.	0.7	10
99	Beauvericin counteracted multi-drug resistant <i>Candida albicans</i> by blocking ABC transporters. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 158-168.	1.8	31
100	Interrogation of <i>Streptomyces avermitilis</i> for efficient production of avermectins. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 7-16.	1.8	24
101	Different fates of avermectin and artemisinin in China. <i>Science China Life Sciences</i> , 2016, 59, 634-636.	2.3	7
102	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.	1.8	21
103	In vivo investigation to the macrolide-glycosylating enzyme pair DesVII/DesVIII in <i>Saccharopolyspora erythraea</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2257-2266.	1.7	3
104	Revealing the growth mechanism of SiV centers in chemical vapor deposition of diamond. <i>Diamond and Related Materials</i> , 2016, 61, 91-96.	1.8	9
105	Anti-MRSA and anti-TB metabolites from marine-derived <i>Verrucospora</i> sp. MS100047. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7437-7447.	1.7	45
106	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.	5.2	109
107	NLLSS: Predicting Synergistic Drug Combinations Based on Semi-supervised Learning. <i>PLoS Computational Biology</i> , 2016, 12, e1004975.	1.5	250
108	Systemic <i>Candida parapsilosis</i> Infection Model in Immunosuppressed ICR Mice and Assessing the Antifungal Efficiency of Fluconazole. <i>Veterinary Medicine International</i> , 2015, 2015, 1-7.	0.6	9

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109	Biosurfactant produced from Actinomycetes nocardopsis A17: Characterization and its biological evaluation. International Journal of Biological Macromolecules, 2015, 79, 405-412.	3.6	35
110	Synergistic combinations of antifungals and anti-virulence agents to fight against <i>Candida albicans</i> . Virulence, 2015, 6, 362-371.	1.8	139
111	Structural and Functional Analysis of the Loading Acyltransferase from Avermectin Modular Polyketide Synthase. ACS Chemical Biology, 2015, 10, 1017-1025.	1.6	45
112	An efficient blue-white screening based gene inactivation system for Streptomyces. Applied Microbiology and Biotechnology, 2015, 99, 1923-1933.	1.7	43
113	A new salicylate synthase AmS is identified for siderophores biosynthesis in Amycolatopsis methanolica 239T. Applied Microbiology and Biotechnology, 2015, 99, 5895-5905.	1.7	9
114	Capturing the target genes of BldD in Saccharopolyspora erythraea using improved genomic SELEX method. Applied Microbiology and Biotechnology, 2015, 99, 2683-2692.	1.7	8
115	Mechanisms of antibiotic resistance. Frontiers in Microbiology, 2015, 6, 34.	1.5	150
116	CRISPR-Cas9 Based Engineering of Actinomycetal Genomes. ACS Synthetic Biology, 2015, 4, 1020-1029.	1.9	365
117	Cytotoxic cardenolides from the latex of Calotropis procera. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4615-4620.	1.0	36
118	Exploiting a precise design of universal synthetic modular regulatory elements to unlock the microbial natural products in <i>Streptomyces</i> . Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12181-12186.	3.3	155
119	Algoriella xinjiangensis gen. nov., sp. nov., a new psychrotolerant bacterium of the family Flavobacteriaceae. Antonie Van Leeuwenhoek, 2015, 108, 1107-1116.	0.7	12
120	Extraction Methods of Natural Products from Traditional Chinese Medicines. Methods in Molecular Biology, 2015, 1263, 177-185.	0.4	2
121	Bioassay-Guided Identification of Bioactive Molecules from Traditional Chinese Medicines. Methods in Molecular Biology, 2015, 1263, 187-196.	0.4	6
122	Genomic Encyclopedia of Bacteria and Archaea: Sequencing a Myriad of Type Strains. PLoS Biology, 2014, 12, e1001920.	2.6	190
123	The Key Role of van der Waals Interactions in MPc/Au(111) (M = Co, Fe, H <sub>2</sub> ) Systems Based on First-Principles Calculations. Journal of Physical Chemistry C, 2014, 118, 27843-27849.	1.5	14
124	Dissecting and engineering of the TetR family regulator SACE_7301 for enhanced erythromycin production in Saccharopolyspora erythraea. Microbial Cell Factories, 2014, 13, 158.	1.9	25
125	Microscopic origin for the orientation dependence of NV centers in chemical-vapor-deposited diamond. Journal of Physics Condensed Matter, 2014, 26, 485004.	0.7	3
126	Benzophenone C-glucosides and gallotannins from mango tree stem bark with broad-spectrum anti-viral activity. Bioorganic and Medicinal Chemistry, 2014, 22, 2236-2243.	1.4	29



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127	Three new sterigmatocystin analogues from marine-derived fungus <i>Aspergillus versicolor</i> MF359. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 3753-3758.	1.7	46
128	Endophytic <i>Streptomyces</i> sp. Y3111 from traditional Chinese medicine produced antitubercular pluramycins. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1077-1085.	1.7	30
129	Synthetic biology of avermectin for production improvement and structure diversification. <i>Biotechnology Journal</i> , 2014, 9, 316-325.	1.8	29
130	<i>Prausserella shujinwangii</i> sp. nov., from a desert environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3833-3837.	0.8	13
131	Echinomycin, a Potential Binder of FKBP12, Shows Minor Effect on Calcineurin Activity. <i>Journal of Biomolecular Screening</i> , 2014, 19, 1275-1281.	2.6	7
132	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.	0.7	26
133	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.	1.4	27
134	N-acetylglucosamine-induced white-to-opaque switching in <i>Candida albicans</i> is independent of the Wor2 transcription factor. <i>Fungal Genetics and Biology</i> , 2014, 62, 71-77.	0.9	9
135	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.	2.3	23
136	Real-Time Metabolomics on Living Microorganisms Using Ambient Electrospray Ionization Flow-Probe. <i>Analytical Chemistry</i> , 2013, 85, 7014-7018.	3.2	106
137	ContigScape: a Cytoscape plugin facilitating microbial genome gap closing. <i>BMC Genomics</i> , 2013, 14, 289.	1.2	34
138	Dimerization of boron dopant in diamond (100) epitaxy induced by strong pair correlation on the surface. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 045011.	0.7	3
139	Effects of actinobacteria on plant disease suppression and growth promotion. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9621-9636.	1.7	323
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