

Jiaqian Cao

List of Publications by Year in descending order

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144
papers

8,683
citations

94433

37
h-index

51608

86
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151
all docs

151
docs citations

151
times ranked

11474
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	NLLSS: Predicting Synergistic Drug Combinations Based on Semi-supervised Learning. <i>PLoS Computational Biology</i> , 2016, 12, e1004975.	3.2	250
5	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
6	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019, 37, 1287-1293.	17.5	206
7	Exploring novel bioactive compounds from marine microbes. <i>Current Opinion in Microbiology</i> , 2005, 8, 276-281.	5.1	203
8	Genomic Encyclopedia of Bacteria and Archaea: Sequencing a Myriad of Type Strains. <i>PLoS Biology</i> , 2014, 12, e1001920.	5.6	190
9	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
10	Mechanisms of antibiotic resistance. <i>Frontiers in Microbiology</i> , 2015, 6, 34.	3.5	150
11	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
12	Harnessing the intracellular triacylglycerols for titer improvement of polyketides in <i>Streptomyces</i> . <i>Nature Biotechnology</i> , 2020, 38, 76-83.	17.5	116
13	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
14	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
15	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
16	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
17	Trichoderma ketones A ^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
18	Polyketides with antimicrobial activity from the solid culture of an endolichenic fungus <i>Ulocladium</i> sp.. <i>Antonie van Leeuwenhoek</i> , 2012, 83, 209-214.	2.2	87

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19	<i>Candida albicans</i> promotes tooth decay by inducing oral microbial dysbiosis. ISME Journal, 2021, 15, 894-908.	9.8	67
20	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
21	Bioprospecting for antituberculosis leads from microbial metabolites. Natural Product Reports, 2010, 27, 1709.	10.3	57
22	Three antimycobacterial metabolites identified from a marine-derived <i>Streptomyces</i> sp. MS100061. Applied Microbiology and Biotechnology, 2013, 97, 3885-3892.	3.6	54
23	Application of Antibiotics/Antimicrobial Agents on Dental Caries. BioMed Research International, 2020, 2020, 1-11.	1.9	54
24	Norlichexanthone Reduces Virulence Gene Expression and Biofilm Formation in <i>Staphylococcus aureus</i> . PLoS ONE, 2016, 11, e0168305.	2.5	53
25	Antimicrobial Antioxidant Daucane Sesquiterpenes from <i>Ferula hermonis</i> Boiss. Phytotherapy Research, 2012, 26, 579-586.	5.8	50
26	Bioactive compounds from <i>Rumex</i> plants. Phytochemistry Letters, 2010, 3, 181-184.	1.2	49
27	<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
28	A versatile biosensing platform coupling CRISPR-Cas12a and aptamers for detection of diverse analytes. Science Bulletin, 2021, 66, 69-77.	9.0	47
29	Quinazolin-4-one Coupled with Pyrrolidin-2-iminium Alkaloids from Marine-Derived Fungus <i>Penicillium aurantiogriseum</i> . Marine Drugs, 2012, 10, 1297-1306.	4.6	46
30	Caesanines A-D, New Cassane Diterpenes with Unprecedented N Bridge from <i>Caesalpinia sappan</i> . Organic Letters, 2013, 15, 4726-4729.	4.6	46
31	Three new sterigmatocystin analogues from marine-derived fungus <i>Aspergillus versicolor</i> MF359. Applied Microbiology and Biotechnology, 2014, 98, 3753-3758.	3.6	46
32	Structural and Functional Analysis of the Loading Acyltransferase from Avermectin Modular Polyketide Synthase. ACS Chemical Biology, 2015, 10, 1017-1025.	3.4	45
33	Anti-MRSA and anti-TB metabolites from marine-derived <i>Verrucospora</i> sp. MS100047. Applied Microbiology and Biotechnology, 2016, 100, 7437-7447.	3.6	45
34	An efficient blue-white screening based gene inactivation system for <i>Streptomyces</i> . Applied Microbiology and Biotechnology, 2015, 99, 1923-1933.	3.6	43
35	Chrysomycin A Derivatives for the Treatment of Multi-Drug-Resistant Tuberculosis. ACS Central Science, 2020, 6, 928-938.	11.3	43
36	Engineering of an Lrp family regulator SACE_Lrp improves erythromycin production in <i>Saccharopolyspora erythraea</i> . Metabolic Engineering, 2017, 39, 29-37.	7.0	41

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37	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
38	Systematics-guided bioprospecting for bioactive microbial natural products. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 55-66.	1.7	39
39	<i>Natural Products and Drug Discovery</i> . , 2005, , 3-29.		37
40	3-Anhydro-6-hydroxy-ophiobolin A, a new sesterterpene inhibiting the growth of methicillin-resistant <i>Staphylococcus aureus</i> and inducing the cell death by apoptosis on K562, from the phytopathogenic fungus <i>Bipolaris oryzae</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3547-3550.	2.2	37
41	Cytotoxic cardenolides from the latex of <i>Calotropis procera</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4615-4620.	2.2	36
42	Biosurfactant produced from <i>Actinomyces nocardiformis</i> A17: Characterization and its biological evaluation. <i>International Journal of Biological Macromolecules</i> , 2015, 79, 405-412.	7.5	35
43	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
44	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
45	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
46	Antituberculosis Agents and an Inhibitor of the β -Aminobenzoic Acid Biosynthetic Pathway from <i>Hydnocarpus anthelmintica</i> Seeds. <i>Chemistry and Biodiversity</i> , 2010, 7, 2046-2053.	2.1	34
47	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
48	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
49	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
50	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
51	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
52	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
53	Development of small molecule biosensors by coupling the recognition of the bacterial allosteric transcription factor with isothermal strand displacement amplification. <i>Chemical Communications</i> , 2018, 54, 4774-4777.	4.1	30
54	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

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55	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
56	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
57	Learn from microbial intelligence for avermectins overproduction. <i>Current Opinion in Biotechnology</i> , 2017, 48, 251-257.	6.6	28
58	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
59	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
60	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
61	<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
62	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
63	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
64	Noncyanogenic Cyanoglucoside Cyclooxygenase Inhibitors from <i>Simmondsia chinensis</i> . <i>Organic Letters</i> , 2016, 18, 1728-1731.	4.6	24
65	Interrogation of <i>Streptomyces avermitilis</i> for efficient production of avermectins. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 7-16.	3.7	24
66	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
67	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
68	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
69	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
70	Secondary metabolism in simulated microgravity and space flight. <i>Protein and Cell</i> , 2011, 2, 858-861.	11.0	22
71	Genome-Inspired Chemical Exploration of Marine Fungus <i>Aspergillus fumigatus</i> MF071. <i>Marine Drugs</i> , 2020, 18, 352.	4.6	22
72	Engineering thermophilic <i>Geobacillus thermoglucosidasius</i> for riboflavin production. <i>Microbial Biotechnology</i> , 2021, 14, 363-373.	4.2	22

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73	Inactivation of SACE_3446, a TetR family transcriptional regulator, stimulates erythromycin production in <i>Saccharopolyspora erythroa</i> . <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 39-46.	3.7	21
74	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
75	Polyketide pesticides from actinomycetes. <i>Current Opinion in Biotechnology</i> , 2021, 69, 299-307.	6.6	21
76	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
77	Microbial Metabolite Inspired Peptide Polymers Displaying Potent and Selective Antifungal Activity. <i>Advanced Science</i> , 2022, 9, e2104871.	11.2	19
78	Biosynthetically Guided Structure-Activity Relationship Studies of Merochlorin A, an Antibiotic Marine Natural Product. <i>ChemMedChem</i> , 2017, 12, 1969-1976.	3.2	18
79	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
80	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
81	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
82	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
83	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
84	Clotrimazole and econazole inhibit <i>Streptococcus mutans</i> biofilm and virulence in vitro. <i>Archives of Oral Biology</i> , 2017, 73, 113-120.	1.8	15
85	A novel signal transduction system for development of uric acid biosensors. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 7489-7497.	3.6	15
86	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.	3.8	15
87	Synergy effects of Asperosaponin VI and bioactive factor BMP-2 on osteogenesis and anti-osteoclastogenesis. <i>Bioactive Materials</i> , 2022, 10, 335-344.	15.6	15
88	Regulation of Inflammatory Response and Osteogenesis to Citrate-Based Biomaterials through Incorporation of Alkaline Fragments. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101590.	7.6	15
89	Madurastatin B3, a rare aziridine derivative from actinomycete <i>Nocardiopsis</i> sp. LS150010 with potent anti-tuberculosis activity. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 589-594.	3.0	14
90	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.	3.6	14

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91	Chaetoglobosins and azaphilones from <i>Chaetomium globosum</i> associated with <i>Apostichopus japonicus</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1545-1553.	3.6	14
92	Assessing the Potential of an Induced-Mutation Strategy for Avermectin Overproducers. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4583-4586.	3.1	13
93	<i>Prausserella shujinwangii</i> sp. nov., from a desert environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3833-3837.	1.7	13
94	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.	4.7	13
95	FDA Approved Drug Library Screening Identifies Robenidone as a Repositionable Antifungal. <i>Frontiers in Microbiology</i> , 2020, 11, 996.	3.5	13
96	Anti-mycobacterial natural products and mechanisms of action. <i>Natural Product Reports</i> , 2022, 39, 77-89.	10.3	13
97	<i>Gracilibacillus xinjiangensis</i> sp. nov., a new member of the genus <i>Gracilibacillus</i> isolated from Xinjiang region, China. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 809-816.	1.7	12
98	<i>Algoriella xinjiangensis</i> gen. nov., sp. nov., a new psychrotolerant bacterium of the family Flavobacteriaceae. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1107-1116.	1.7	12
99	Antitubercular metabolites from the marine-derived fungus strain <i>Aspergillus fumigatus</i> MF029. <i>Natural Product Research</i> , 2021, 35, 2647-2654.	1.8	12
100	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.	3.0	12
101	Purification and characterization of a novel β -1,3-glucanase from <i>Arca inflata</i> and its immune-enhancing effects. <i>Food Chemistry</i> , 2019, 290, 1-9.	8.2	12
102	<i>Streptomyces avermitilis</i> industrial strain as cell factory for Ivermectin B1a production. <i>Synthetic and Systems Biotechnology</i> , 2019, 4, 34-39.	3.7	12
103	Recent advances in biotechnology for marine enzymes and molecules. <i>Current Opinion in Biotechnology</i> , 2021, 69, 308-315.	6.6	12
104	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.	3.7	11
105	Dissecting the Mechanism of the Nonheme Iron Endoperoxidase FtmOx1 Using Substrate Analogues. <i>Jacs Au</i> , 2022, 2, 1686-1698.	7.9	11
106	Lipoxygenase inhibitors from the latex of <i>Calotropis Procera</i> . <i>Archives of Pharmacal Research</i> , 2016, , 1.	6.3	10
107	Characterization of anti-BCG benz[\pm]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.	3.6	10
108	Peculiarities of meroterpenoids and their bioproduction. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 3987-4003.	3.6	10

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109	Reversal of meticillin resistance in <i>Staphylococcus aureus</i> by the anthelmintic avermectin. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 274-276.	2.5	9
110	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.	2.1	9
111	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.	1.5	9
112	A model to predict anti-tuberculosis activity: value proposition for marine microorganisms. <i>Journal of Antibiotics</i> , 2016, 69, 594-599.	2.0	9
113	Generation of Fluorinated Amychelin Siderophores against <i>Pseudomonas aeruginosa</i> Infections by a Combination of Genome Mining and Mutagenesis. <i>Cell Chemical Biology</i> , 2020, 27, 1532-1543.e6.	5.2	9
114	Molecular networking assisted discovery and biosynthesis elucidation of the antimicrobial spiroketals epicospirocins. <i>Chemical Communications</i> , 2020, 56, 10171-10174.	4.1	9
115	Multi-scale data-driven engineering for biosynthetic titer improvement. <i>Current Opinion in Biotechnology</i> , 2020, 65, 205-212.	6.6	9
116	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.	3.6	9
117	Nivetetracyclates A and B: Novel Compounds Isolated from <i>Streptomyces niveus</i> . <i>Organic Letters</i> , 2013, 15, 5762-5765.	4.6	8
118	Capturing the target genes of BldD in <i>Saccharopolyspora erythraea</i> using improved genomic SELEX method. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 2683-2692.	3.6	8
119	Discovery of tanshinone derivatives with anti-MRSA activity via targeted bio-transformation. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 187-194.	3.7	8
120	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.	3.5	8
121	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.	2.0	8
122	Anthraquinone Derivatives from a Sea Cucumber-Derived <i>Trichoderma</i> sp. Fungus with Antibacterial Activities. <i>Chemistry of Natural Compounds</i> , 2020, 56, 112-114.	0.8	8
123	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
124	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.	2.4	7
125	Different fates of avermectin and artemisinin in China. <i>Science China Life Sciences</i> , 2016, 59, 634-636.	4.9	7
126	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.	3.7	6

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127	Deciphering the Biosynthesis of TDP-oleandrose in Avermectin. <i>Journal of Natural Products</i> , 2020, 83, 3199-3206.	3.0	6
128	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.	3.5	6
129	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.	3.6	6
130	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, .	3.0	6
131	Rational design for over-production of desirable microbial metabolites by precision engineering. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 151-163.	1.7	5
132	Polyketide Starter and Extender Units Serve as Regulatory Ligands to Coordinate the Biosynthesis of Antibiotics in Actinomycetes. <i>MBio</i> , 2021, 12, e0229821.	4.1	4
133	High-throughput and reliable acquisition of in vivo turnover number fuels precise metabolic engineering. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 541-543.	3.7	4
134	Differential Nanoscale Topography Dedicates Osteocyte-Manipulated Osteogenesis via Regulation of the TGF- β Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4212.	4.1	4
135	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.	3.6	3
136	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.	2.0	3
137	Two novel aliphatic unsaturated alcohols isolated from a pathogenic fungus <i>Fusarium proliferatum</i> . <i>Synthetic and Systems Biotechnology</i> , 2021, 6, 446-451.	3.7	3
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