

Hong Gao

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,277
citations

430442

18
h-index

500791

28
g-index

30
all docs

30
docs citations

30
times ranked

1995
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput synergy screening identifies microbial metabolites as combination agents for the treatment of fungal infections. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4606-4611.	3.3	242
2	Medium optimization for the production of avermectin B1a by <i>Streptomyces avermitilis</i> 14-12A using response surface methodology. Bioresource Technology, 2009, 100, 4012-4016.	4.8	123
3	Prospecting for new bacterial metabolites: a glossary of approaches for inducing, activating and upregulating the biosynthesis of bacterial cryptic or silent natural products. Natural Product Reports, 2016, 33, 54-72.	5.2	109
4	Brevianamides with Antitubercular Potential from a Marine-Derived Isolate of <i>Aspergillus versicolor</i> . Organic Letters, 2012, 14, 4770-4773.	2.4	102
5	Trichoderma ketones A and 7-O-Methylkoninginin D from the Marine Fungus <i>Trichoderma koningii</i> . Journal of Natural Products, 2010, 73, 806-810.	1.5	92
6	Reverse biological engineering of <i>hrdB</i> to enhance the production of avermectins in an industrial strain of <i>Streptomyces avermitilis</i> . Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11250-11254.	3.3	81
7	<i>Amycolatopsis marina</i> sp. nov., an actinomycete isolated from an ocean sediment. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 477-481.	0.8	61
8	Optimization for the Production of Surfactin with a New Synergistic Antifungal Activity. PLoS ONE, 2012, 7, e34430.	1.1	61
9	Quinazolin-4-one Coupled with Pyrrolidin-2-iminium Alkaloids from Marine-Derived Fungus <i>Penicillium aurantiogriseum</i> . Marine Drugs, 2012, 10, 1297-1306.	2.2	46
10	Engineering the acetyl-CoA transportation system of <i>Candida tropicalis</i> enhances the production of dicarboxylic acid. Biotechnology Journal, 2006, 1, 68-74.	1.8	42
11	Systematics-guided bioprospecting for bioactive microbial natural products. Antonie Van Leeuwenhoek, 2012, 101, 55-66.	0.7	39
12	Identification of avermectin-high-producing strains by high-throughput screening methods. Applied Microbiology and Biotechnology, 2010, 85, 1219-1225.	1.7	34
13	ContigScape: a Cytoscape plugin facilitating microbial genome gap closing. BMC Genomics, 2013, 14, 289.	1.2	34
14	Engineering of a genome-reduced host: practical application of synthetic biology in the overproduction of desired secondary metabolites. Protein and Cell, 2010, 1, 621-626.	4.8	30
15	Cloning and characterization of the gene cluster required for beauvericin biosynthesis in <i>Fusarium proliferatum</i> . Science China Life Sciences, 2013, 56, 628-637.	2.3	23
16	Magnetic Field Is the Dominant Factor to Induce the Response of <i>Streptomyces avermitilis</i> in Altered Gravity Simulated by Diamagnetic Levitation. PLoS ONE, 2011, 6, e24697.	1.1	22
17	Secondary metabolism in simulated microgravity and space flight. Protein and Cell, 2011, 2, 858-861.	4.8	22
18	Filipins: the first antifungal "weed killers" identified from bacteria isolated from the trap-ant. RSC Advances, 2014, 4, 57267-57270.	1.7	22

#	ARTICLE	IF	CITATIONS
19	A natural solution to photoprotection and isolation of the potent polyene antibiotic, marinomycin A. <i>Chemical Science</i> , 2019, 10, 7549-7553.	3.7	16
20	Over expression of PTEN induces apoptosis and prevents cell proliferation in breast cancer cells. <i>Acta Biochimica Polonica</i> , 2020, 67, 515-519.	0.3	16
21	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.	1.7	15
22	Assessing the Potential of an Induced-Mutation Strategy for Avermectin Overproducers. <i>Applied and Environmental Microbiology</i> , 2010, 76, 4583-4586.	1.4	13
23	Infinite Dilution Activity Coefficients of Hydrocarbons in Triethylene Glycol and Tetraethylene Glycol. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1109-1112.	1.0	11
24	Application of serine integrases for secondary metabolite pathway assembly in <i>Streptomyces</i> . <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 111-119.	1.8	10
25	Rational design for over-production of desirable microbial metabolites by precision engineering. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 151-163.	0.7	5
26	Integrating vectors for genetic studies in the rare Actinomycete <i>Amycolatopsis marina</i> . <i>BMC Biotechnology</i> , 2019, 19, 32.	1.7	4
27	Use of orthogonal serine integrases to multiplex plasmid conjugation and integration from <i>E. coli</i> into <i>Streptomyces</i> . <i>Access Microbiology</i> , 2021, 3, 000291.	0.2	1