

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	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
2	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
3	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
4	Integrating vectors for genetic studies in the rare Actinomycete <i>Amycolatopsis marina</i> . <i>BMC Biotechnology</i> , 2019, 19, 32.	1.7	4
5	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
6	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
7	Filipins: the first antifungal "weed killers" identified from bacteria isolated from the trap-ant. <i>RSC Advances</i> , 2014, 4, 57267-57270.	1.7	22
8	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
9	ContigScope: a Cytoscape plugin facilitating microbial genome gap closing. <i>BMC Genomics</i> , 2013, 14, 289.	1.2	34
10	Optimization for the Production of Surfactin with a New Synergistic Antifungal Activity. <i>PLoS ONE</i> , 2012, 7, e34430.	1.1	61
11	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.	2.2	46
12	Brevianamides with Antitubercular Potential from a Marine-Derived Isolate of <i>Aspergillus versicolor</i> . <i>Organic Letters</i> , 2012, 14, 4770-4773.	2.4	102
13	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
14	Systematics-guided bioprospecting for bioactive microbial natural products. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 55-66.	0.7	39
15	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.	1.1	22
16	Secondary metabolism in simulated microgravity and space flight. <i>Protein and Cell</i> , 2011, 2, 858-861.	4.8	22
17	Identification of avermectin-high-producing strains by high-throughput screening methods. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 1219-1225.	1.7	34
18	Rational design for over-production of desirable microbial metabolites by precision engineering. <i>Antonie Van Leeuwenhoek</i> , 2010, 98, 151-163.	0.7	5

#	ARTICLE	IF	CITATIONS
19	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.	4.8	30
20	Reverse biological engineering of <i>hrdB</i> to enhance the production of avermectins in an industrial strain of <i>Streptomyces avermitilis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11250-11254.	3.3	81
21	Trichoderma ketones A and 7-O-Methylkoninginin D from the Marine Fungus <i>Trichoderma koningii</i> . <i>Journal of Natural Products</i> , 2010, 73, 806-810.	1.5	92
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	<i>Amycolatopsis marina</i> sp. nov., an actinomycete isolated from an ocean sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 477-481.	0.8	61
24	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.	4.8	123
25	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.	3.3	242
26	Engineering the acetyl-CoA transportation system of <i>Candida tropicalis</i> enhances the production of dicarboxylic acid. <i>Biotechnology Journal</i> , 2006, 1, 68-74.	1.8	42
27	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