

Buchang Zhang

List of Publications by Year in descending order

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29
papers

794
citations

471509

17
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1277
citing authors

#	ARTICLE	IF	CITATIONS
1	A humanized neutralizing antibody against MERS-CoV targeting the receptor-binding domain of the spike protein. <i>Cell Research</i> , 2015, 25, 1237-1249.	12.0	137
2	Downregulation of MicroRNA miR-526a by Enterovirus Inhibits RIG-I-Dependent Innate Immune Response. <i>Journal of Virology</i> , 2014, 88, 11356-11368.	3.4	79
3	Two-Photon Fluorescent Probes for Biological Mg ²⁺ Detection Based on 7-Substituted Coumarin. <i>Journal of Organic Chemistry</i> , 2015, 80, 4306-4312.	3.2	59
4	A mitochondria-targeted ratiometric two-photon fluorescent probe for biological zinc ions detection. <i>Biosensors and Bioelectronics</i> , 2016, 77, 921-927.	10.1	42
5	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
6	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
7	Enhancement of antibiotic productions by engineered nitrate utilization in actinomycetes. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 5341-5352.	3.6	33
8	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
9	Role of the Cys154Arg Substitution in Ribosomal Protein L3 in Oxazolidinone Resistance in <i>Mycobacterium tuberculosis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3202-3206.	3.2	30
10	The Arc Gene Confers Genetic Susceptibility to Alzheimer's Disease in Han Chinese. <i>Molecular Neurobiology</i> , 2018, 55, 1217-1226.	4.0	30
11	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
12	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
13	Complete genome sequence of <i>Clostridium butyricum</i> JKY6D1 isolated from the pit mud of a Chinese flavor liquor-making factory. <i>Journal of Biotechnology</i> , 2016, 220, 23-24.	3.8	25
14	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
15	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
16	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
17	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
18	Developmental regulator BldD directly regulates lincomycin biosynthesis in <i>Streptomyces lincolnensis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 548-553.	2.1	21

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19	The variable oligomeric state of Amuc_1100 from <i>Akkermansia muciniphila</i> . <i>Journal of Structural Biology</i> , 2020, 212, 107593.	2.8	15
20	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
21	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
22	A novel composite hydrogel initiated by <i>Spinacia oleracea</i> L. extract on Hela cells for localized photodynamic therapy. <i>Materials Science and Engineering C</i> , 2017, 75, 1448-1455.	7.3	11
23	Complete Genome Sequence of <i>Clostridium kluyveri</i> JZZ Applied in Chinese Strong-Flavor Liquor Production. <i>Current Microbiology</i> , 2018, 75, 1429-1433.	2.2	11
24	Identification of a common Ara h 3 epitope recognized by both the capture and the detection monoclonal antibodies in an ELISA detection kit. <i>PLoS ONE</i> , 2017, 12, e0182935.	2.5	8
25	Up-regulation of CYLD enhances <i>Listeria monocytogenes</i> induced apoptosis in THP-1 cells. <i>Microbial Pathogenesis</i> , 2016, 90, 50-54.	2.9	4
26	Joint engineering of SACE_Lrp and its target MarR enhances the biosynthesis and export of erythromycin in <i>Saccharopolyspora erythraea</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2911-2924.	3.6	4
27	Uncovering and Engineering a Mini-Regulatory Network of the TetR-Family Regulator SACE_0303 for Yield Improvement of Erythromycin in <i>Saccharopolyspora erythraea</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 692901.	4.1	4
28	Polyketide Starter and Extender Units Serve as Regulatory Ligands to Coordinate the Biosynthesis of Antibiotics in <i>Actinomycetes</i> . <i>MBio</i> , 2021, 12, e0229821.	4.1	4
29	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