

Huai-Dong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

252
citations

1163117

8
h-index

996975

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21
all docs

21
docs citations

21
times ranked

454
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel chimeric lysin with robust antibacterial activity against planktonic and biofilm methicillin-resistant <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2017, 7, 40182.	3.3	60
2	Identification of a Novel Inhibitor against Middle East Respiratory Syndrome Coronavirus. <i>Viruses</i> , 2017, 9, 255.	3.3	31
3	Structural analysis of HmtT and HmtN involved in the tailoring steps of himastatin biosynthesis. <i>FEBS Letters</i> , 2013, 587, 1675-1680.	2.8	26
4	ClyJ Is a Novel Pneumococcal Chimeric Lysin with a Cysteine- and Histidine-Dependent Amidohydrolase/Peptidase Catalytic Domain. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	21
5	Genome mining and biosynthesis of the Acyl-CoA:cholesterol acyltransferase inhibitor beauveriolide I and III in <i>Cordyceps militaris</i> . <i>Journal of Biotechnology</i> , 2020, 309, 85-91.	3.8	18
6	Characterization of the Specific Mode of Action of a Chitin Deacetylase and Separation of the Partially Acetylated Chitosan Oligosaccharides. <i>Marine Drugs</i> , 2019, 17, 74.	4.6	17
7	Structural and Functional Analysis of Validoxylamine A 7â€²-phosphate Synthase Vall Involved in Validamycin A Biosynthesis. <i>PLoS ONE</i> , 2012, 7, e32033.	2.5	15
8	Isolation and characterization of a new cytotoxic polyketideâ€“amino acid hybrid from <i>Thermothelomyces thermophilus</i> ATCC 42464. <i>Natural Product Research</i> , 2021, 35, 1792-1798.	1.8	10
9	N-terminal transmembrane domain of lipase LipA from <i>Pseudomonas protegens</i> Pf-5: A must for its efficient folding into an active conformation. <i>Biochimie</i> , 2014, 105, 165-171.	2.6	8
10	Structural analysis of SgvP involved in carbonâ€“sulfur bond formation during griseoviridin biosynthesis. <i>FEBS Letters</i> , 2017, 591, 1295-1304.	2.8	7
11	Structural Insight of a Trimodular Halophilic Cellulase with a Family 46 Carbohydrate-Binding Module. <i>PLoS ONE</i> , 2015, 10, e0142107.	2.5	6
12	Characterization of the fusion core in zebrafish endogenous retroviral envelope protein. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 633-638.	2.1	6
13	Mechanosensitive Channels Mediate Hypoionic Shock-Induced Aminoglycoside Potentiation against Bacterial Persisters by Enhancing Antibiotic Uptake. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0112521.	3.2	6
14	Structural Insights into the <i>Trans</i> -Acting Enoyl Reductase in the Biosynthesis of Long-Chain Polyunsaturated Fatty Acids in <i>Shewanella piezotolerans</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2316-2324.	5.2	5
15	Structural Insight into the Tetramerization of an Iterative Ketoreductase SiaM through Aromatic Residues in the Interfaces. <i>PLoS ONE</i> , 2014, 9, e97996.	2.5	4
16	Heterologous Expression of Macrolins from Phytopathogenic <i>Macrophomina phaseolina</i> Revealed a Cytochrome P450 Mono-oxygenase in the Biosynthesis of Î²-Hydroxyl Tetramic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 15175-15183.	5.2	4
17	Investigation of structure and function of mitochondrial alcohol dehydrogenase isozyme III from <i>Komagataella phaffii</i> GS115. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1199-1208.	2.4	3
18	Expression, crystallization and preliminary X-ray analysis of McbB, a multifunctional enzyme involved in Î²-carboline skeleton biosynthesis. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 1402-1405.	0.8	2

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19	Insights into the Inhibition of <i>Aeromonas hydrophila</i> α -Alanine \rightarrow Alanine Ligase by Integration of Kinetics and Structural Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7509-7519.	5.2	2
20	Molecular characterization of the hydroxylase HmtN at 1.3 Å resolution. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 1033-1038.	2.1	1
21	Protein acetylation: an important mechanism in actinobacteria. <i>Bioscience Reports</i> , 2018, 38, .	2.4	0