

Shi-Hui Dong

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

683
citations

623734

14
h-index

677142

22
g-index

31
all docs

31
docs citations

31
times ranked

895
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of silent biosynthetic gene clusters using transcription factor decoys. <i>Nature Chemical Biology</i> , 2019, 15, 111-114.	8.0	77
2	Enzymatic reconstitution of ribosomal peptide backbone thioamidation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3030-3035.	7.1	73
3	The enterococcal cytolysin synthetase has an unanticipated lipid kinase fold. <i>ELife</i> , 2015, 4, .	6.0	73
4	Insights into AMS/PCAT transporters from biochemical and structural characterization of a double Glycine motif protease. <i>ELife</i> , 2019, 8, .	6.0	63
5	Molecular basis for the substrate specificity of quorum signal synthases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9092-9097.	7.1	58
6	The Biochemistry and Structural Biology of Cyanobactin Pathways: Enabling Combinatorial Biosynthesis. <i>Methods in Enzymology</i> , 2018, 604, 113-163.	1.0	50
7	Structural and Biochemical Studies of Non-native Agonists of the LasR Quorum-Sensing Receptor Reveal an L3 Loop "Out" Conformation for LasR. <i>Cell Chemical Biology</i> , 2018, 25, 1128-1139.e3.	5.2	43
8	Mechanistic Basis for Ribosomal Peptide Backbone Modifications. <i>ACS Central Science</i> , 2019, 5, 842-851.	11.3	35
9	The pimeloyl-CoA synthetase BioW defines a new fold for adenylate-forming enzymes. <i>Nature Chemical Biology</i> , 2017, 13, 668-674.	8.0	30
10	Functional interactions between posttranslationally modified amino acids of methyl-coenzyme M reductase in <i>Methanosarcina acetivorans</i> . <i>PLoS Biology</i> , 2020, 18, e3000507.	5.6	29
11	Recent Advances in the Discovery and Biosynthetic Study of Eukaryotic RiPP Natural Products. <i>Molecules</i> , 2019, 24, 1541.	3.8	26
12	Applications of the class II lanthipeptide protease LicP for sequence-specific, traceless peptide bond cleavage. <i>Chemical Science</i> , 2015, 6, 6270-6279.	7.4	22
13	Functional elucidation of TfuA in peptide backbone thioamidation. <i>Nature Chemical Biology</i> , 2021, 17, 585-592.	8.0	21
14	Biosynthesis of the RiPP trojan horse nucleotide antibiotic microcin C is directed by the N-formyl of the peptide precursor. <i>Chemical Science</i> , 2019, 10, 2391-2395.	7.4	16
15	Meroterpenoids with diverse ring systems and dioxolanone-type secondary metabolites from <i>Phyllosticta capitalensis</i> and their phytotoxic activity. <i>Tetrahedron</i> , 2019, 75, 4611-4619.	1.9	15
16	Correlational networking guides the discovery of unclustered lanthipeptide protease-encoding genes. <i>Nature Communications</i> , 2022, 13, 1647.	12.8	12
17	Cytochalasins from <i>Xylaria</i> sp. CFL5, an Endophytic Fungus of <i>Cephalotaxus fortunei</i> . <i>Natural Products and Bioprospecting</i> , 2021, 11, 87-98.	4.3	9
18	Phomotide A, a novel polyketide, from the endophytic fungus <i>Phomopsis</i> sp. CFS42. <i>Tetrahedron Letters</i> , 2020, 61, 151468.	1.4	8

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19	Structure-Guided Biochemical Analysis of Quorum Signal Synthase Specificities. ACS Chemical Biology, 2020, 15, 1497-1504.	3.4	6
20	Biochemical Reconstitution Reveals the Biosynthetic Timing and Substrate Specificity for Thioamitides. Organic Letters, 2022, 24, 1518-1523.	4.6	6
21	Lanthipeptides from the Same Core Sequence: Characterization of a Class II Lanthipeptide Synthetase from <i>Microcystis aeruginosa</i> NIES-88. Organic Letters, 2022, 24, 2226-2231.	4.6	6
22	Chemical constituents from <i>Vernonia bockiana</i> . Chinese Journal of Natural Medicines, 2019, 17, 924-927.	1.3	4
23	Structural Biology of RiPP Natural Products Biosynthesis. , 2020, , 17-48.		0
24	Title is missing!. , 2020, 18, e3000507.		0
25	Title is missing!. , 2020, 18, e3000507.		0
26	Title is missing!. , 2020, 18, e3000507.		0
27	Title is missing!. , 2020, 18, e3000507.		0
28	Title is missing!. , 2020, 18, e3000507.		0
29	Title is missing!. , 2020, 18, e3000507.		0