

# Shi-Hui Dong

## List of Publications by Year in descending order

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29  
papers

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citations

623734

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677142

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31  
docs citations

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times ranked

895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical Reconstitution Reveals the Biosynthetic Timing and Substrate Specificity for Thioamitides. <i>Organic Letters</i> , 2022, 24, 1518-1523.	4.6	6
2	Correlational networking guides the discovery of unclustered lanthipeptide protease-encoding genes. <i>Nature Communications</i> , 2022, 13, 1647.	12.8	12
3	Lanthipeptides from the Same Core Sequence: Characterization of a Class II Lanthipeptide Synthetase from <i>Microcystis aeruginosa</i> NIES-88. <i>Organic Letters</i> , 2022, 24, 2226-2231.	4.6	6
4	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
5	Functional elucidation of TfuA in peptide backbone thioamidation. <i>Nature Chemical Biology</i> , 2021, 17, 585-592.	8.0	21
6	Phomotide A, a novel polyketide, from the endophytic fungus <i>Phomopsis</i> sp. CFS42. <i>Tetrahedron Letters</i> , 2020, 61, 151468.	1.4	8
7	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
8	Structure-Guided Biochemical Analysis of Quorum Signal Synthase Specificities. <i>ACS Chemical Biology</i> , 2020, 15, 1497-1504.	3.4	6
9	Structural Biology of RiPP Natural Products Biosynthesis. , 2020, , 17-48.		0
10	Title is missing!. , 2020, 18, e3000507.		0
11	Title is missing!. , 2020, 18, e3000507.		0
12	Title is missing!. , 2020, 18, e3000507.		0
13	Title is missing!. , 2020, 18, e3000507.		0
14	Title is missing!. , 2020, 18, e3000507.		0
15	Title is missing!. , 2020, 18, e3000507.		0
16	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
17	Biosynthesis of the RiPP trojan horse nucleotide antibiotic microcin C is directed by the <i>N</i> -formyl of the peptide precursor. <i>Chemical Science</i> , 2019, 10, 2391-2395.	7.4	16
18	Recent Advances in the Discovery and Biosynthetic Study of Eukaryotic RiPP Natural Products. <i>Molecules</i> , 2019, 24, 1541.	3.8	26

#	ARTICLE	IF	CITATIONS
19	Mechanistic Basis for Ribosomal Peptide Backbone Modifications. ACS Central Science, 2019, 5, 842-851.	11.3	35
20	Chemical constituents from Vernonia bockiana. Chinese Journal of Natural Medicines, 2019, 17, 924-927.	1.3	4
21	Activation of silent biosynthetic gene clusters using transcription factor decoys. Nature Chemical Biology, 2019, 15, 111-114.	8.0	77
22	Insights into AMS/PCAT transporters from biochemical and structural characterization of a double Glycine motif protease. ELife, 2019, 8, .	6.0	63
23	Enzymatic reconstitution of ribosomal peptide backbone thioamidation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3030-3035.	7.1	73
24	Structural and Biochemical Studies of Non-native Agonists of the LasR Quorum-Sensing Receptor Reveal an L3 Loop $\alpha$ -Out Conformation for LasR. Cell Chemical Biology, 2018, 25, 1128-1139.e3.	5.2	43
25	The Biochemistry and Structural Biology of Cyanobactin Pathways: Enabling Combinatorial Biosynthesis. Methods in Enzymology, 2018, 604, 113-163.	1.0	50
26	The pimeloyl-CoA synthetase BioW defines a new fold for adenylate-forming enzymes. Nature Chemical Biology, 2017, 13, 668-674.	8.0	30
27	Molecular basis for the substrate specificity of quorum signal synthases. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9092-9097.	7.1	58
28	Applications of the class II lanthipeptide protease LicP for sequence-specific, traceless peptide bond cleavage. Chemical Science, 2015, 6, 6270-6279.	7.4	22
29	The enterococcal cytolysin synthetase has an unanticipated lipid kinase fold. ELife, 2015, 4, .	6.0	73