

Svetlana Dubiley

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

314
citations

840776

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22
all docs

22
docs citations

22
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Basis of Leader Peptide Recognition in Lasso Peptide Biosynthesis Pathway. ACS Chemical Biology, 2019, 14, 1619-1627.	3.4	40
2	Escherichia coli Itat is a type II toxin that inhibits translation by acetylating isoleucyl-tRNA ^{Leu} . Nucleic Acids Research, 2018, 46, 7873-7885.	14.5	31
3	A Trojan-Horse Peptide-Carboxymethyl-Cytidine Antibiotic from <i>Bacillus amyloqueliquefaciens</i> . Journal of the American Chemical Society, 2016, 138, 15690-15698.	13.7	27
4	The Product of <i>Yersinia pseudotuberculosis</i> mcc Operon Is a Peptide-Cytidine Antibiotic Activated Inside Producing Cells by the TldD/E Protease. Journal of the American Chemical Society, 2017, 139, 16178-16187.	13.7	27
5	The Molecular Mechanism of Aminopropylation of Peptide-Nucleotide Antibiotic Microcin C. Journal of the American Chemical Society, 2014, 136, 11168-11175.	13.7	26
6	Efficient <i>in vivo</i> synthesis of lasso peptide pseudomycoidin proceeds in the absence of both the leader and the leader peptidase. Chemical Science, 2019, 10, 9699-9707.	7.4	25
7	Enzymatic Synthesis of Bioinformatically Predicted Microcin C-Like Compounds Encoded by Diverse Bacteria. MBio, 2014, 5, e01059-14.	4.1	24
8	Natural Trojan horse inhibitors of aminoacyl-tRNA synthetases. RSC Chemical Biology, 2021, 2, 468-485.	4.1	22
9	Identification and characterization of andalusicin: N-terminally dimethylated class III lantibiotic from <i>Bacillus thuringiensis</i> sv. <i>andalousiensis</i> . IScience, 2021, 24, 102480.	4.1	18
10	Biosynthesis of the RiPP trojan horse nucleotide antibiotic microcin C is directed by the <i>N</i> -formyl of the peptide precursor. Chemical Science, 2019, 10, 2391-2395.	7.4	16
11	Enzymatic Synthesis and Functional Characterization of Bioactive Microcin C-Like Compounds with Altered Peptide Sequence and Length. Journal of Bacteriology, 2015, 197, 3133-3141.	2.2	14
12	Mechanism of translation inhibition by type II GNAT toxin AtaT2. Nucleic Acids Research, 2020, 48, 8617-8625.	14.5	11
13	Cell-Free Mutant Analysis Combined with Structure Prediction of a Lasso Peptide Biosynthetic Protease B2. ACS Synthetic Biology, 2022, 11, 2022-2028.	3.8	8
14	Pentapeptide repeat protein QnrB1 requires ATP hydrolysis to rejuvenate poisoned gyrase complexes. Nucleic Acids Research, 2021, 49, 1581-1596.	14.5	7
15	Reiterative Synthesis by the Ribosome and Recognition of the N-Terminal Formyl Group by Biosynthetic Machinery Contribute to Evolutionary Conservation of the Length of Antibiotic Microcin C Peptide Precursor. MBio, 2019, 10, .	4.1	6
16	Histidine-Triad Hydrolases Provide Resistance to Peptide-Nucleotide Antibiotics. MBio, 2020, 11, .	4.1	5
17	An Interplay between Viruses and Bacteria Associated with the White Sea Sponges Revealed by Metagenomics. Life, 2022, 12, 25.	2.4	3
18	GNAT toxins evolve toward narrow tRNA target specificities. Nucleic Acids Research, 2022, 50, 5807-5817.	14.5	2

#	ARTICLE	IF	CITATIONS
19	S51 Family Peptidases Provide Resistance to Peptidyl-Nucleotide Antibiotic McC. MBio, 2022, 13, e0080522.	4.1	0