

Melinda A Ternei

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,248
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1849
citing authors

#	ARTICLE	IF	CITATIONS
1	Lapcin, a potent dual topoisomerase I/II inhibitor discovered by soil metagenome guided total chemical synthesis. <i>Nature Communications</i> , 2022, 13, 842.	12.8	12
2	Identification of structurally diverse menaquinone-binding antibiotics with in vivo activity against multidrug-resistant pathogens. <i>Nature Microbiology</i> , 2022, 7, 120-131.	13.3	22
3	Synthetic-Bioinformatic Natural Product Antibiotics with Diverse Modes of Action. <i>Journal of the American Chemical Society</i> , 2020, 142, 14158-14168.	13.7	32
4	Uncovering the biosynthetic potential of rare metagenomic DNA using co-occurrence network analysis of targeted sequences. <i>Nature Communications</i> , 2019, 10, 3848.	12.8	47
5	Culture-independent discovery of the malacidins as calcium-dependent antibiotics with activity against multidrug-resistant Gram-positive pathogens. <i>Nature Microbiology</i> , 2018, 3, 415-422.	13.3	338
6	Rifamycin congeners kanglemycins are active against rifampicin-resistant bacteria via a distinct mechanism. <i>Nature Communications</i> , 2018, 9, 4147.	12.8	57
7	Urban park soil microbiomes are a rich reservoir of natural product biosynthetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14811-14816.	7.1	89
8	Discovery of MRSA active antibiotics using primary sequence from the human microbiome. <i>Nature Chemical Biology</i> , 2016, 12, 1004-1006.	8.0	149
9	Global biogeographic sampling of bacterial secondary metabolism. <i>ELife</i> , 2015, 4, e05048.	6.0	117
10	Multiplexed metagenome mining using short DNA sequence tags facilitates targeted discovery of epoxyketone proteasome inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4221-4226.	7.1	104
11	Functional metagenomic discovery of bacterial effectors in the human microbiome and isolation of commendamide, a GPCR G2A/132 agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4825-34.	7.1	133
12	Mapping gene clusters within arrayed metagenomic libraries to expand the structural diversity of biomedically relevant natural products. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11797-11802.	7.1	148