

Wendy L Kelly

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

2,502
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2770
citing authors

#	ARTICLE	IF	CITATIONS
1	Ribosomally synthesized and post-translationally modified peptide natural products: overview and recommendations for a universal nomenclature. <i>Natural Product Reports</i> , 2013, 30, 108-160.	10.3	1,692
2	Thiostrepton Biosynthesis: Prototype for a New Family of Bacteriocins. <i>Journal of the American Chemical Society</i> , 2009, 131, 4327-4334.	13.7	221
3	Intramolecular cyclizations of polyketide biosynthesis: mining for a "Diels-Alderase". <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4483.	2.8	109
4	Recent advances in thiopeptide antibiotic biosynthesis. <i>Natural Product Reports</i> , 2010, 27, 153-164.	10.3	101
5	Spectroscopic and Electrochemical Characterization of the Iron-Sulfur and Cobalamin Cofactors of TsrM, an Unusual Radical S-Adenosylmethionine Methylase. <i>Journal of the American Chemical Society</i> , 2016, 138, 3416-3426.	13.7	77
6	Heterologous production of thiostrepton A and biosynthetic engineering of thiostrepton analogs. <i>Molecular BioSystems</i> , 2011, 7, 82-90.	2.9	59
7	Analysis of the Indanomycin Biosynthetic Gene Cluster from <i>Streptomyces antibioticus</i> NRRL 8167. <i>ChemBioChem</i> , 2009, 10, 1064-1072.	2.6	49
8	Mutagenesis of the thiostrepton precursor peptide at Thr7 impacts both biosynthesis and function. <i>Chemical Communications</i> , 2012, 48, 558-560.	4.1	44
9	Biosynthesis of the Thiopeptins and Identification of an F420H2-Dependent Dehydropiperidine Reductase. <i>Journal of the American Chemical Society</i> , 2018, 140, 10749-10756.	13.7	37
10	Saturation Mutagenesis of TsrA Ala4 Unveils a Highly Mutable Residue of Thiostrepton A. <i>ACS Chemical Biology</i> , 2015, 10, 998-1009.	3.4	32
11	In Vivo Production of Thiopeptide Variants. <i>Methods in Enzymology</i> , 2012, 516, 3-24.	1.0	25
12	Thiostrepton Variants Containing a Contracted Quinaldic Acid Macrocycle Result from Mutagenesis of the Second Residue. <i>ACS Chemical Biology</i> , 2016, 11, 415-424.	3.4	22
13	Biosynthetic Origins of the Ionophore Antibiotic Indanomycin. <i>Organic Letters</i> , 2009, 11, 297-300.	4.6	15
14	Life imitates art. <i>Nature</i> , 2011, 473, 35-36.	27.8	12
15	Identification of a Tetraene-Containing Product of the Indanomycin Biosynthetic Pathway. <i>Organic Letters</i> , 2011, 13, 2536-2539.	4.6	7