

Florenz Sasse

List of Publications by Year in descending order

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31
papers

676
citations

516710

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35
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35
docs citations

35
times ranked

778
citing authors

#	ARTICLE	IF	CITATIONS
1	Broad Substrate Specificity of the Amide Synthase in <i>S. hygrosopicus</i> ”New 20-Membered Macrolactones Derived from Geldanamycin. <i>Journal of the American Chemical Society</i> , 2012, 134, 1673-1679.	13.7	58
2	Sulfur, selenium and tellurium pseudopeptides: Synthesis and biological evaluation. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3610-3619.	3.0	58
3	New, Highly Active Nonbenzoquinone Geldanamycin Derivatives by Using Mutasynthesis. <i>ChemBioChem</i> , 2009, 10, 1801-1805.	2.6	50
4	Highly Active Ansamitocin Derivatives: Mutasynthesis Using an AHBA-Blocked Mutant. <i>ChemBioChem</i> , 2008, 9, 1057-1060.	2.6	48
5	Antibiotics from gliding bacteria. No.61. Gephyronic Acid, a Novel Inhibitor of Eukaryotic Protein Synthesis from <i>Archangium gephyra</i> (Myxobacteria). Production, Isolation, Physico-chemical and Biological Properties, and Mechanism of Action.. <i>Journal of Antibiotics</i> , 1995, 48, 21-25.	2.0	38
6	Chemoenzymatic Approaches toward Dechloroansamitocin P-3. <i>Organic Letters</i> , 2007, 9, 1489-1492.	4.6	36
7	Mutational Biosynthesis of Ansamitocin Antibiotics: A Diversity-Oriented Approach to Exploit Biosynthetic Flexibility. <i>ChemBioChem</i> , 2011, 12, 540-547.	2.6	32
8	Preparative mass-spectrometry profiling of bioactive metabolites in Saudi-Arabian propolis fractionated by high-speed countercurrent chromatography and off-line atmospheric pressure chemical ionization mass-spectrometry injection. <i>Journal of Chromatography A</i> , 2014, 1347, 17-29.	3.7	32
9	Preparation of new alkyne-modified ansamitocins by mutasynthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 535-543.	2.2	21
10	The natural diterpene tonantzitlolone A and its synthetic enantiomer inhibit cell proliferation and kinesin-5 function. <i>European Journal of Medicinal Chemistry</i> , 2016, 112, 164-170.	5.5	19
11	Cyclization of Synthetic <i>seco</i> -Proansamitocins to Ansamitocin Macrolactams by <i>Actinosynnema pretiosum</i> as Biocatalyst. <i>ChemBioChem</i> , 2010, 11, 2517-2520.	2.6	18
12	Natural products targeting the elongation phase of eukaryotic protein biosynthesis. <i>Natural Product Reports</i> , 2020, 37, 752-762.	10.3	18
13	New, Non-quinone Fluorogeldanamycin Derivatives Strongly Inhibit Hsp90. <i>ChemBioChem</i> , 2015, 16, 302-311.	2.6	17
14	Deciphering intracellular targets of organochalcogen based redox catalysts. <i>MedChemComm</i> , 2012, 3, 784.	3.4	16
15	Host range of the potential biopesticide Pea Albumin 1b (PA1b) is limited to insects. <i>Toxicon</i> , 2014, 89, 67-76.	1.6	16
16	Heat Shock Proteins Revisited: Using a Mutasynthetically Generated Reblastatin Library to Compare the Inhibition of Human and <i>Leishmania</i> Hsp90s. <i>ChemBioChem</i> , 2018, 19, 562-574.	2.6	16
17	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part II): Total Synthesis of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 942-945.	13.8	15
18	An Improved Route to (+)-Medanolide and Analysis of Its Subtle Effects Controlling Conformation and Biological Behaviour. <i>Chemistry - A European Journal</i> , 2012, 18, 4946-4952.	3.3	15

#	ARTICLE	IF	CITATIONS
19	Iodine-Promoted Oxidative Conversion of Vinyl Diaryl Ketones into Acetyl Diaryl Ketones, Synthesis of Methyl-4-arylphthalazines as Analogues of Podophyllotoxin. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1066-1075.	2.4	14
20	Gephyronic Acid, a Missing Link between Polyketide Inhibitors of Eukaryotic Protein Synthesis (Part I): Structural Revision and Stereochemical Assignment of Gephyronic Acid. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 938-941.	13.8	13
21	New geldanamycin derivatives with anti Hsp properties by mutasynthesis. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 5269-5278.	2.8	13
22	Screening of small molecules affecting mammalian P-body assembly uncovers links with diverse intracellular processes and organelle physiology. <i>RNA Biology</i> , 2013, 10, 1661-1669.	3.1	11
23	Synthesis and Cytotoxicity of a Diazirine-Based Photopsammoplin. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2120-2127.	2.4	10
24	Investigations on the mode of action of gephyronic acid, an inhibitor of eukaryotic protein translation from myxobacteria. <i>PLoS ONE</i> , 2018, 13, e0201605.	2.5	10
25	The Marine Polyketide Myriaporone 3/4 Stalls Translation by Targeting the Elongation Phase. <i>ChemBioChem</i> , 2013, 14, 260-264.	2.6	8
26	Screening and characterization of molecules that modulate the biological activity of IFNs-I. <i>Journal of Biotechnology</i> , 2016, 233, 6-16.	3.8	8
27	The Synthesis and Biological Evaluation of Desepoxyisotedanolide and a Comparison with Desepoxytedanolide. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6935-6939.	13.8	6
28	SAR studies on hydropentalene derivatives—Important core units of biologically active tetramic acid macrolactams and pychanolides. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3252-3261.	3.0	5
29	Synthesis and Biological Evaluation of Gephyronic Acid Derivatives: Initial Steps towards the Identification of the Biological Target of Polyketide Inhibitors of Eukaryotic Protein Synthesis. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 7294-7307.	2.4	3
30	xCELLanalyzer: A Framework for the Analysis of Cellular Impedance Measurements for Mode of Action Discovery. <i>SLAS Discovery</i> , 2019, 24, 213-223.	2.7	3
31	Carbene-Catalyzed Aroylation of a 2-Chloroquinoxaline N-Oxide with Aromatic Aldehydes at Room Temperature. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4457-4460.	2.4	2