Jennifer Herrmann

List of Publications by Year
in descending order

36 papers	1,772 citations	361045 20 h-index	344852 36 g-index
38 all docs	38 docs citations	38 times ranked	2636 citing authors

#	Article	IF	Citations
1	MyxopyroninÂB inhibits growth of a Fidaxomicin-resistant ClostridioidesÂdifficile isolate and interferes with toxin synthesis. Gut Pathogens, 2022, 14, 4.	1.6	5
2	Induction of Liver Size Reduction in Zebrafish Larvae by the Emerging Synthetic Cannabinoid 4F-MDMB-BINACA and Its Impact on Drug Metabolism. Molecules, 2022, 27, 1290.	1.7	5
3	Zebrafish: An Attractive Model to Study Staphylococcus aureus Infection and Its Use as a Drug Discovery Tool. Pharmaceuticals, 2021, 14, 594.	1.7	12
4	Expanding the Myxochelin Natural Product Family by Nicotinic Acid Containing Congeners. Molecules, 2021, 26, 4929.	1.7	5
5	Towards the sustainable discovery and development of new antibiotics. Nature Reviews Chemistry, 2021, 5, 726-749.	13.8	439
6	Semisynthesis and biological evaluation of amidochelocardin derivatives as broad-spectrum antibiotics. European Journal of Medicinal Chemistry, 2020, 188, 112005.	2.6	14
7	PLGA nanocapsules improve the delivery of clarithromycin to kill intracellular Staphylococcus aureus and Mycobacterium abscessus. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102125.	1.7	26
8	Amidochelocardin Overcomes Resistance Mechanisms Exerted on Tetracyclines and Natural Chelocardin. Antibiotics, 2020, 9, 619.	1.5	10
9	Drug Administration Routes Impact the Metabolism of a Synthetic Cannabinoid in the Zebrafish Larvae Model. Molecules, 2020, 25, 4474.	1.7	19
10	How to Study the Metabolism of New Psychoactive Substances for the Purpose of Toxicological Screeningsâ€"A Follow-Up Study Comparing Pooled Human Liver S9, HepaRG Cells, and Zebrafish Larvae. Frontiers in Chemistry, 2020, 8, 539.	1.8	31
11	The glucocorticoidâ€induced leucine zipper mediates statinâ€induced muscle damage. FASEB Journal, 2020, 34, 4684-4701.	0.2	19
12	Toxicokinetics and toxicodynamics of the fentanyl homologs cyclopropanoyl-1-benzyl-4Â´-fluoro-4-anilinopiperidine and furanoyl-1-benzyl-4-anilinopiperidine. Archives of Toxicology, 2020, 94, 2009-2025.	1.9	19
13	Metabolic Profiling to Determine Bactericidal or Bacteriostatic Effects of New Natural Products using Isothermal Microcalorimetry. Journal of Visualized Experiments, 2020, , .	0.2	2
14	Aurantimycin resistance genes contribute to survival of Listeria monocytogenes during life in the environment. Molecular Microbiology, 2019, 111, 1009-1024.	1.2	16
15	Tools for studying the metabolism of new psychoactive substances for toxicological screening purposes â€" A comparative study using pooled human liver S9, HepaRG cells, and zebrafish larvae. Toxicology Letters, 2019, 305, 73-80.	0.4	40
16	Engineering Atypical Tetracycline Formation in Amycolatopsis sulphurea for the Production of Modified Chelocardin Antibiotics. ACS Chemical Biology, 2019, 14, 468-477.	1.6	24
17	Expressing cytotoxic compounds in Escherichia coli Nissle 1917 for tumor-targeting therapy. Research in Microbiology, 2019, 170, 74-79.	1.0	48
18	Octapeptins: Lipopeptide Antibiotics against Multidrug-Resistant Superbugs. Cell Chemical Biology, 2018, 25, 351-353.	2.5	11

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19	Biosynthesis of the Klebsiella oxytoca Pathogenicity Factor Tilivalline: Heterologous Expression, in Vitro Biosynthesis, and Inhibitor Development. ACS Chemical Biology, 2018, 13, 812-819.	1.6	24
20	BAX/BAK-Induced Apoptosis Results in Caspase-8-Dependent IL-1Î² Maturation in Macrophages. Cell Reports, 2018, 25, 2354-2368.e5.	2.9	74
21	Activation of the NLRP3 Inflammasome by Hyaboron, a New Asymmetric Boron-Containing Macrodiolide from the Myxobacterium Hyalangium minutum. ACS Chemical Biology, 2018, 13, 2981-2988.	1.6	15
22	Novel and revisited approaches in antituberculosis drug discovery. Current Opinion in Biotechnology, 2017, 48, 94-101.	3.3	19
23	Structure and Biosynthesis of Crocagins: Polycyclic Posttranslationally Modified Ribosomal Peptides from Chondromyces crocatus. Angewandte Chemie - International Edition, 2017, 56, 7407-7410.	7.2	32
24	The natural product carolacton inhibits folate-dependent C1 metabolism by targeting FolD/MTHFD. Nature Communications, 2017, 8, 1529.	5.8	66
25	Isolation, Structure Elucidation, and (Bio)Synthesis of Haprolid, a Cellâ€Typeâ€Specific Myxobacterial Cytotoxin. Angewandte Chemie - International Edition, 2016, 55, 10113-10117.	7.2	22
26	Strategies for the Discovery and Development of New Antibiotics from Natural Products: Three Case Studies. Current Topics in Microbiology and Immunology, 2016, 398, 339-363.	0.7	18
27	Genetic engineering and heterologous expression of the disorazol biosynthetic gene cluster via Red/ET recombineering. Scientific Reports, 2016, 6, 21066.	1.6	34
28	Room temperature electrocompetent bacterial cells improve DNA transformation and recombineering efficiency. Scientific Reports, 2016, 6, 24648.	1.6	66
29	Biosynthetic Studies of Telomycin Reveal New Lipopeptides with Enhanced Activity. Journal of the American Chemical Society, 2015, 137, 7692-7705.	6.6	57
30	Targeting DnaN for tuberculosis therapy using novel griselimycins. Science, 2015, 348, 1106-1112.	6.0	262
31	Rickenyls Aâ€“E, antioxidative terphenyls from the fungus Hypoxylon rickii (Xylariaceae, Ascomycota). Phytochemistry, 2015, 118, 68-73.	1.4	46
32	Heterologous expression of an orphan NRPS gene cluster from Paenibacillus larvae in Escherichia coli revealed production of sevadicin. Journal of Biotechnology, 2015, 194, 112-114.	1.9	19
33	Cystobactamids: Myxobacterial Topoisomerase Inhibitors Exhibiting Potent Antibacterial Activity. Angewandte Chemie - International Edition, 2014, 53, 14605-14609.	7.2	145
34	Discovery and Biological Activity of New Chondramides from Chondromyces sp.. ChemBioChem, 2013, 14, 1573-1580.	1.3	23
35	Pretubulysin: From Hypothetical Biosynthetic Intermediate to Potential Lead in Tumor Therapy. PLoS ONE, 2012, 7, e37416.	1.1	34
36	Synthesis and Biological Evaluation of Pretubulysin and Derivatives. European Journal of Organic Chemistry, 2009, 2009, 6367-6378.	1.2	66