Fabian Panter

List of Publications by Year
in descending order

23 papers	593 citations	623188 14 h-index	713013 21 g-index
29 all docs	29 docs citations	29 times ranked	623 citing authors

#	Article	IF	Citations
1	Sandacrabins â€“ Structurally Unique Antiviral RNA Polymerase Inhibitors from a Rare Myxobacterium**. Chemistry - A European Journal, 2022, 28, e202104484.	1.7	10
2	Myxobacteria of the Cystobacterineae Suborder Are Producers of New Vitamin K2 Derived Myxoquinones. Microorganisms, 2022, 10, 534.	1.6	1
3	Expanding the Scope of Detectable Microbial Natural Products by Complementary Analytical Methods and Cultivation Systems. Journal of Natural Products, 2021, 84, 268-277.	1.5	4
4	Improved broad-spectrum antibiotics against Gram-negative pathogens via darobactin biosynthetic pathway engineering. Chemical Science, 2021, 12, 11882-11893.	3.7	41
5	Die Sandarazole sind kryptische und strukturell einzigartige, Plasmidâ€codierte Toxine aus einem seltenen Myxobakterium**. Angewandte Chemie, 2021, 133, 8161-8169.	1.6	0
6	The Sandarazols are Cryptic and Structurally Unique Plasmidâ€Encoded Toxins from a Rare Myxobacterium**. Angewandte Chemie - International Edition, 2021, 60, 8081-8088.	7.2	7
7	Synergizing the potential of bacterial genomics and metabolomics to find novel antibiotics. Chemical Science, 2021, 12, 5994-6010.	3.7	33
8	Genome-Guided Discovery of the First Myxobacterial Biarylitide Myxarylin Reveals Distinct Câ€“N Biaryl Crosslinking in RiPP Biosynthesis. Molecules, 2021, 26, 7483.	1.7	27
9	In depth natural product discovery - Myxobacterial strains that provided multiple secondary metabolites. Biotechnology Advances, 2020, 39, 107480.	6.0	57
10	Supercritical Fluid Extraction Enhances Discovery of Secondary Metabolites from Myxobacteria. Analytical Chemistry, 2020, 92, 15403-15411.	3.2	18
11	Myxobacteria-Derived Outer Membrane Vesicles: Potential Applicability Against Intracellular Infections. Cells, 2020, 9, 194.	1.8	29
12	Production optimization and biosynthesis revision of corallopyronin A, a potent anti-filarial antibiotic. Metabolic Engineering, 2019, 55, 201-211.	3.6	35
13	Production of a Dibrominated Aromatic Secondary Metabolite by a Planctomycete Implies Complex Interaction with a Macroalgal Host. ACS Chemical Biology, 2019, 14, 2713-2719.	1.6	18
14	Novel Methoxymethacrylate Natural Products Uncovered by Statistics-Based Mining of the Myxococcus fulvus Secondary Metabolome. ACS Chemical Biology, 2019, 14, 88-98.	1.6	22
15	Genome mining reveals uncommon alkylpyrones as type III PKS products from myxobacteria. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 319-334.	1.4	30
16	Self-resistance guided genome mining uncovers new topoisomerase inhibitors from myxobacteria. Chemical Science, 2018, 9, 4898-4908.	3.7	88
17	Homospermidine Lipids: A Compound Class Specifically Formed during Fruiting Body Formation of Myxococcus xanthus DK1622. ACS Chemical Biology, 2018, 13, 273-280.	1.6	11
18	Biocompatible bacteria-derived vesicles show inherent antimicrobial activity. Journal of Controlled Release, 2018, 290, 46-55.	4.8	90

#	Article	IF	Citations
19	Struktur, Totalsynthese und Biosynthese der Chloromyxamide: Myxobakterielle Tetrapeptide mit einem ungewÃ¶hnlichen 6â€Chloromethylâ€5â€methoxypipecolinsÃ¤ureâ€Baustein. Angewandte Chemie, 2018, 130, 14466-14471.	1.6	3
20	Structure, Total Synthesis, and Biosynthesis of Chloromyxamides: Myxobacterial Tetrapeptides Featuring an Uncommon 6â€Chloromethylâ€5â€methoxypipecolic Acid Building Block. Angewandte Chemie - International Edition, 2018, 57, 14270-14275.	7.2	18
21	Pyxipyrrolones: Structure Elucidation and Biosynthesis of Cytotoxic Myxobacterial Metabolites. Angewandte Chemie - International Edition, 2017, 56, 9614-9618.	7.2	20
22	Die Pyxipyrrolone: StrukturaufklÃ¤rung und Biosynthese zytotoxischer myxobakterieller SekundÃ¤rmetabolite. Angewandte Chemie, 2017, 129, 9743-9747.	1.6	5
23	Predicting the Presence of Uncommon Elements in Unknown Biomolecules from Isotope Patterns. Analytical Chemistry, 2016, 88, 7556-7566.	3.2	26