

Fabian Panter

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3249481/publications.pdf>

Version: 2024-02-01

23
papers

593
citations

623188

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713013

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all docs

29
docs citations

29
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatible bacteria-derived vesicles show inherent antimicrobial activity. <i>Journal of Controlled Release</i> , 2018, 290, 46-55.	4.8	90
2	Self-resistance guided genome mining uncovers new topoisomerase inhibitors from myxobacteria. <i>Chemical Science</i> , 2018, 9, 4898-4908.	3.7	88
3	In depth natural product discovery - Myxobacterial strains that provided multiple secondary metabolites. <i>Biotechnology Advances</i> , 2020, 39, 107480.	6.0	57
4	Improved broad-spectrum antibiotics against Gram-negative pathogens <i>via</i> darobactin biosynthetic pathway engineering. <i>Chemical Science</i> , 2021, 12, 11882-11893.	3.7	41
5	Production optimization and biosynthesis revision of coralopyronin A, a potent anti-filarial antibiotic. <i>Metabolic Engineering</i> , 2019, 55, 201-211.	3.6	35
6	Synergizing the potential of bacterial genomics and metabolomics to find novel antibiotics. <i>Chemical Science</i> , 2021, 12, 5994-6010.	3.7	33
7	Genome mining reveals uncommon alkylpyrones as type III PKS products from myxobacteria. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 319-334.	1.4	30
8	Myxobacteria-Derived Outer Membrane Vesicles: Potential Applicability Against Intracellular Infections. <i>Cells</i> , 2020, 9, 194.	1.8	29
9	Genome-Guided Discovery of the First Myxobacterial Biarylittide Myxarylin Reveals Distinct C ¹⁵ N Biaryl Crosslinking in RiPP Biosynthesis. <i>Molecules</i> , 2021, 26, 7483.	1.7	27
10	Predicting the Presence of Uncommon Elements in Unknown Biomolecules from Isotope Patterns. <i>Analytical Chemistry</i> , 2016, 88, 7556-7566.	3.2	26
11	Novel Methoxymethacrylate Natural Products Uncovered by Statistics-Based Mining of the <i>Myxococcus fulvus</i> Secondary Metabolome. <i>ACS Chemical Biology</i> , 2019, 14, 88-98.	1.6	22
12	Pyxipyrrolones: Structure Elucidation and Biosynthesis of Cytotoxic Myxobacterial Metabolites. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9614-9618.	7.2	20
13	Structure, Total Synthesis, and Biosynthesis of Chloromyxamides: Myxobacterial Tetrapeptides Featuring an Uncommon 6 α -Chloromethyl α -methoxy-pipecolic Acid Building Block. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14270-14275.	7.2	18
14	Production of a Dibrominated Aromatic Secondary Metabolite by a Planctomycete Implies Complex Interaction with a Macroalgal Host. <i>ACS Chemical Biology</i> , 2019, 14, 2713-2719.	1.6	18
15	Supercritical Fluid Extraction Enhances Discovery of Secondary Metabolites from Myxobacteria. <i>Analytical Chemistry</i> , 2020, 92, 15403-15411.	3.2	18
16	Homospermidine Lipids: A Compound Class Specifically Formed during Fruiting Body Formation of <i>Myxococcus xanthus</i> DK1622. <i>ACS Chemical Biology</i> , 2018, 13, 273-280.	1.6	11
17	Sandacrabins $\hat{=}$ Structurally Unique Antiviral RNA Polymerase Inhibitors from a Rare Myxobacterium ^{**} . <i>Chemistry - A European Journal</i> , 2022, 28, e202104484.	1.7	10
18	The Sandarazols are Cryptic and Structurally Unique Plasmid $\hat{=}$ Encoded Toxins from a Rare Myxobacterium ^{**} . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8081-8088.	7.2	7

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19	Die Pyxipyrralone: Strukturaufklärung und Biosynthese zytotoxischer myxobakterieller Sekundärmetabolite. <i>Angewandte Chemie</i> , 2017, 129, 9743-9747.	1.6	5
20	Expanding the Scope of Detectable Microbial Natural Products by Complementary Analytical Methods and Cultivation Systems. <i>Journal of Natural Products</i> , 2021, 84, 268-277.	1.5	4
21	Struktur, Totalsynthese und Biosynthese der Chloromyxamide: Myxobakterielle Tetrapeptide mit einem ungewöhnlichen 6-Chloromethyl-5-methoxypipercolinsäurebaustein. <i>Angewandte Chemie</i> , 2018, 130, 14466-14471.	1.6	3
22	Myxobacteria of the Cystobacterineae Suborder Are Producers of New Vitamin K2 Derived Myxoquinones. <i>Microorganisms</i> , 2022, 10, 534.	1.6	1
23	Die Sandarazole sind kryptische und strukturell einzigartige, Plasmid-codierte Toxine aus einem seltenen Myxobakterium**. <i>Angewandte Chemie</i> , 2021, 133, 8161-8169.	1.6	0