

Harald GroÃ

List of Publications by Year in descending order

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51
papers

671
citations

758635

12
h-index

610482

24
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52
all docs

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docs citations

52
times ranked

1205
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic lipopeptides as antibacterial agents – Potent antibiotic activity mediated by intriguing mode of actions. <i>International Journal of Medical Microbiology</i> , 2014, 304, 37-43.	1.5	92
2	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.	5.2	92
3	Biosynthetic Origin of the Antibiotic Cyclocarbamate Brabantamide A (SB253514) in Plant-Associated <i>Pseudomonas</i> . <i>ChemBioChem</i> , 2014, 15, 259-266.	1.3	59
4	Discovery of the Cyclic Lipopeptide Gacamide A by Genome Mining and Repair of the Defective GacA Regulator in <i>Pseudomonas fluorescens</i> Pf0-1. <i>Journal of Natural Products</i> , 2019, 82, 301-308.	1.5	38
5	Computer-aided re-engineering of nonribosomal peptide and polyketide biosynthetic assembly lines. <i>Natural Product Reports</i> , 2019, 36, 1249-1261.	5.2	35
6	Warhead biosynthesis and the origin of structural diversity in hydroxamate metalloproteinase inhibitors. <i>Nature Communications</i> , 2017, 8, 1965.	5.8	32
7	Biosynthetic Origin of the Antibiotic Pseudopyronines A and B in <i>Pseudomonas putida</i> BW11M1. <i>ChemBioChem</i> , 2015, 16, 2491-2497.	1.3	26
8	A Membrane-Bound Prenyltransferase Catalyzes the O-Prenylation of 1,6-Dihydroxyphenazine in the Marine Bacterium <i>Streptomyces</i> sp. CNQ509. <i>ChemBioChem</i> , 2014, 15, 2385-2392.	1.3	25
9	Nocathioamides, Uncovered by a Tunable Metabologenomic Approach, Define a Novel Class of Chimeric Lanthipeptides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16472-16479.	7.2	24
10	The Systematic Investigation of the Quorum Sensing System of the Biocontrol Strain <i>Pseudomonas chlororaphis</i> subsp. <i>aurantiaca</i> PB-St2 Unveils aurl to Be a Biosynthetic Origin for 3-Oxo-Homoserine Lactones. <i>PLoS ONE</i> , 2016, 11, e0167002.	1.1	22
11	Predicting the Structure of Cyclic Lipopeptides by Bioinformatics: Structure Revision of Arthrofactin. <i>ChemBioChem</i> , 2012, 13, 2671-2675.	1.3	21
12	<i>Burkholderia</i> in the genomic era: from taxonomy to the discovery of new antimicrobial secondary metabolites. <i>Critical Reviews in Microbiology</i> , 2022, 48, 121-160.	2.7	17
13	dRNA-seq transcriptional profiling of the FK506 biosynthetic gene cluster in <i>Streptomyces tsukubaensis</i> NRRL18488 and general analysis of the transcriptome. <i>RNA Biology</i> , 2017, 14, 1617-1626.	1.5	14
14	Structure elucidation and biosynthetic locus of trinickiabactin from the plant pathogenic bacterium <i>Trinickia caryophylli</i> . <i>Journal of Antibiotics</i> , 2020, 73, 28-34.	1.0	14
15	Mining Indonesian Microbial Biodiversity for Novel Natural Compounds by a Combined Genome Mining and Molecular Networking Approach. <i>Marine Drugs</i> , 2021, 19, 316.	2.2	14
16	<i>Pseudomonas</i> Lipopeptide-Mediated Biocontrol: Chemotaxonomy and Biological Activity. <i>Molecules</i> , 2022, 27, 372.	1.7	14
17	New Nocobactin Derivatives with Antimuscarinic Activity, Terpenibactins A–C, Revealed by Genome Mining of <i>Nocardia terpenica</i> IFM 0406. <i>ChemBioChem</i> , 2020, 21, 2205-2213.	1.3	13
18	Genetic Engineering in Combination with Semi-Synthesis Leads to a New Route for Gram-Scale Production of the Immunosuppressive Natural Product Brasilicardinin A. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13536-13541.	7.2	12

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19	Massiliamide, a cyclic tetrapeptide with potent tyrosinase inhibitory properties from the Gram-negative bacterium <i>Massilia albidiflava</i> DSM 17472T. <i>Journal of Antibiotics</i> , 2021, 74, 269-272.	1.0	8
20	Biosynthetic reconstitution of deoxysugar phosphoramidate metalloprotease inhibitors using an Nâ€P-bond-forming kinase. <i>Chemical Science</i> , 2019, 10, 4486-4490.	3.7	7
21	Discovery of Thanafactin A, a Linear, Proline-Containing Octalipeptide from <i>Pseudomonas</i> sp. SH-C52, Motivated by Genome Mining. <i>Journal of Natural Products</i> , 2021, 84, 101-109.	1.5	7
22	Draft Genome Sequences of Six Type Strains of the Genus <i>Massilia</i> . <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	7
23	Improved <i>De Novo</i> Draft Genome Sequence of the Nocavionin-Producing Type Strain <i>Nocardia terpenica</i> IFM 0706 and Comparative Genomics with the Closely Related Strain <i>Nocardia terpenica</i> IFM 0406. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	6
24	Draft Genome Sequence of Lipopeptide-Producing Strain <i>Pseudomonas fluorescens</i> DSM 11579 and Comparative Genomics with <i>Pseudomonas</i> sp. Strain SH-C52, a Closely Related Lipopeptide-Producing Strain. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	6
25	Nocathioamides, Uncovered by a Tunable Metabologenomic Approach, Define a Novel Class of Chimeric Lanthipeptides. <i>Angewandte Chemie</i> , 2021, 133, 16608-16615.	1.6	6
26	High Plasticity of the Amicetin Biosynthetic Pathway in <i>Streptomyces</i> sp. SHP 22-7 Led to the Discovery of Streptocytosine P and Cytosaminomycins F and G and Facilitated the Production of 12F-Plicacetin. <i>Journal of Natural Products</i> , 2022, 85, 530-539.	1.5	6
27	Draft Genome Sequence of <i>Streptomyces</i> sp. Strain DH-12, a Soilborne Isolate from the Thar Desert with Broad-Spectrum Antibacterial Activity. <i>Genome Announcements</i> , 2018, 6, .	0.8	5
28	Identification of Novel \pm -Pyrone from <i>Conexibacter woesei</i> Serving as Sulfate Shuttles. <i>ACS Chemical Biology</i> , 2019, 14, 1972-1980.	1.6	4
29	The Draft Whole-Genome Sequence of the Antibiotic Producer <i>Empedobacter haloabium</i> ATCC 31962 Provides Indications for Its Taxonomic Reclassification. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	4
30	Towards enantioselective ultrahigh performance liquid chromatographyâ€mass spectrometryâ€based metabolomics of branchedâ€chain fatty acids and anteiso â€fatty acids under reversedâ€phase conditions using subâ€2â€m amyloseâ€and celluloseâ€derived chiral stationary phases. <i>Chirality</i> , 2022, 34, 484-497.	1.3	4
31	Draft Genome Sequence of the Xanthocidin-Producing Strain <i>Streptomyces</i> sp. AcE210, Isolated from a Root Nodule of <i>Alnus glutinosa</i> (L.). <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	3
32	Xanthocidin Derivatives from the Endophytic <i>Streptomyces</i> sp. AcE210 Provide Insight into Xanthocidin Biosynthesis. <i>ChemBioChem</i> , 2018, 19, 2472-2480.	1.3	3
33	Draft Genome Sequence of the Halophilic Strain <i>Citrobacter braakii</i> AN-PRR1, Isolated from Rhizospheric Soil of Rice (<i>Oryza sativa</i> L.) from Pakistan. <i>Microbiology Resource Announcements</i> , 2021, 10, e0078721.	0.3	3
34	Genome Sequence of <i>Escherichia coli</i> Stbl4, a Versatile Genetic Tool for Heterologous Expression. <i>Microbiology Resource Announcements</i> , 2021, 10, e0082321.	0.3	3
35	Genome Sequence of <i>Lysobacter</i> sp. Strain BMK333-48F3, the Producer Strain of Potent Lipopeptide Antibiotics of the Tripropeptin Family. <i>Microbiology Resource Announcements</i> , 2021, 10, e0096921.	0.3	3
36	Draft Genome Sequence of <i>Pseudomonas gingeri</i> Strain LMG 5327, the Causative Agent of Ginger Blotch in <i>Agaricus bisporus</i> . <i>Genome Announcements</i> , 2018, 6, .	0.8	2

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37	Draft Genome Sequence and Annotation of the Phytopathogenic <i>Ralstonia pickettii</i> (Previously) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	0.8	2
38	Draft Genome Sequence of <i>Micromonospora</i> sp. Strain MW-13, a Bacterial Strain with Antibacterial Properties and Plant Growth Promotion Potential Isolated from the Rhizosphere of Wheat in Iran. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
39	Draft Genome Sequence of <i>Ochrobactrum</i> sp. Strain MC-1LL, a Bacterial Strain with Antimicrobial Properties, Isolated from Marine Sediments in Nigeria. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
40	Draft Genome Sequence of <i>Pseudomonas chlororaphis</i> subsp. <i>aurantiaca</i> ARS-38, a Bacterial Strain with Plant Growth Promotion Potential, Isolated from the Rhizosphere of Cotton in Pakistan. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	2
41	Draft Genome Sequence of <i>Nonomuraea</i> sp. Strain C10, a Producer of Brartemicin, Isolated from a Mud Dauber Wasp Nest in Nepal. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
42	Draft Genome Sequence of the Pristinamycin-Producing Strain <i>Streptomyces</i> sp. SW4, Isolated from Soil in Nusa Kambangan, Indonesia. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	1
43	(2 <i>S</i> ,3 <i>S</i>)-2-Azaniumyl-4-[(1 <i>S</i> ,4 <i>aS</i> ,4 <i>bS</i> ,6 <i>S</i> ,7 <i>S</i> ,8 <i>aS</i> ,10 <i>aS</i>)-6,7-dihydroxy-2,4 <i>b</i> ,8,8,10 <i>a</i> -pentamethyl-1,4,4 <i>a</i> ,4 <i>b</i> ,5,6,7,8,8 <i>a</i> ,9,10,10 <i>a</i> -dodecahyd	0.1	1
44	(2 <i>S</i> ,3 <i>S</i>)-2-Azaniumyl-4-[(1 <i>S</i> ,4 <i>aS</i> ,4 <i>bS</i> ,6 <i>S</i> ,7 <i>S</i> ,8 <i>aS</i> ,10 <i>aS</i>)-6,7-dihydroxy-2,4 <i>b</i> ,8,8,10 <i>a</i> -pentamethyl-1,4,4 <i>a</i> ,4 <i>b</i> ,5,6,7,8,8 <i>a</i> ,9,10,10 <i>a</i> -dodecahyd	0.1	1
45	Mycothiol Peroxidase Activity as a Part of the Self-Resistance Mechanisms against the Antitumor Antibiotic Cosmomycin D. <i>Microbiology Spectrum</i> , 2022, 10, e0049322.	1.2	1
46	Versatile synthesis of pathogen specific bacterial cell wall building blocks. <i>RSC Advances</i> , 2022, 12, 15046-15069.	1.7	1
47	Draft Genome Sequence of the Extensively Drug-Resistant <i>Pseudomonas aeruginosa</i> Clinical Isolate TUEPA7472. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	0
48	Draft Genome Sequence of the Novonestmycin-Producing Strain <i>Streptomyces</i> sp. Z26, Isolated from Potato Rhizosphere in Morocco. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	0
49	Draft Genome Sequence of the Sattazolin-Producing Strain <i>Pseudonocardia</i> sp. C8, Isolated from a Mud Dauber Wasp Nest in Nepal. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	0
50	Genetic Engineering in Combination with Semi-synthesis Leads to a New Route for Gram-scale Production of the Immunosuppressive Natural Product Brasilicardin. <i>Angewandte Chemie</i> , 2021, 133, 13648-13653.	1.6	0
51	Selective mono-de-O-acetylation of the per-O-acetylated brasilicardin carbohydrate side chain. <i>Carbohydrate Research</i> , 2021, 504, 108312.	1.1	0