Christian Jogler

List of Publications by Year
in descending order

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67 papers	3,638 citations	147566 31 h-index	149479 56 g-index
75 all docs	75 docs citations	75 times ranked	2348 citing authors

#	Article	IF	Citations
1	Mucisphaera calidilacus gen. nov., sp. nov., a novel planctomycete of the class Phycisphaerae isolated in the shallow sea hydrothermal system of the Lipari Islands. Antonie Van Leeuwenhoek, 2022, 115, 407.	0.7	8
2	Salsipaludibacter albus gen. nov., sp. nov., a novel actinobacterial strain isolate from a Portuguese solar saltern and proposal of Salsipaludibacteraceae fam. nov. and Salsipaludibacterales ord. nov.. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	0.8	11
3	Cultivation of elusive microbes unearthed exciting biology. Nature Communications, 2021, 12, 75.	5.8	7
4	Bremerella alba sp. nov., a novel planctomycete isolated from the surface of the macroalga Fucus spiralis. Systematic and Applied Microbiology, 2021, 44, 126189.	1.2	14
5	Analysis of Bacterial Communities on North Sea Macroalgae and Characterization of the Isolated Planctomycetes Adhaeretor mobilis gen. nov., sp. nov., Roseimaritima multifibrata sp. nov., Rosistilla ulvae sp. nov. and Rubripirellula lacrimiformis sp. nov.. Microorganisms, 2021, 9, 1494.	1.6	34
6	The bacterial phylum Planctomycetes as novel source for bioactive small molecules. Biotechnology Advances, 2021, 53, 107818.	6.0	22
7	Analysis of bacterial communities in a municipal duck pond during a phytoplankton bloom and isolation of Anatilimnocola aggregata gen. nov., sp. nov., Lacipirellula limnantheis sp. nov. and Urbifossiella limnaea gen. nov., sp. nov. belonging to the phylum Planctomycetes. Environmental Microbiology, 2021, 23, 1379-1396.	1.8	35
8	Three marine strains constitute the novel genus and species Crateriforma conspicua in the phylum Planctomycetes. Antonie Van Leeuwenhoek, 2020, 113, 1797-1809.	0.7	35
9	Blastopirellula retiformator sp. nov. isolated from the shallow-sea hydrothermal vent system close to Panarea Island. Antonie Van Leeuwenhoek, 2020, 113, 1811-1822.	0.7	29
10	Description of the novel planctomycetal genus Bremerella, containing Bremerella volcania sp. nov., isolated from an active volcanic site, and reclassification of Blastopirellula cremea as Bremerella cremea comb. nov.. Antonie Van Leeuwenhoek, 2020, 113, 1823-1837.	0.7	36
11	Description of three bacterial strains belonging to the new genus Novipirellula gen. nov., reclassificiation of Rhodopirellula rosea and Rhodopirellula caenicola and readjustment of the genus threshold of the phylogenetic marker rpoB for Planctomycetaceae. Antonie Van Leeuwenhoek, 2020, 113, 1779-1795.	0.7	56
12	Rhodopirellula heiligendammensis sp. nov., Rhodopirellula pilleata sp. nov., and Rhodopirellula solitaria sp. nov. isolated from natural or artificial marine surfaces in Northern Germany and California, USA, and emended description of the genus Rhodopirellula. Antonie Van Leeuwenhoek, 2020, 113, 1737-1750.	0.7	35
13	Alienimonas californiensis gen. nov. sp. nov., a novel Planctomycete isolated from the kelp forest in Monterey Bay. Antonie Van Leeuwenhoek, 2020, 113, 1751-1766.	0.7	40
14	Three novel Rubripirellula species isolated from plastic particles submerged in the Baltic Sea and the estuary of the river Warnow in northern Germany. Antonie Van Leeuwenhoek, 2020, 113, 1767-1778.	0.7	41
15	Rubinisphaera italica sp. nov. isolated from a hydrothermal area in the Tyrrhenian Sea close to the volcanic island Panarea. Antonie Van Leeuwenhoek, 2020, 113, 1727-1736.	0.7	38
16	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. Nature Microbiology, 2020, 5, 126-140.	5.9	164
17	Caulifigura coniformis gen. nov., sp. nov., a novel member of the family Planctomycetaceae isolated from a red biofilm sampled in a hydrothermal area. Antonie Van Leeuwenhoek, 2020, 113, 1927-1937.	0.7	15
18	Rosistilla oblonga gen. nov., sp. nov. and Rosistilla carotiformis sp. nov., isolated from biotic or abiotic surfaces in Northern Germany, Mallorca, Spain and California, USA. Antonie Van Leeuwenhoek, 2020, 113, 1939-1952.	0.7	20

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19	Updates to the recently introduced family Lacipirellulaceae in the phylum Planctomycetes: isolation of strains belonging to the novel genera Aeoliella, Botrimarina, Pirellulimonas and Pseudobythopirellula and the novel species Bythopirellula polymerisocia and Posidoniimonas corsicana. Antonie Van Leeuwenhoek, 2020, 113, 1979-1997.	0.7	47
20	Stieleriacines, N-Acyl Dehydrotyrosines From the Marine Planctomycete Stieleria neptunia sp. nov.. Frontiers in Microbiology, 2020, 11, 1408.	1.5	25
21	Three Planctomycetes isolated from biotic surfaces in the Mediterranean Sea and the Pacific Ocean constitute the novel species Symmachiella dynata gen. nov., sp. nov. and Symmachiella macrocystis sp. nov.. Antonie Van Leeuwenhoek, 2020, 113, 1965-1977.	0.7	20
22	Stieleria varia sp. nov., isolated from wood particles in the Baltic Sea, constitutes a novel species in the family Pirellulaceae within the phylum Planctomycetes. Antonie Van Leeuwenhoek, 2020, 113, 1953-1963.	0.7	14
23	Cultivation-Independent Analysis of the Bacterial Community Associated With the Calcareous Sponge Clathrina clathrus and Isolation of Poriferisphaera corsica Gen. Nov., Sp. Nov., Belonging to the Barely Studied Class Phycisphaerae in the Phylum Planctomycetes. Frontiers in Microbiology, 2020, 11, 602250.	1.5	23
24	Additions to the genus Gimesia: description of Gimesia alba sp. nov., Gimesia algae sp. nov., Gimesia aquarii sp. nov., Gimesia aquatilis sp. nov., Gimesia fumaroli sp. nov. and Gimesia panareensis sp. nov., isolated from aquatic habitats of the Northern Hemisphere. Antonie Van Leeuwenhoek, 2020, 113, 1999-2018.	0.7	41
25	Calycomorphotria hydatis gen. nov., sp. nov., a novel species in the family Planctomycetaceae with conspicuous subcellular structures. Antonie Van Leeuwenhoek, 2020, 113, 1877-1887.	0.7	17
26	Tautonia plasticadhaerens sp. nov., a novel species in the family Isosphaeraceae isolated from an alga in a hydrothermal area of the Eolian Archipelago. Antonie Van Leeuwenhoek, 2020, 113, 1889-1900.	0.7	19
27	The planctomycete Stieleria maiorica Mal15T employs stieleriacines to alter the species composition in marine biofilms. Communications Biology, 2020, 3, 303.	2.0	33
28	Thalassoglobus polymorphus sp. nov., a novel Planctomycete isolated close to a public beach of Mallorca Island. Antonie Van Leeuwenhoek, 2020, 113, 1915-1926.	0.7	15
29	Maioricimonas rarisocia gen. nov., sp. nov., a novel planctomycete isolated from marine sediments close to Mallorca Island. Antonie Van Leeuwenhoek, 2020, 113, 1901-1913.	0.7	17
30	The Microbiome of Posidonia oceanica Seagrass Leaves Can Be Dominated by Planctomycetes. Frontiers in Microbiology, 2020, 11, 1458.	1.5	40
31	Non-essentiality of canonical cell division genes in the planctomycete Planctopirus limnophila. Scientific Reports, 2020, 10, 66.	1.6	26
32	Aureliella helgolandensis gen. nov., sp. nov., a novel Planctomycete isolated from a jellyfish at the shore of the island Helgoland. Antonie Van Leeuwenhoek, 2020, 113, 1839-1849.	0.7	19
33	Description of Polystyrenella longa gen. nov., sp. nov., isolated from polystyrene particles incubated in the Baltic Sea. Antonie Van Leeuwenhoek, 2020, 113, 1851-1862.	0.7	14
34	Lignipirellula cremea gen. nov., sp. nov., a planctomycete isolated from wood particles in a brackish river estuary. Antonie Van Leeuwenhoek, 2020, 113, 1863-1875.	0.7	15
35	Alienimonas chondri sp. nov., a novel planctomycete isolated from the biofilm of the red alga Chondrus crispus. Systematic and Applied Microbiology, 2020, 43, 126083.	1.2	17
36	Pinkâ€•and orangeâ€pigmented Planctomycetes produce saproxanthinâ€type carotenoids including a rare C ₄₅ carotenoid. Environmental Microbiology Reports, 2019, 11, 741-748.	1.0	28

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37	Commentary: Manifold Routes to a Nucleus. Frontiers in Microbiology, 2019, 10, 1198.	1.5	4
38	Planctomycetes. , 2019, , 614-614.		10
39	Reevaluation of the Complete Genome Sequence of Magnetospirillum gryphiswaldense MSR-1 with Single-Molecule Real-Time Sequencing Data. Genome Announcements, 2018, 6, .	0.8	15
40	On the maverick Planctomycetes. FEMS Microbiology Reviews, 2018, 42, 739-760.	3.9	210
41	Determining the bacterial cell biology of Planctomycetes. Nature Communications, 2017, 8, 14853.	5.8	175
42	Three Novel Species with Peptidoglycan Cell Walls form the New Genus Lacunisphaera gen. nov. in the Family Opitutaceae of the Verrucomicrobial Subdivision 4. Frontiers in Microbiology, 2017, 8, 202.	1.5	75
43	Untangling Genomes of Novel Planctomycetal and Verrucomicrobial Species from Monterey Bay Kelp Forest Metagenomes by Refined Binning. Frontiers in Microbiology, 2017, 8, 472.	1.5	70
44	Developing Techniques for the Utilization of Planctomycetes As Producers of Bioactive Molecules. Frontiers in Microbiology, 2016, 7, 1242.	1.5	69
45	Fuerstia marisgermanicae gen. nov., sp. nov., an Unusual Member of the Phylum Planctomycetes from the German Wadden Sea. Frontiers in Microbiology, 2016, 7, 2079.	1.5	49
46	Plasmid curing and the loss of grip â€“ The 65-kb replicon of Phaeobacter inhibens DSM 17395 is required for biofilm formation, motility and the colonization of marine algae. Systematic and Applied Microbiology, 2015, 38, 120-127.	1.2	55
47	Planctomycetes do possess a peptidoglycan cell wall. Nature Communications, 2015, 6, 7116.	5.8	149
48	The bacterial â€˜mitochondriumâ€™. Molecular Microbiology, 2014, 94, 751-755.	1.2	19
49	Biosynthesis of magnetic nanostructures in a foreign organism by transfer of bacterial magnetosome gene clusters. Nature Nanotechnology, 2014, 9, 193-197.	15.6	198
50	Comparative genomic analysis of magnetotactic bacteria from the <scp>D</scp>eltaproteobacteria provides new insights into magnetite and greigite magnetosome genes required for magnetotaxis. Environmental Microbiology, 2013, 15, 2712-2735.	1.8	99
51	From genome mining to phenotypic microarrays: Planctomycetes as source for novel bioactive molecules. Antonie Van Leeuwenhoek, 2013, 104, 551-567.	0.7	99
52	Toward the Development of Genetic Tools for Planctomycetes. , 2013, , 141-164.		24
53	Identification of Proteins Likely To Be Involved in Morphogenesis, Cell Division, and Signal Transduction in Planctomycetes by Comparative Genomics. Journal of Bacteriology, 2012, 194, 6419-6430.	1.0	110
54	Singleâ€cell analysis reveals a novel uncultivated magnetotactic bacterium within the candidate division OP3. Environmental Microbiology, 2012, 14, 1709-1721.	1.8	121

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55	Conservation of proteobacterial magnetosome genes and structures in an uncultivated member of the deep-branchingNitrospiraphylum. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1134-1139.	3.3	115
56	Frequent Mutations within the Genomic Magnetosome Island of Magnetospirillum gryphiswaldense Are Mediated by RecA. Journal of Bacteriology, 2011, 193, 5328-5334.	1.0	31
57	Metagenomic Analysis Reveals Unexpected Subgenomic Diversity of Magnetotactic Bacteria within the Phylum Nitrospirae. Applied and Environmental Microbiology, 2011, 77, 323-326.	1.4	42
58	Characterization of Planctomyces limnophilus and Development of Genetic Tools for Its Manipulation Establish It as a Model Species for the Phylum Planctomycetes. Applied and Environmental Microbiology, 2011, 77, 5826-5829.	1.4	78
59	Cultivationâ€independent characterization of â€˜Candidatus Magnetobacterium bavaricumâ€™ via ultrastructural, geochemical, ecological and metagenomic methods. Environmental Microbiology, 2010, 12, 2466-2478.	1.8	69
60	Diversity analysis of magnetotactic bacteria in Lake Miyun, northern China, by restriction fragment length polymorphism. Systematic and Applied Microbiology, 2009, 32, 342-350.	1.2	58
61	Comparative analysis of magnetosome gene clusters in magnetotactic bacteria provides further evidence for horizontal gene transfer. Environmental Microbiology, 2009, 11, 1267-1277.	1.8	96
62	Genomics, Genetics, and Cell Biology of Magnetosome Formation. Annual Review of Microbiology, 2009, 63, 501-521.	2.9	185
63	Toward Cloning of the Magnetotactic Metagenome: Identification of Magnetosome Island Gene Clusters in Uncultivated Magnetotactic Bacteria from Different Aquatic Sediments. Applied and Environmental Microbiology, 2009, 75, 3972-3979.	1.4	96
64	Replication Properties of Human Adenovirus In Vivo and in Cultures of Primary Cells from Different Animal Species. Journal of Virology, 2006, 80, 3549-3558.	1.5	114
65	Genetic Analysis of Magnetosome Biomineralization. , 2006, , 133-161.		22
66	Effects of the Ad5 upstream E1 region and gene products on heterologous promoters. Journal of Gene Medicine, 2005, 7, 1356-1366.	1.4	14
67	Comparison of HSV-1 thymidine kinase-dependent and -independent inhibition of replication-competent adenoviral vectors by a panel of drugs. Cancer Gene Therapy, 2003, 10, 791-802.	2.2	30