

Sandra Wiegand

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,841
citations

304368

22
h-index

301761

39
g-index

51
all docs

51
docs citations

51
times ranked

1460
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Mucisphaera calidilacus</i> gen. nov., sp. nov., a novel planctomycete of the class Phycisphaerae isolated in the shallow sea hydrothermal system of the Lipari Islands. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 407.	0.7	8
2	<i>Salsipaludibacter albus</i> gen. nov., sp. nov., a novel actinobacterial strain isolate from a Portuguese solar saltern and proposal of <i>Salsipaludibacteraceae</i> fam. nov. and <i>Salsipaludibacterales</i> ord. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	11
3	How clear is our current view on microbial dark matter? (Re-)assessing public MAG & SAG datasets with MDMcleaner. <i>Nucleic Acids Research</i> , 2022, 50, e76-e76.	6.5	19
4	<i>Bremerella alba</i> sp. nov., a novel planctomycete isolated from the surface of the macroalga <i>Fucus spiralis</i> . <i>Systematic and Applied Microbiology</i> , 2021, 44, 126189.	1.2	14
5	Printing Microbial Dark Matter: Using Single Cell Dispensing and Genomics to Investigate the Patescibacteria/Candidate Phyla Radiation. <i>Frontiers in Microbiology</i> , 2021, 12, 635506.	1.5	14
6	Analysis of Bacterial Communities on North Sea Macroalgae and Characterization of the Isolated Planctomycetes <i>Adhaeretur mobilis</i> gen. nov., sp. nov., <i>Roseimaritima multifibrata</i> sp. nov., <i>Rosistilla ulvae</i> sp. nov. and <i>Rubripirellula lacrimiformis</i> sp. nov.. <i>Microorganisms</i> , 2021, 9, 1494.	1.6	34
7	Analysis of bacterial communities in a municipal duck pond during a phytoplankton bloom and isolation of <i>Anatilimnocola aggregata</i> gen. nov., sp. nov., <i>Lacipirellula limnantheis</i> sp. nov. and <i>Urbifossiella limnaea</i> gen. nov., sp. nov. belonging to the phylum Planctomycetes. <i>Environmental Microbiology</i> , 2021, 23, 1379-1396.	1.8	35
8	Three marine strains constitute the novel genus and species <i>Crateriforma conspicua</i> in the phylum Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1797-1809.	0.7	35
9	<i>Blastopirellula retiformator</i> sp. nov. isolated from the shallow-sea hydrothermal vent system close to Panarea Island. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1811-1822.	0.7	29
10	Description of the novel planctomycetal genus <i>Bremerella</i> , containing <i>Bremerella volcania</i> sp. nov., isolated from an active volcanic site, and reclassification of <i>Blastopirellula cremea</i> as <i>Bremerella cremea</i> comb. nov.. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1823-1837.	0.7	36
11	Description of three bacterial strains belonging to the new genus <i>Novipirellula</i> gen. nov., reclassification of <i>Rhodopirellula rosea</i> and <i>Rhodopirellula caenicola</i> and readjustment of the genus threshold of the phylogenetic marker <i>rpoB</i> for Planctomycetaceae. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1779-1795.	0.7	56
12	<i>Rhodopirellula heiligendammensis</i> sp. nov., <i>Rhodopirellula pilleata</i> sp. nov., and <i>Rhodopirellula solitaria</i> sp. nov. isolated from natural or artificial marine surfaces in Northern Germany and California, USA, and emended description of the genus <i>Rhodopirellula</i> . <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1737-1750.	0.7	35
13	<i>Alienimonas californiensis</i> gen. nov. sp. nov., a novel Planctomycete isolated from the kelp forest in Monterey Bay. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1751-1766.	0.7	40
14	Three novel <i>Rubripirellula</i> species isolated from plastic particles submerged in the Baltic Sea and the estuary of the river Warnow in northern Germany. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1767-1778.	0.7	41
15	<i>Rubinisphaera italica</i> sp. nov. isolated from a hydrothermal area in the Tyrrhenian Sea close to the volcanic island Panarea. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1727-1736.	0.7	38
16	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. <i>Nature Microbiology</i> , 2020, 5, 126-140.	5.9	164
17	<i>Caulifigura coniformis</i> gen. nov., sp. nov., a novel member of the family Planctomycetaceae isolated from a red biofilm sampled in a hydrothermal area. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1927-1937.	0.7	15
18	<i>Rosistilla oblonga</i> gen. nov., sp. nov. and <i>Rosistilla carotiformis</i> sp. nov., isolated from biotic or abiotic surfaces in Northern Germany, Mallorca, Spain and California, USA. <i>Antonie Van Leeuwenhoek</i> , 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 <i>Aeoliella</i> , <i>Botrimarina</i> , <i>Pirellulimonas</i> and <i>Pseudobythopirellula</i> and the novel species <i>Bythopirellula polymerisocia</i> and <i>Posidoniimonas corsicana</i> . <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1979-1997.	0.7	47
20	<i>Stieleriacines</i> , N-Acyl Dehydrotyrosines From the Marine Planctomycete <i>Stieleria neptunia</i> sp. nov.. <i>Frontiers in Microbiology</i> , 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 <i>Symmachiella dynata</i> gen. nov., sp. nov. and <i>Symmachiella macrocystis</i> sp. nov.. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1965-1977.	0.7	20
22	<i>Stieleria varia</i> sp. nov., isolated from wood particles in the Baltic Sea, constitutes a novel species in the family Pirellulaceae within the phylum Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1953-1963.	0.7	14
23	Cultivation-Independent Analysis of the Bacterial Community Associated With the Calcareous Sponge <i>Clathrina clathrus</i> and Isolation of <i>Poriferisphaera corsica</i> Gen. Nov., Sp. Nov., Belonging to the Barely Studied Class Phycisphaerae in the Phylum Planctomycetes. <i>Frontiers in Microbiology</i> , 2020, 11, 602250.	1.5	23
24	Additions to the genus <i>Gimesia</i> : description of <i>Gimesia alba</i> sp. nov., <i>Gimesia algae</i> sp. nov., <i>Gimesia aquarii</i> sp. nov., <i>Gimesia aquatilis</i> sp. nov., <i>Gimesia fumaroli</i> sp. nov. and <i>Gimesia panarensis</i> sp. nov., isolated from aquatic habitats of the Northern Hemisphere. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1999-2018.	0.7	41
25	<i>Calycomorphotria hydatis</i> gen. nov., sp. nov., a novel species in the family Planctomycetaceae with conspicuous subcellular structures. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1877-1887.	0.7	17
26	<i>Tautonia plasticadhaerens</i> sp. nov., a novel species in the family Isosphaeraceae isolated from an alga in a hydrothermal area of the Eolian Archipelago. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1889-1900.	0.7	19
27	The planctomycete <i>Stieleria maiorica</i> Mal15T employs stieleriacines to alter the species composition in marine biofilms. <i>Communications Biology</i> , 2020, 3, 303.	2.0	33
28	<i>Thalassoglobus polymorphus</i> sp. nov., a novel Planctomycete isolated close to a public beach of Mallorca Island. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1915-1926.	0.7	15
29	<i>Maioricimonas rarisocia</i> gen. nov., sp. nov., a novel planctomycete isolated from marine sediments close to Mallorca Island. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1901-1913.	0.7	17
30	The Microbiome of <i>Posidonia oceanica</i> Seagrass Leaves Can Be Dominated by Planctomycetes. <i>Frontiers in Microbiology</i> , 2020, 11, 1458.	1.5	40
31	Non-essentiality of canonical cell division genes in the planctomycete <i>Planctopirus limnophila</i> . <i>Scientific Reports</i> , 2020, 10, 66.	1.6	26
32	<i>Aureliella helgolandensis</i> gen. nov., sp. nov., a novel Planctomycete isolated from a jellyfish at the shore of the island Helgoland. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1839-1849.	0.7	19
33	Description of <i>Polystyrenella longa</i> gen. nov., sp. nov., isolated from polystyrene particles incubated in the Baltic Sea. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1851-1862.	0.7	14
34	<i>Lignipirellula cremea</i> gen. nov., sp. nov., a planctomycete isolated from wood particles in a brackish river estuary. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1863-1875.	0.7	15
35	<i>Alienimonas chondri</i> sp. nov., a novel planctomycete isolated from the biofilm of the red alga <i>Chondrus crispus</i> . <i>Systematic and Applied Microbiology</i> , 2020, 43, 126083.	1.2	17
36	Pink and orange pigmented Planctomycetes produce saxoroxanthin-type carotenoids including a rare C ₄₅ carotenoid. <i>Environmental Microbiology Reports</i> , 2019, 11, 741-748.	1.0	28

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37	Commentary: Manifold Routes to a Nucleus. <i>Frontiers in Microbiology</i> , 2019, 10, 1198.	1.5	4
38	Unravelling the Identity, Metabolic Potential and Global Biogeography of the Atmospheric Methane-oxidizing Upland Soil Cluster Î±. <i>Environmental Microbiology</i> , 2018, 20, 1016-1029.	1.8	103
39	Reevaluation of the Complete Genome Sequence of <i>Magnetospirillum gryphiswaldense</i> MSR-1 with Single-Molecule Real-Time Sequencing Data. <i>Genome Announcements</i> , 2018, 6, .	0.8	15
40	On the maverick Planctomycetes. <i>FEMS Microbiology Reviews</i> , 2018, 42, 739-760.	3.9	210
41	Three Novel Species with Peptidoglycan Cell Walls form the New Genus <i>Lacunisphaera</i> gen. nov. in the Family Opitutaceae of the Verrucomicrobial Subdivision 4. <i>Frontiers in Microbiology</i> , 2017, 8, 202.	1.5	75
42	Comparing and Evaluating Metagenome Assembly Tools from a Microbiologist's Perspective - Not Only Size Matters!. <i>PLoS ONE</i> , 2017, 12, e0169662.	1.1	186
43	<i>Fuerstia marisgermanicae</i> gen. nov., sp. nov., an Unusual Member of the Phylum Planctomycetes from the German Wadden Sea. <i>Frontiers in Microbiology</i> , 2016, 7, 2079.	1.5	49
44	TraV: A Genome Context Sensitive Transcriptome Browser. <i>PLoS ONE</i> , 2014, 9, e93677.	1.1	22
45	RNA-Seq of <i>Bacillus licheniformis</i> : active regulatory RNA features expressed within a productive fermentation. <i>BMC Genomics</i> , 2013, 14, 667.	1.2	40
46	Complete Genome Sequence of <i>Geobacillus</i> sp. Strain GHH01, a Thermophilic Lipase-Secreting Bacterium. <i>Genome Announcements</i> , 2013, 1, e0009213.	0.8	20