

Christian Boedeker

List of Publications by Year in descending order

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37
papers

1,547
citations

304743

22
h-index

330143

37
g-index

39
all docs

39
docs citations

39
times ranked

918
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.	1.7	8
2	<i>Dinoroseobacter shibae</i> Outer Membrane Vesicles Are Enriched for the Chromosome Dimer Resolution Site <i><i>dif</i></i> . <i>MSystems</i> , 2021, 6, .	3.8	7
3	Analysis of Bacterial Communities on North Sea Macroalgae and Characterization of the Isolated Planctomycetes <i>Adhaeritor 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.	3.6	34
4	Analysis of bacterial communities in a municipal duck pond during a phytoplankton bloom and isolation of <i><i>Anatilimnocola aggregata</i></i> gen. nov., sp. nov., <i><i>Lacipirellula limnantheis</i></i> sp. nov. and <i><i>Urbifossiella limnaea</i></i> gen. nov., sp. nov. belonging to the phylum <i><i>Planctomycetes</i></i> . <i>Environmental Microbiology</i> , 2021, 23, 1379-1396.	3.8	35
5	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.	1.7	35
6	<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.	1.7	29
7	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 crema</i> as <i>Bremerella crema</i> comb. nov.. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1823-1837.	1.7	36
8	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.	1.7	56
9	<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.	1.7	35
10	<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.	1.7	40
11	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.	1.7	41
12	<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.	1.7	38
13	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. <i>Nature Microbiology</i> , 2020, 5, 126-140.	13.3	164
14	<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.	1.7	15
15	<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.	1.7	20
16	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.	1.7	47
17	Stieleriactines, N-Acyl Dehydrotyrosines From the Marine Planctomycete <i>Stieleria neptunia</i> sp. nov.. <i>Frontiers in Microbiology</i> , 2020, 11, 1408.	3.5	25
18	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.	1.7	20

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19	<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.	1.7	14
20	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.	3.5	23
21	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.	1.7	41
22	<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.	1.7	17
23	<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.	1.7	19
24	The planctomycete <i>Stieleria maiorica</i> Mal15T employs stieleriocines to alter the species composition in marine biofilms. <i>Communications Biology</i> , 2020, 3, 303.	4.4	33
25	<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.	1.7	15
26	<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.	1.7	17
27	The Microbiome of <i>Posidonia oceanica</i> Seagrass Leaves Can Be Dominated by Planctomycetes. <i>Frontiers in Microbiology</i> , 2020, 11, 1458.	3.5	40
28	<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.	1.7	19
29	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.	1.7	14
30	<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.	1.7	15
31	Day and Night: Metabolic Profiles and Evolutionary Relationships of Six Axenic Non-Marine Cyanobacteria. <i>Genome Biology and Evolution</i> , 2019, 11, 270-294.	2.5	35
32	<i>Roseisolibacter agri</i> gen. nov., sp. nov., a novel slow-growing member of the under-represented phylum Gemmatimonadetes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1028-1036.	1.7	38
33	Determining the bacterial cell biology of Planctomycetes. <i>Nature Communications</i> , 2017, 8, 14853.	12.8	175
34	Three Novel Species with Peptidoglycan Cell Walls form the New Genus <i>Lacunisphaera</i> gen. nov. in the Family Opiritaceae of the Verrucomicrobial Subdivision 4. <i>Frontiers in Microbiology</i> , 2017, 8, 202.	3.5	75
35	<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.	3.5	49
36	Plasmid curing and the loss of grip " The 65-kb replicon of <i>Phaeobacter inhibens</i> DSM 17395 is required for biofilm formation, motility and the colonization of marine algae. <i>Systematic and Applied Microbiology</i> , 2015, 38, 120-127.	2.8	55

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37	Planctomycetes do possess a peptidoglycan cell wall. <i>Nature Communications</i> , 2015, 6, 7116.	12.8	149