Christian Boedeker

List of Publications by Year
in descending order

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	Determining the bacterial cell biology of Planctomycetes. Nature Communications, 2017, 8, 14853.	12.8	175
2	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. Nature Microbiology, 2020, 5, 126-140.	13.3	164
3	Planctomycetes do possess a peptidoglycan cell wall. Nature Communications, 2015, 6, 7116.	12.8	149
4	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.	3.5	75
5	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.	1.7	56
6	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.	2.8	55
7	Fuerstia marisgermanicae gen. nov., sp. nov., an Unusual Member of the Phylum Planctomycetes from the German Wadden Sea. Frontiers in Microbiology, 2016, 7, 2079.	3.5	49
8	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.	1.7	47
9	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.	1.7	41
10	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.	1.7	41
11	Alienimonas californiensis gen. nov. sp. nov., a novel Planctomycete isolated from the kelp forest in Monterey Bay. Antonie Van Leeuwenhoek, 2020, 113, 1751-1766.	1.7	40
12	The Microbiome of Posidonia oceanica Seagrass Leaves Can Be Dominated by Planctomycetes. Frontiers in Microbiology, 2020, 11, 1458.	3.5	40
13	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.	1.7	38
14	Roseisolibacter agri gen. nov., sp. nov., a novel slow-growing member of the under-represented phylum Gemmatimonadetes. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1028-1036.	1.7	38
15	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.	1.7	36
16	Day and Night: Metabolic Profiles and Evolutionary Relationships of Six Axenic Non-Marine Cyanobacteria. Genome Biology and Evolution, 2019, 11, 270-294.	2.5	35
17	Three marine strains constitute the novel genus and species Crateriforma conspicua in the phylum Planctomycetes. Antonie Van Leeuwenhoek, 2020, 113, 1797-1809.	1.7	35
18	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.	1.7	35

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19	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.	3.8	35
20	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.	3.6	34
21	The planctomycete Stieleria maiorica Mal15T employs stieleriacines to alter the species composition in marine biofilms. Communications Biology, 2020, 3, 303.	4.4	33
22	Blastopirellula retiformator sp. nov. isolated from the shallow-sea hydrothermal vent system close to Panarea Island. Antonie Van Leeuwenhoek, 2020, 113, 1811-1822.	1.7	29
23	Stieleriacines, N-Acyl Dehydrotyrosines From the Marine Planctomycete Stieleria neptunia sp. nov.. Frontiers in Microbiology, 2020, 11, 1408.	3.5	25
24	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.	3.5	23
25	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.	1.7	20
26	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.	1.7	20
27	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.	1.7	19
28	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.	1.7	19
29	Calycomorphotria hydatis gen. nov., sp. nov., a novel species in the family Planctomycetaceae with conspicuous subcellular structures. Antonie Van Leeuwenhoek, 2020, 113, 1877-1887.	1.7	17
30	Maioricimonas rarisocia gen. nov., sp. nov., a novel planctomycete isolated from marine sediments close to Mallorca Island. Antonie Van Leeuwenhoek, 2020, 113, 1901-1913.	1.7	17
31	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.	1.7	15
32	Thalassoglobus polymorphus sp. nov., a novel Planctomycete isolated close to a public beach of Mallorca Island. Antonie Van Leeuwenhoek, 2020, 113, 1915-1926.	1.7	15
33	Lignipirellula cremea gen. nov., sp. nov., a planctomycete isolated from wood particles in a brackish river estuary. Antonie Van Leeuwenhoek, 2020, 113, 1863-1875.	1.7	15
34	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.	1.7	14
35	Description of Polystyrenella longa gen. nov., sp. nov., isolated from polystyrene particles incubated in the Baltic Sea. Antonie Van Leeuwenhoek, 2020, 113, 1851-1862.	1.7	14
36	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.	1.7	8

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37	Dinoroseobacter shibae Outer Membrane Vesicles Are Enriched for the Chromosome Dimer Resolution Site dif. MSystems, 2021, 6, .	3.8	7