

Olga Maria Lage

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,084
citations

218381

26
h-index

253896

43
g-index

68
all docs

68
docs citations

68
times ranked

1991
citing authors

#	ARTICLE	IF	CITATIONS
1	Planctomycetes and macroalgae, a striking association. <i>Frontiers in Microbiology</i> , 2014, 5, 267.	1.5	192
2	Cultivation and functional characterization of 79 planctomycetes uncovers their unique biology. <i>Nature Microbiology</i> , 2020, 5, 126-140.	5.9	164
3	Planctomycetes diversity associated with macroalgae. <i>FEMS Microbiology Ecology</i> , 2011, 78, 366-375.	1.3	125
4	Planctomycetes as Novel Source of Bioactive Molecules. <i>Frontiers in Microbiology</i> , 2016, 7, 1241.	1.5	91
5	Community composition of the <i>Planctomycetes</i> associated with different macroalgae. <i>FEMS Microbiology Ecology</i> , 2014, 88, 445-456.	1.3	84
6	Antimicrobial Activity of Heterotrophic Bacterial Communities from the Marine Sponge <i>Erylus discophorus</i> (Astrophorida, Geodiidae). <i>PLoS ONE</i> , 2013, 8, e78992.	1.1	83
7	<i>Roseimaritima ulvae</i> gen. nov., sp. nov. and <i>Rubripirellula obstinata</i> gen. nov., sp. nov. two novel planctomycetes isolated from the epiphytic community of macroalgae. <i>Systematic and Applied Microbiology</i> , 2015, 38, 8-15.	1.2	73
8	Current Screening Methodologies in Drug Discovery for Selected Human Diseases. <i>Marine Drugs</i> , 2018, 16, 279.	2.2	73
9	Epiphytic <i>Planctomycetes</i> communities associated with three main groups of macroalgae. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw255.	1.3	71
10	<i>Aquisphaera giovannonii</i> gen. nov., sp. nov., a planctomycete isolated from a freshwater aquarium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2844-2850.	0.8	68
11	<i>rpoB</i> gene as a novel molecular marker to infer phylogeny in Planctomycetales. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 477-488.	0.7	54
12	<i>Rhodopirellula lusitana</i> sp. nov. and <i>Rhodopirellula rubra</i> sp. nov., isolated from the surface of macroalgae. <i>Systematic and Applied Microbiology</i> , 2014, 37, 157-164.	1.2	53
13	The antimicrobial activity of heterotrophic bacteria isolated from the marine sponge <i>Erylus deficiens</i> (Astrophorida, Geodiidae). <i>Frontiers in Microbiology</i> , 2015, 6, 389.	1.5	53
14	Flow cytometric analysis of chronic and acute toxicity of copper(II) on the marine dinoflagellate <i>Amphidinium carterae</i> . <i>Cytometry</i> , 2001, 44, 226-235.	1.8	51
15	Bringing Planctomycetes into pure culture. <i>Frontiers in Microbiology</i> , 2012, 3, 405.	1.5	51
16	Planctomycetes attached to algal surfaces: Insight into their genomes. <i>Genomics</i> , 2018, 110, 231-238.	1.3	39
17	Antibiotic susceptibility of marine Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1273-1280.	0.7	39
18	Electrochemical Evidence of Surfactant Activity of the HEPES pH Buffer Which May Have Implications on Trace Metal Availability to Cultures <i>In Vitro</i> . <i>Analytical Biochemistry</i> , 1996, 241, 248-253.	1.1	37

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19	Bioactivities and Extract Dereplication of Actinomycetales Isolated From Marine Sponges. <i>Frontiers in Microbiology</i> , 2019, 10, 727.	1.5	36
20	Some effects of copper on the dinoflagellates <i>Amphidinium carterae</i> and <i>Prorocentrum micans</i> in batch culture. <i>European Journal of Phycology</i> , 1994, 29, 253-260.	0.9	35
21	Isolation and characterization of Planctomycetes from the sediments of a fish farm wastewater treatment tank. <i>Archives of Microbiology</i> , 2012, 194, 879-885.	1.0	34
22	From Ocean to Medicine: Pharmaceutical Applications of Metabolites from Marine Bacteria. <i>Antibiotics</i> , 2020, 9, 455.	1.5	34
23	<i>Mariniblastus fucicola</i> gen. nov., sp. nov. a novel planctomycete associated with macroalgae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 1571-1576.	0.8	32
24	Toxicity effects of copper (II) on the marine dinoflagellate <i>Amphidinium carterae</i> : Influence of metal speciation. <i>European Journal of Phycology</i> , 1996, 31, 341-348.	0.9	31
25	Insights into the ultrastructural morphology of novel Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 467-476.	0.7	29
26	POTENTIAL TOLERANCE MECHANISMS OF PROROCENTRUM MICANS (DINOPHYCEAE) TO SUBLETHAL LEVELS OF COPPER. <i>Journal of Phycology</i> , 1996, 32, 416-423.	1.0	28
27	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
28	Anticancer Activity in Planctomycetes. <i>Frontiers in Marine Science</i> , 2019, 5, .	1.2	28
29	Determination of zeta potential in Planctomycetes and its application in heavy metals toxicity assessment. <i>Archives of Microbiology</i> , 2012, 194, 847-855.	1.0	24
30	The Planctomycetia: an overview of the currently largest class within the phylum Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2022, 115, 169-201.	0.7	24
31	Epiphytic fungal community in <i>Vitis vinifera</i> of the Portuguese wine regions. <i>Letters in Applied Microbiology</i> , 2018, 66, 93-102.	1.0	21
32	Assessment of water quality in Aguieira reservoir: Ecotoxicological tools in addition to the Water Framework Directive. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111583.	2.9	21
33	Adequacy of planctomycetes as supplementary food source for <i>Daphnia magna</i> . <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 825-840.	0.7	20
34	<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
35	Suitability of the pH buffers 3-[N-N-bis(hydroxyethyl)amino]-2-hydroxypropanesulfonic acid and N-2-hydroxyethylpiperazine-N-2-ethanesulfonic acid for in vitro copper toxicity studies. <i>Archives of Environmental Contamination and Toxicology</i> , 1996, 31, 199-205.	2.1	16
36	Chemoecological Screening Reveals High Bioactivity in Diverse Culturable Portuguese Marine Cyanobacteria. <i>Marine Drugs</i> , 2013, 11, 1316-1335.	2.2	16

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37	Diketopiperazines and other bioactive compounds from bacterial symbionts of marine sponges. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 875-887.	0.7	16
38	Assessment of <i>Rhodopirellula rubra</i> as a supplementary and nutritional food source to the microcrustacean <i>Daphnia magna</i> . <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1231-1243.	0.7	14
39	<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
40	Ecotoxicological evaluation of fungicides used in viticulture in non-target organisms. <i>Environmental Science and Pollution Research</i> , 2020, 27, 43958-43969.	2.7	13
41	Novel and Conventional Isolation Techniques to Obtain Planctomycetes from Marine Environments. <i>Microorganisms</i> , 2021, 9, 2078.	1.6	12
42	Characterization of a planctomycete associated with the marine dinoflagellate <i>Prorocentrum micans</i> Her. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 499-508.	0.7	11
43	Planctomycetes as a Vital Constituent of the Microbial Communities Inhabiting Different Layers of the Meromictic Lake Sjølen (Norway). <i>Microorganisms</i> , 2020, 8, 1150.	1.6	11
44	<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
45	Planctomycetes. , 2019, , 614-614.		10
46	Assessment of planctomycetes cell viability after pollutants exposure. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 399-411.	0.7	9
47	Influence of zwitterionic pH buffers on the bioavailability and toxicity of copper to the alga <i>Amphidinium carterae</i> . <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2542-2550.	2.2	8
48	High ultraviolet C resistance of marine Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 585-595.	0.7	8
49	Marine bacterial activity against phytopathogenic <i>Pseudomonas</i> show high efficiency of Planctomycetes extracts. <i>European Journal of Plant Pathology</i> , 2022, 162, 843-854.	0.8	8
50	Isolation, diversity and antimicrobial activity of planctomycetes from the Tejo river estuary (Portugal). <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	8
51	Electrophoretic analysis of polypeptides of <i>Prorocentrum micans</i> Ehrenberg exposed to toxic levels of copper. <i>Review of Palaeobotany and Palynology</i> , 1994, 84, 107-112.	0.8	7
52	<i>Rubinisphaera margarita</i> sp. nov., a novel planctomycete isolated from marine sediments collected in the Portuguese north coast. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	7
53	Feasibility of planctomycetes as a nutritional or supplementary food source for <i>Daphnia</i> spp. <i>Annales De Limnologie</i> , 2016, 52, 317-325.	0.6	6
54	Bacterioplankton Community as a Biological Element for Reservoirs Water Quality Assessment. <i>Water (Switzerland)</i> , 2021, 13, 2836.	1.2	6

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55	Incidence and serotype characterisation of <i>Streptococcus agalactiae</i> in a Portuguese hospital. <i>Journal of Clinical Pathology</i> , 2018, 71, 508-513.	1.0	5
56	Culturable bacteria from two Portuguese salterns: diversity and bioactive potential. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 459-475.	0.7	5
57	Bringing the diversity of Planctomycetes into the light: Introduction to papers from the special issue on novel taxa of Planctomycetes. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 1715-1726.	0.7	4
58	INFLUENCE OF ZWITTERIONIC pH BUFFERS ON THE BIOAVAILABILITY AND TOXICITY OF COPPER TO THE ALGA <i>AMPHIDINIUM CARTERAE</i> . <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2542.	2.2	4
59	Introduction to papers from the third meeting on the Planctomycetes-Verrucomicrobia-Chlamydiae bacteria: new model organisms in the omics era. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 783-784.	0.7	2
60	Linking microbial community on grapes from two Portuguese wine regions to the biogenic amines production in musts. <i>BIO Web of Conferences</i> , 2017, 9, 02015.	0.1	1
61	New applications of planctomycetes: feeding and colouring of <i>Daphnia</i> . <i>Journal of Aquaculture & Marine Biology</i> , 2018, 7, .	0.2	1
62	Suitability of the pH Buffers 3-[N-N-bis (hydroxyethyl)amino]-2-hydroxypropanesulfonic Acid and N -2-hydroxyethylpiperazine- N '-2-ethanesulfonic Acid for In Vitro Copper Toxicity Studies. <i>Archives of Environmental Contamination and Toxicology</i> , 1996, 31, 199-205.	2.1	1
63	Comparison of neutral lipid fatty acid composition in organisms from different trophic levels. <i>Archives of Microbiology</i> , 2021, 203, 3457-3465.	1.0	0