Maria G Pachiadaki

List of Publications by Year
in descending order

46 papers	2,603 citations	236925 25 h-index	214800 47 g-index
55 all docs	55 docs citations	55 times ranked	3953 citing authors

#	Article	IF	Citations
1	A genomic catalog of Earthâ€™s microbiomes. Nature Biotechnology, 2021, 39, 499-509.	17.5	457
2	Major role of nitrite-oxidizing bacteria in dark ocean carbon fixation. Science, 2017, 358, 1046-1051.	12.6	229
3	Improved genome recovery and integrated cell-size analyses of individual uncultured microbial cells and viral particles. Nature Communications, 2017, 8, 84.	12.8	169
4	Charting the Complexity of the Marine Microbiome through Single-Cell Genomics. Cell, 2019, 179, 1623-1635.e11.	28.9	158
5	Organic matter processing by microbial communities throughout the Atlantic water column as revealed by metaproteomics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E400-E408.	7.1	146
6	Biodiversity of Cold Seep Ecosystems Along the European Margins. Oceanography, 2009, 22, 110-127.	1.0	140
7	Depth shapes Î±â€•and Î²â€‘diversities of microbial eukaryotes in surficial sediments of coastal ecosystems. Environmental Microbiology, 2015, 17, 3722-3737.	3.8	98
8	Microbial eukaryote life in the new hypersaline deep-sea basin Thetis. Extremophiles, 2012, 16, 21-34.	2.3	82
9	Comparison of Niskin vs. in situ approaches for analysis of gene expression in deep Mediterranean Sea water samples. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 129, 213-222.	1.4	72
10	Diversity and Spatial Distribution of Prokaryotic Communities Along A Sediment Vertical Profile of A Deep-Sea Mud Volcano. Microbial Ecology, 2011, 62, 655-668.	2.8	69
11	Prokaryotic community structure and diversity in the sediments of an active submarine mud volcano (Kazan mud volcano, East Mediterranean Sea). FEMS Microbiology Ecology, 2010, 72, 429-444.	2.7	67
12	Changes of the bacterial assemblages throughout an urban drinking water distribution system. Environmental Monitoring and Assessment, 2010, 165, 27-38.	2.7	61
13	Impacts of deepâ€‘sea mining on microbial ecosystem services. Limnology and Oceanography, 2020, 65, 1489-1510.	3.1	60
14	Fungal and Prokaryotic Activities in the Marine Subsurface Biosphere at Peru Margin and Canterbury Basin Inferred from RNA-Based Analyses and Microscopy. Frontiers in Microbiology, 2016, 7, 846.	3.5	52
15	Freeâ€‘living chemoautotrophic and particleâ€‘attached heterotrophic prokaryotes dominate microbial assemblages along a pelagic redox gradient. Environmental Microbiology, 2018, 20, 693-712.	3.8	46
16	Unveiling microbial activities along the halocline of Thetis, a deep-sea hypersaline anoxic basin. ISME Journal, 2014, 8, 2478-2489.	9.8	42
17	In-depth analyses of deep subsurface sediments using 454-pyrosequencing reveals a reservoir of buried fungal communities at record-breaking depths. FEMS Microbiology Ecology, 2014, 90, 908-921.	2.7	40
18	Benthic protists and fungi of Mediterranean deep hypsersaline anoxic basin redoxcline sediments. Frontiers in Microbiology, 2014, 5, 605.	3.5	40

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19	Metazoans of redoxcline sediments in Mediterranean deep-sea hypersaline anoxic basins. BMC Biology, 2015, 13, 105.	3.8	38
20	Viral elements and their potential influence on microbial processes along the permanently stratified Cariaco Basin redoxcline. ISME Journal, 2020, 14, 3079-3092.	9.8	36
21	Size-fractionated diversity of eukaryotic microbial communities in the Eastern Tropical North Pacific oxygen minimum zone. FEMS Microbiology Ecology, 2015, 91, .	2.7	34
22	In situ grazing experiments apply new technology to gain insights into deep-sea microbial food webs. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 129, 223-231.	1.4	31
23	Gene expression profiling of microbial activities and interactions in sediments under haloclines of E. Mediterranean deep hypersaline anoxic basins. ISME Journal, 2016, 10, 2643-2657.	9.8	30
24	Ciliates along Oxyclines of Permanently Stratified Marine Water Columns. Journal of Eukaryotic Microbiology, 2014, 61, 434-445.	1.7	29
25	Protistan parasites along oxygen gradients in a seasonally anoxic fjord: A network approach to assessing potential host-parasite interactions. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 156, 97-110.	1.4	28
26	<scp>Metaâ€omics</scp> highlights the diversity, activity and adaptations of fungi in deep oceanic crust. Environmental Microbiology, 2020, 22, 3950-3967.	3.8	25
27	Protist Community Grazing on Prokaryotic Prey in Deep Ocean Water Masses. PLoS ONE, 2015, 10, e0124505.	2.5	23
28	Protistan grazing impacts microbial communities and carbon cycling at deep-sea hydrothermal vents. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	21
29	Combined Culture-Based and Culture-Independent Approaches Provide Insights into Diversity of Jakobids, an Extremely Plesiomorphic Eukaryotic Lineage. Frontiers in Microbiology, 2015, 6, 1288.	3.5	20
30	Fixation filter, device for the rapid in situ preservation of particulate samples. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 96, 69-79.	1.4	19
31	Protistan grazing in a meromictic freshwater lake with anoxic bottom water. FEMS Microbiology Ecology, 2014, 87, 691-703.	2.7	18
32	A Review of Protist Grazing Below the Photic Zone Emphasizing Studies of Oxygen-Depleted Water Columns and Recent Applications of In situ Approaches. Frontiers in Marine Science, 2017, 4, .	2.5	18
33	Living at the Limits: Evidence for Microbial Eukaryotes Thriving under Pressure in Deep Anoxic, Hypersaline Habitats. Advances in Ecology, 2014, 2014, 1-9.	0.5	17
34	Sampling and Processing Methods Impact Microbial Community Structure and Potential Activity in a Seasonally Anoxic Fjord: Saanich Inlet, British Columbia. Frontiers in Marine Science, 2019, 6, .	2.5	16
35	Diverse nitrogen cycling pathways across a marine oxygen gradient indicate nitrogen loss coupled to chemoautotrophic activity. Environmental Microbiology, 2021, 23, 2747-2764.	3.8	15
36	Interconnectivity vs. isolation of prokaryotic communities in European deep-sea mud volcanoes. Biogeosciences, 2013, 10, 2821-2831.	3.3	14

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37	Temporal shifts in dominant sulfur-oxidizing chemoautotrophic populations across the Cariaco Basin's redoxcline. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 156, 80-96.	1.4	14
38	Single Cell Genomics-Based Analysis of Gene Content and Expression of Prophages in a Diffuse-Flow Deep-Sea Hydrothermal System. Frontiers in Microbiology, 2019, 10, 1262.	3.5	14
39	Inter-comparison of the potentially active prokaryotic communities in the halocline sediments of Mediterranean deep-sea hypersaline basins. Extremophiles, 2015, 19, 949-960.	2.3	13
40	New findings on the true-branched monotypic genus Iphinoe (Cyanobacteria) from geographically isolated caves (Greece).. Fottea, 2013, 13, 15-23.	0.9	13
41	Parasitic infections by Group <scp>II</scp> Syndiniales target selected dinoflagellate host populations within diverse protist assemblages in a model coastal pond. Environmental Microbiology, 2022, 24, 1818-1834.	3.8	13
42	Changes of bacterioplankton apparent species richness in two ornamental fish aquaria. SpringerPlus, 2013, 2, 66.	1.2	11
43	Eukaryotic Parasites Are Integral to a Productive Microbial Food Web in Oxygen-Depleted Waters. Frontiers in Microbiology, 2021, 12, 764605.	3.5	11
44	Low Bacterial Diversity and High Labile Organic Matter Concentrations in the Sediments of the Medee Deep-Sea Hypersaline Anoxic Basin. Microbes and Environments, 2012, 27, 504-508.	1.6	10
45	Hiding in Plain Sight: The Globally Distributed Bacterial Candidate Phylum PAUC34f. Frontiers in Microbiology, 2020, 11, 376.	3.5	5
46	Anomalous Î´¹³C in Particulate Organic Carbon at the Chemoautotrophy Maximum in the Cariaco Basin. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005276.	3.0	4