Vivian H Pellizari

List of Publications by Year
in descending order

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80 papers	3,210 citations	201674 27 h-index	161849 54 g-index
92 all docs	92 docs citations	92 times ranked	4701 citing authors

#	Article	IF	Citations
1	Abundance and microbial diversity from surface to deep water layers over the Rio Grande Rise, South Atlantic. Progress in Oceanography, 2022, 201, 102736.	3.2	3
2	Taxonomic and functional diversity from Antarctic ice-tephra microbial community: ecological insights and potential for bioprospection. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20210621.	0.8	0
3	Spatial patterns of microbial diversity in Fe-Mn deposits and associated sediments in the Atlantic and Pacific oceans. Science of the Total Environment, 2022, , 155792.	8.0	3
4	Microbial perspective on the giant carbonate ridge Alpha Crucis (Southwestern Atlantic upper slope). FEMS Microbiology Ecology, 2021, 97, .	2.7	2
5	Microbial Diversity of Deep-Sea Ferromanganese Crust Field in the Rio Grande Rise, Southwestern Atlantic Ocean. Microbial Ecology, 2021, 82, 344-355.	2.8	27
6	Methanotrophic Community Detected by DNA-SIP at Bertiogaâ€™s Mangrove Area, Southeast Brazil. Microbial Ecology, 2021, 81, 954-964.	2.8	9
7	New phylotypes of foraminifera in subtropical Brazilian coastal waters revealed by environmental DNA metabarcoding. Journal of Sedimentary Environments, 2021, 6, 13-23.	1.5	4
8	Climate Projections for the Southern Ocean Reveal Impacts in the Marine Microbial Communities Following Increases in Sea Surface Temperature. Frontiers in Marine Science, 2021, 8, .	2.5	15
9	Metabolic potential and survival strategies of microbial communities across extreme temperature gradients on Deception Island volcano, Antarctica. Environmental Microbiology, 2021, 23, 4054-4073.	3.8	7
10	Deep-sea plastisphere: Long-term colonization by plastic-associated bacterial and archaeal communities in the Southwest Atlantic Ocean. Science of the Total Environment, 2021, 793, 148335.	8.0	33
11	Metagenome-Assembled Genomes from Monte Cristo Cave (Diamantina, Brazil) Reveal Prokaryotic Lineages As Functional Models for Life on Mars. Astrobiology, 2021, , .	3.0	4
12	Bathyarchaeia occurrence in rich methane sediments from a Brazilian rÃa. Estuarine, Coastal and Shelf Science, 2021, 263, 107631.	2.1	16
13	Bacterial diversity in deep-sea sediments under influence of asphalt seep at the SÃ£o Paulo Plateau. Antonie Van Leeuwenhoek, 2020, 113, 707-717.	1.7	17
14	Deep-Sea Microbes in the Southwestern Atlantic. Brazilian Marine Biodiversity, 2020, , 133-151.	0.4	0
15	Multidisciplinary Scientific Cruise to the Rio Grande Rise. Frontiers in Marine Science, 2019, 6, .	2.5	17
16	Deep-sea mining on the Rio Grande Rise (Southwestern Atlantic): A review on environmental baseline, ecosystem services and potential impacts. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 145, 31-58.	1.4	50
17	Quellenin, a new anti-Saprolegnia compound isolated from the deep-sea fungus, Aspergillus sp. YK-76. Journal of Antibiotics, 2018, 71, 741-744.	2.0	15
18	Spatiotemporal dynamics of marine bacterial and archaeal communities in surface waters off the northern Antarctic Peninsula. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 149, 150-160.	1.4	23

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19	Changes of bacterial communities in the rhizosphere of sugarcane under elevated concentration of atmospheric <scp>CO</scp>₂. GCB Bioenergy, 2018, 10, 137-145.	5.6	21
20	A Mosaic of Geothermal and Marine Features Shapes Microbial Community Structure on Deception Island Volcano, Antarctica. Frontiers in Microbiology, 2018, 9, 899.	3.5	30
21	Discovery and biogeochemistry of asphalt seeps in the North SÃ£o Paulo Plateau, Brazilian Margin. Scientific Reports, 2018, 8, 12619.	3.3	10
22	Surviving in hot and cold: psychrophiles and thermophiles from Deception Island volcano, Antarctica. Extremophiles, 2018, 22, 917-929.	2.3	33
23	Discovery of asphalt seeps in the deep Southwest Atlantic off Brazil. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 35-44.	1.4	32
24	Cladomarine, a new anti-saprolegniasis compound isolated from the deep-sea fungus, Penicillium coralligerum YK-247. Journal of Antibiotics, 2017, 70, 911-914.	2.0	26
25	Dominance of Epsilonproteobacteria associated with a whale fall at a 4204 m depth â€“ South Atlantic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 53-58.	1.4	11
26	Fungal diversity in deep-sea sediments associated with asphalt seeps at the Sao Paulo Plateau. Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 59-67.	1.4	57
27	Editorial: Rich geo- and bio-diversities exist in the South West Atlantic deep-sea: The first human-occupied submersible Shinkai 6500 dive cruise (IatÃ¡-piÃºna). Deep-Sea Research Part II: Topical Studies in Oceanography, 2017, 146, 1-3.	1.4	5
28	The Partitioning of Carbon Biomass among the Pico- and Nano-plankton Community in the South Brazilian Bight during a Strong Summer Intrusion of South Atlantic Central Water. Frontiers in Marine Science, 2017, 4, .	2.5	21
29	High Prevalence of Gammaproteobacteria in the Sediments of Admiralty Bay and North Bransfield Basin, Northwestern Antarctic Peninsula. Frontiers in Microbiology, 2017, 08, 153.	3.5	40
30	Isolation of Uncultured Bacteria from Antarctica Using Long Incubation Periods and Low Nutritional Media. Frontiers in Microbiology, 2017, 8, 1346.	3.5	68
31	Aerobiology Over Antarctica â€“ A New Initiative for Atmospheric Ecology. Frontiers in Microbiology, 2016, 7, 16.	3.5	65
32	Cultureâ€independent characterization of novel psychrophilic magnetotactic cocci from Antarctic marine sediments. Environmental Microbiology, 2016, 18, 4426-4441.	3.8	35
33	Biostimulation of metal-resistant microbial consortium to remove zinc from contaminated environments. Science of the Total Environment, 2016, 550, 670-675.	8.0	22
34	A novel cold-adapted and glucose-tolerant GH1 Î²-glucosidase from Exiguobacterium antarcticum B7. International Journal of Biological Macromolecules, 2016, 82, 375-380.	7.5	55
35	Pico and nanoplankton abundance and carbon stocks along the Brazilian Bight. PeerJ, 2016, 4, e2587.	2.0	26
36	<scp>UV</scp> â€resistant yeasts isolated from a highâ€altitude volcanic area on the Atacama Desert as eukaryotic models for astrobiology. MicrobiologyOpen, 2015, 4, 574-588.	3.0	53

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37	Living Foraminifera in a Brazilian Subtropical Coastal Environment (Flamengo Inlet, Ubatuba, SÃ£o) Tj ETQq1 1 0.784314 rgBT /Overlo	0.2	2
38	Draft Genome Sequence of Haloferax sp. Strain ATB1, Isolated from a Semi-Arid Region in the Brazilian Caatinga. Genome Announcements, 2014, 2, .	0.8	6
39	Omics profiles used to evaluate the gene expression of Exiguobacterium antarcticum B7 during cold adaptation. BMC Genomics, 2014, 15, 986.	2.8	21
40	Isolation and biological activities of an endophytic Mortierella alpina strain from the Antarctic moss Schistidium antarctici. Extremophiles, 2014, 18, 15-23.	2.3	107
41	Isolation and characterization of cellulolytic bacteria from the Stain house Lake, Antarctica. Folia Microbiologica, 2014, 59, 303-306.	2.3	8
42	Effect of plankton-derived organic matter on the microbial community of coastal marine sediments. Journal of Experimental Marine Biology and Ecology, 2014, 461, 257-266.	1.5	19
43	Land use change alters functional gene diversity, composition and abundance in Amazon forest soil microbial communities. Molecular Ecology, 2014, 23, 2988-2999.	3.9	152
44	Penicillium solitum: a mesophilic, psychrotolerant fungus present in marine sediments from Antarctica. Polar Biology, 2013, 36, 1823-1831.	1.2	37
45	Environmental Processes, Biodiversity and Changes in Admiralty Bay, King George Island, Antarctica. From Pole To Pole, 2013, , 127-156.	0.1	7
46	Environmental Assessment of Admiralty Bay, King George Island, Antarctica. From Pole To Pole, 2013, , 157-175.	0.1	6
47	Complete Genome of a Methanosarcina mazei Strain Isolated from Sediment Samples from an Amazonian Flooded Area. Genome Announcements, 2013, 1, .	0.8	8
48	Conversion of the Amazon rainforest to agriculture results in biotic homogenization of soil bacterial communities. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 988-993.	7.1	481
49	Genome Sequence of Exiguobacterium antarcticum B7, Isolated from a Biofilm in Ginger Lake, King George Island, Antarctica. Journal of Bacteriology, 2012, 194, 6689-6690.	2.2	60
50	Brazilian research on extremophiles in the context of astrobiology. International Journal of Astrobiology, 2012, 11, 325-333.	1.6	15
51	Functional diversity of bacterial genes associated with aromatic hydrocarbon degradation in anthropogenic dark earth of Amazonia. Pesquisa Agropecuaria Brasileira, 2012, 47, 654-664.	0.9	21
52	Rumen microbial diversity under influence of a polyclonal antibody preparation against lactate-producing and proteolytic bacteria in cows fed different energy sources. Revista Brasileira De Saude E Producao Animal, 2012, 13, 491-502.	0.3	3
53	Screening of Microorganisms Producing Cold-Active Oxidoreductases to Be Applied in Enantioselective Alcohol Oxidation. An Antarctic Survey. Marine Drugs, 2011, 9, 889-905.	4.6	17
54	Revealing archaeal diversity patterns and methane fluxes in Admiralty Bay, King George Island, and their association to Brazilian Antarctic Station activities. Deep-Sea Research Part II: Topical Studies in Oceanography, 2011, 58, 128-138.	1.4	12

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55	Occurrence of Methanogenic Archaea in Highly Polluted Sediments of Tropical Santosâ€“SÃ£o Vicente Estuary (SÃ£o Paulo, Brazil). Current Microbiology, 2010, 60, 66-70.	2.2	9
56	Newcastle disease virus in penguins from King George Island on the Antarctic region. Veterinary Microbiology, 2010, 146, 155-160.	1.9	63
57	Bacterial diversity in rhizosphere soil from Antarctic vascular plants of Admiralty Bay, maritime Antarctica. ISME Journal, 2010, 4, 989-1001.	9.8	295
58	Diversity of hydrocarbon-degradingKlebsiellastrains isolated from hydrocarbon-contaminated estuaries. Journal of Applied Microbiology, 2009, 106, 1304-1314.	3.1	44
59	Biogeography of two cold-adapted genera: Psychrobacter and Exiguobacterium. ISME Journal, 2009, 3, 658-665.	9.8	78
60	New alk genes detected in Antarctic marine sediments. Environmental Microbiology, 2009, 11, 669-673.	3.8	63
61	Occurrence, Distribution, and Nature of Hydrocarbon-Degrading Genes in Biodegradative Microorganisms from the Antarctic Environment. , 2009, , 339-355.		1
62	Occurrence and Diversity of Legionellaceae in Polar Lakes of the Antarctic Peninsula. Current Microbiology, 2008, 57, 294-300.	2.2	31
63	Detection of Legionella pneumophila in water and biofilm samples by culture and molecular methods from man-made systems in SÃ£o Paulo - Brazil. Brazilian Journal of Microbiology, 2007, 38, 743-751.	2.0	12
64	Biotransformations of Mannich bases and propiophenones by Brazilian microorganisms and enzymatic resolution of phenylpropanols by lipase from Candida antarctica (Novozym 435). Enzyme and Microbial Technology, 2007, 40, 362-369.	3.2	12
65	Biphenyl-utilizing bacteria and their functional genes in a pine root zone contaminated with polychlorinated biphenyls (PCBs). ISME Journal, 2007, 1, 134-148.	9.8	198
66	Phylogenetic Study of Legionella Species in Pristine and Polluted Aquatic Samples from a Tropical Atlantic Forest Ecosystem. Current Microbiology, 2007, 55, 288-293.	2.2	33
67	Potential for bioremediation of hydrocarbon polluted soils in the Maritime Antarctic. Antarctic Science, 2006, 18, 335-343.	0.9	15
68	Assessment of contamination by polychlorinated biphenyls and aliphatic and aromatic hydrocarbons in sediments of the Santos and SÃ£o Vicente Estuary System, SÃ£o Paulo, Brazil. Marine Pollution Bulletin, 2006, 52, 1804-1816.	5.0	133
69	Enantioselective reduction of ortho-substituted acetophenones by bacterial strains isolated from medium enriched with biphenyl or diesel fuel. Journal of Molecular Catalysis B: Enzymatic, 2005, 33, 73-79.	1.8	20
70	Sterols and fecal indicator microorganisms in sediments from Admiralty Bay, Antarctica. Brazilian Journal of Oceanography, 2005, 53, 1-12.	0.6	31
71	Discrimination of adenovirus types circulating in urban sewage and surface polluted waters in SÃ£o Paulo city, Brazil. Water Science and Technology: Water Supply, 2004, 4, 79-85.	2.1	8
72	A survey of indigenous microbial hydrocarbon degradation genes in soils from Antarctica and Brazil. Canadian Journal of Microbiology, 2004, 50, 323-333.	1.7	99

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73	Development of a static headspace gas chromatographic/mass spectrometric method to analyze the level of volatile contaminants biodegradation. Journal of Chromatography A, 2004, 1048, 67-71.	3.7	11
74	Prevalence of alkane monooxygenase genes in Arctic and Antarctic hydrocarbon-contaminated and pristine soils. FEMS Microbiology Ecology, 2002, 41, 141-150.	2.7	16
75	Prevalence of alkane monooxygenase genes in Arctic and Antarctic hydrocarbon-contaminated and pristine soils1. FEMS Microbiology Ecology, 2002, 41, 141-150.	2.7	123
76	Detection of Cryptosporidium spp. Oocysts in raw sewage and creek water in the city of SÃ£o Paulo, Brazil. Brazilian Journal of Microbiology, 2002, 33, 41-43.	2.0	27
77	Detection of Cryptosporidium sp. oocysts in groundwater for human consumption in Itaquaquecetuba city, S. Paulo-Brazil. Brazilian Journal of Microbiology, 2000, 31, 151-153.	2.0	17
78	Comparison of the presence-absence (P-A) test and conventional methods for detection of bacteriological water quality indicators. Water Research, 1991, 25, 1279-1283.	11.3	4
79	Coliphage association with coliform indicators: A case studyâ€"Brazil. Toxicity Assessment, 1989, 4, 329-338.	0.6	6
80	Occurrence and Diversity of Legionella pneumophila in Water Samples from the Brazilian Environment. , 0, , 414-416.		0