

Fernando Unrein

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,246
citations

218677

26
h-index

233421

45
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62
all docs

62
docs citations

62
times ranked

2423
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater protists: unveiling the unexplored in a large floodplain system. <i>Environmental Microbiology</i> , 2022, 24, 1731-1745.	3.8	9
2	Increases in Picocyanobacteria Abundance in Agriculturally Eutrophic Pampean Lakes Inferred from Historical Records of Secchi Depth and Chlorophyll-a. <i>Water (Switzerland)</i> , 2022, 14, 159.	2.7	0
3	Microbial assemblages associated with the invasive kelp <i>Undaria pinnatifida</i> in Patagonian coastal waters: Structure and alginolytic potential. <i>Science of the Total Environment</i> , 2022, 830, 154629.	8.0	5
4	Phytoplankton phagotrophy across nutrients and light gradients using different measurement techniques. <i>Journal of Plankton Research</i> , 2022, 44, 507-520.	1.8	4
5	The dynamics of picocyanobacteria from a hypereutrophic shallow lake is affected by light-climate and small-bodied zooplankton: a 10-year cytometric time-series analysis. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	4
6	Phylogenetic diversity and dominant ecological traits of freshwater Antarctic Chrysophyceae. <i>Polar Biology</i> , 2021, 44, 941-957.	1.2	3
7	Recurrent pattern of picophytoplankton dynamics in estuaries around the world: The case of R�o de la Plata. <i>Marine Environmental Research</i> , 2020, 161, 105136.	2.5	5
8	Picocyanobacteria aggregation as a response to predation pressure: direct contact is not necessary. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	7
9	Environmental heterogeneity determines the ecological processes that govern bacterial metacommunity assembly in a floodplain river system. <i>ISME Journal</i> , 2020, 14, 2951-2966.	9.8	104
10	Global distribution of Trebouxiophyceae diversity explored by high-throughput sequencing and phylogenetic approaches. <i>Environmental Microbiology</i> , 2019, 21, 3885-3895.	3.8	16
11	Turbidity matters: differential effect of a 2,4-D formulation on the structure of microbial communities from clear and turbid freshwater systems. <i>Heliyon</i> , 2019, 5, e02221.	3.2	8
12	flowDiv: a new pipeline for analyzing flow cytometric diversity. <i>BMC Bioinformatics</i> , 2019, 20, 274.	2.6	9
13	Diversity of photosynthetic picoeukaryotes in eutrophic shallow lakes as assessed by combining flow cytometry cell-sorting and high throughput sequencing. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	9
14	Contrasted Micro-Eukaryotic Diversity Associated with Sphagnum Mosses in Tropical, Subtropical and Temperate Climatic Zones. <i>Microbial Ecology</i> , 2019, 78, 714-724.	2.8	11
15	Grazing impact and prey selectivity of picoplanktonic cells by mixotrophic flagellates in oligotrophic lakes. <i>Hydrobiologia</i> , 2019, 831, 5-21.	2.0	31
16	Primer Design for an Accurate View of Picocyanobacterial Community Structure by Using High-Throughput Sequencing. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	9
17	Growth and cytometric diversity of bacterial assemblages under different top-down control regimes by using a size-fractionation approach. <i>Journal of Plankton Research</i> , 2018, 40, 129-141.	1.8	10
18	Phenotypic plasticity in freshwater picocyanobacteria. <i>Environmental Microbiology</i> , 2017, 19, 1120-1133.	3.8	31

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19	Interplay between stochastic and deterministic processes in the maintenance of alternative community states in Verrucomicrobia-dominated shallow lakes. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	12
20	Bacterioplankton morphotypes structure and cytometric fingerprint rely on environmental conditions in a sub-Antarctic peatland. <i>Hydrobiologia</i> , 2017, 787, 255-268.	2.0	13
21	CDOM and the underwater light climate in two shallow North Patagonian lakes: evaluating the effects on nano and microphytoplankton community structure. <i>Aquatic Sciences</i> , 2017, 79, 231-248.	1.5	28
22	Coupling Between Heterotrophic Nanoflagellates and Bacteria in Fresh Waters: Does Latitude Make a Difference?. <i>Frontiers in Microbiology</i> , 2016, 7, 114.	3.5	15
23	Influence of lake trophic conditions on the dominant mixotrophic algal assemblages. <i>Journal of Plankton Research</i> , 2016, 38, 818-829.	1.8	41
24	Distribution patterns of the abundance of major bacterial and archaeal groups in Patagonian lakes. <i>Journal of Plankton Research</i> , 2016, 38, 64-82.	1.8	28
25	Marine bacterial community structure resilience to changes in protist predation under phytoplankton bloom conditions. <i>ISME Journal</i> , 2016, 10, 568-581.	9.8	65
26	Presence, abundance and bacterivory of the mixotrophic algae <i>Pseudopedinella</i> (Dictyochophyceae) in freshwater environments. <i>Aquatic Microbial Ecology</i> , 2016, 76, 219-232.	1.8	18
27	Responses of phytoplankton and related microbial communities to changes in the limnological conditions of shallow lakes: a short-term cross-transplant experiment. <i>Hydrobiologia</i> , 2015, 752, 139-153.	2.0	8
28	Microbial abundance patterns along a transparency gradient suggest a weak coupling between heterotrophic bacteria and flagellates in eutrophic shallow Pampean lakes. <i>Hydrobiologia</i> , 2015, 752, 103-123.	2.0	19
29	Microbial pelagic metabolism and CDOM characterization in a phytoplankton-dominated versus a macrophyte-dominated shallow lake. <i>Hydrobiologia</i> , 2015, 752, 203-221.	2.0	23
30	Photosynthetic picoplankton in Argentina lakes. <i>Advances in Limnology</i> , 2014, 65, 343-357.	0.4	14
31	Mixotrophic haptophytes are key bacterial grazers in oligotrophic coastal waters. <i>ISME Journal</i> , 2014, 8, 164-176.	9.8	227
32	The plankton communities from peat bog pools: structure, temporal variation and environmental factors. <i>Journal of Plankton Research</i> , 2013, 35, 1234-1253.	1.8	22
33	In situ prey selection of mixotrophic and heterotrophic flagellates in Antarctic oligotrophic lakes: an analysis of the digestive vacuole content. <i>Journal of Plankton Research</i> , 2013, 35, 201-212.	1.8	26
34	The microbial food web structure of a hypertrophic warm-temperate shallow lake, as affected by contrasting zooplankton assemblages. <i>Hydrobiologia</i> , 2013, 714, 115-130.	2.0	38
35	Picoplankton abundance and cytometric group diversity along a trophic and latitudinal lake gradient. <i>Aquatic Microbial Ecology</i> , 2013, 68, 231-250.	1.8	54
36	Environmental Dynamics as a Structuring Factor for Microbial Carbon Utilization in a Subtropical Coastal Lagoon. <i>Frontiers in Microbiology</i> , 2013, 4, 14.	3.5	12

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37	Responses of a Maritime Antarctic lake to a catastrophic draining event under a climate change scenario. <i>Polar Biology</i> , 2012, 35, 231-239.	1.2	6
38	Grazing rates of protists in wetlands under contrasting light conditions due to floating plants. <i>Aquatic Microbial Ecology</i> , 2012, 65, 221-232.	1.8	26
39	Bacterial community structure in a latitudinal gradient of lakes: the roles of spatial versus environmental factors. <i>Freshwater Biology</i> , 2011, 56, 1973-1991.	2.4	58
40	Water level as the main driver of the alternation between a free-floating plant and a phytoplankton dominated state: a long-term study in a floodplain lake. <i>Aquatic Sciences</i> , 2011, 73, 275-287.	1.5	85
41	Protist Herbivory: a Key Pathway in the Pelagic Food Web of Lake Tanganyika. <i>Microbial Ecology</i> , 2011, 62, 314-323.	2.8	31
42	Phytoplankton response to pH rise in a N-limited floodplain lake: relevance of N ₂ -fixing heterocystous cyanobacteria. <i>Aquatic Sciences</i> , 2010, 72, 179-190.	1.5	39
43	Dinobryon faculiferum (Chrysophyta) in coastal Mediterranean seawater: presence and grazing impact on bacteria. <i>Journal of Plankton Research</i> , 2010, 32, 559-564.	1.8	24
44	Macrophyte influence on the structure and productivity of photosynthetic picoplankton in wetlands. <i>Journal of Plankton Research</i> , 2010, 32, 221-238.	1.8	21
45	The effects of light availability in shallow, turbid waters: a mesocosm study. <i>Journal of Plankton Research</i> , 2009, 31, 1517-1529.	1.8	26
46	Photosynthetic picoplankton in Lake Tanganyika: biomass distribution patterns with depth, season and basin. <i>Journal of Plankton Research</i> , 2009, 31, 1531-1544.	1.8	30
47	Comparative analysis of bacterioplankton assemblages from maritime Antarctic freshwater lakes with contrasting trophic status. <i>Polar Biology</i> , 2009, 32, 923-936.	1.2	19
48	Grazing rates and functional diversity of uncultured heterotrophic flagellates. <i>ISME Journal</i> , 2009, 3, 588-596.	9.8	141
49	Determining the availability of phosphate and glucose for bacteria in P-limited mesocosms of NW Mediterranean surface waters. <i>Aquatic Microbial Ecology</i> , 2009, 56, 81-91.	1.8	21
50	Factors Controlling the Year-Round Variability in Carbon Flux Through Bacteria in a Coastal Marine System. <i>Ecosystems</i> , 2008, 11, 397-409.	3.4	121
51	Metabolic diversity of heterotrophic bacterioplankton over winter and spring in the coastal Arctic Ocean. <i>Environmental Microbiology</i> , 2008, 10, 942-949.	3.8	68
52	Abundance and distribution of picoplankton in tropical, oligotrophic Lake Kivu, eastern Africa. <i>Freshwater Biology</i> , 2008, 53, 756-771.	2.4	88
53	Significant year-round effect of small mixotrophic flagellates on bacterioplankton in an oligotrophic coastal system. <i>Limnology and Oceanography</i> , 2007, 52, 456-469.	3.1	226
54	Fate of heterotrophic bacteria in Lake Tanganyika (East Africa). <i>FEMS Microbiology Ecology</i> , 2007, 62, 354-364.	2.7	26

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55	Nanoplankton assemblages in maritime Antarctic lakes: characterisation and molecular fingerprinting comparison. <i>Aquatic Microbial Ecology</i> , 2005, 40, 269-282.	1.8	33
56	Algal Assemblages Across a Wetland, from a Shallow Lake to Relictual Oxbow Lakes (Lower Paraná) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	48
57	Do steady state assemblages occur in shallow lentic environments from wetlands?. <i>Hydrobiologia</i> , 2003, 502, 197-209.	2.0	34
58	Title is missing!. <i>Hydrobiologia</i> , 2002, 468, 123-134.	2.0	34
59	Typology of lentic water bodies at Potter Peninsula (King George Island, Antarctica) based on physical-chemical characteristics and phytoplankton communities. <i>Polar Biology</i> , 2000, 23, 858-870.	1.2	40
60	Phytoplankton structure and dynamics in a turbid Antarctic lake (Potter Peninsula, King George) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	1.2	18
61	Nutrient dynamics in the deltaic floodplain of the Lower Paraná River. <i>Archiv FÃ¼r Hydrobiologie</i> , 1994, 131, 277-295.	1.1	45