Fernando Unrein

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6507207/publications.pdf

Version: 2024-02-01

61 papers	2,246 citations	218677 26 h-index	233421 45 g-index
62 all docs	62 docs citations	62 times ranked	2423 citing authors

#	Article	IF	Citations
1	Mixotrophic haptophytes are key bacterial grazers in oligotrophic coastal waters. ISME Journal, 2014, 8, 164-176.	9.8	227
2	Significant yearâ€round effect of small mixotrophic flagellates on bacterioplankton in an oligotrophic coastal system. Limnology and Oceanography, 2007, 52, 456-469.	3.1	226
3	Grazing rates and functional diversity of uncultured heterotrophic flagellates. ISME Journal, 2009, 3, 588-596.	9.8	141
4	Factors Controlling the Year-Round Variability in Carbon Flux Through Bacteria in a Coastal Marine System. Ecosystems, 2008, 11, 397-409.	3.4	121
5	Environmental heterogeneity determines the ecological processes that govern bacterial metacommunity assembly in a floodplain river system. ISME Journal, 2020, 14, 2951-2966.	9.8	104
6	Abundance and distribution of picoplankton in tropical, oligotrophic Lake Kivu, eastern Africa. Freshwater Biology, 2008, 53, 756-771.	2.4	88
7	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. Aquatic Sciences, 2011, 73, 275-287.	1.5	85
8	Metabolic diversity of heterotrophic bacterioplankton over winter and spring in the coastal Arctic Ocean. Environmental Microbiology, 2008, 10, 942-949.	3.8	68
9	Marine bacterial community structure resilience to changes in protist predation under phytoplankton bloom conditions. ISME Journal, 2016, 10, 568-581.	9.8	65
10	Bacterial community structure in a latitudinal gradient of lakes: the roles of spatial versus environmental factors. Freshwater Biology, 2011, 56, 1973-1991.	2.4	58
11	Picoplankton abundance and cytometric group diversity along a trophic and latitudinal lake gradient. Aquatic Microbial Ecology, 2013, 68, 231-250.	1.8	54
12	Algal Assemblages Across a Wetland, from a Shallow Lake to Relictual Oxbow Lakes (Lower ParanÃ¡) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.0	48
13	Nutrient dynamics in the deltaic floodplain of the Lower ParanÃ¡ River. Archiv FÃ¼r Hydrobiologie, 1994, 131, 277-295.	1.1	45
14	Influence of lake trophic conditions on the dominant mixotrophic algal assemblages. Journal of Plankton Research, 2016, 38, 818-829.	1.8	41
15	Typology of lentic water bodies at Potter Peninsula (King George Island, Antarctica) based on physical-chemical characteristics and phytoplankton communities. Polar Biology, 2000, 23, 858-870.	1.2	40
16	Phytoplankton response to pH rise in a N-limited floodplain lake: relevance of N2-fixing heterocystous cyanobacteria. Aquatic Sciences, 2010, 72, 179-190.	1.5	39
17	The microbial food web structure of a hypertrophic warm-temperate shallow lake, as affected by contrasting zooplankton assemblages. Hydrobiologia, 2013, 714, 115-130.	2.0	38
18	Title is missing!. Hydrobiologia, 2002, 468, 123-134.	2.0	34

#	Article	IF	Citations
19	Do steady state assemblages occur in shallow lentic environments from wetlands?. Hydrobiologia, 2003, 502, 197-209.	2.0	34
20	Nanoplankton assemblages in maritime Antarctic lakes: characterisation and molecular fingerprinting comparison. Aquatic Microbial Ecology, 2005, 40, 269-282.	1.8	33
21	Protist Herbivory: a Key Pathway in the Pelagic Food Web of Lake Tanganyika. Microbial Ecology, 2011, 62, 314-323.	2.8	31
22	Phenotypic plasticity in freshwater picocyanobacteria. Environmental Microbiology, 2017, 19, 1120-1133.	3.8	31
23	Grazing impact and prey selectivity of picoplanktonic cells by mixotrophic flagellates in oligotrophic lakes. Hydrobiologia, 2019, 831, 5-21.	2.0	31
24	Photosynthetic picoplankton in Lake Tanganyika: biomass distribution patterns with depth, season and basin. Journal of Plankton Research, 2009, 31, 1531-1544.	1.8	30
25	Distribution patterns of the abundance of major bacterial and archaeal groups in Patagonian lakes. Journal of Plankton Research, 2016, 38, 64-82.	1.8	28
26	CDOM and the underwater light climate in two shallow North Patagonian lakes: evaluating the effects on nano and microphytoplankton community structure. Aquatic Sciences, 2017, 79, 231-248.	1.5	28
27	Fate of heterotrophic bacteria in Lake Tanganyika (East Africa). FEMS Microbiology Ecology, 2007, 62, 354-364.	2.7	26
28	The effects of light availability in shallow, turbid waters: a mesocosm study. Journal of Plankton Research, 2009, 31, 1517-1529.	1.8	26
29	In situ prey selection of mixotrophic and heterotrophic flagellates in Antarctic oligotrophic lakes: an analysis of the digestive vacuole content. Journal of Plankton Research, 2013, 35, 201-212.	1.8	26
30	Grazing rates of protists in wetlands under contrasting light conditions due to floating plants. Aquatic Microbial Ecology, 2012, 65, 221-232.	1.8	26
31	Dinobryon faculiferum (Chrysophyta) in coastal Mediterranean seawater: presence and grazing impact on bacteria. Journal of Plankton Research, 2010, 32, 559-564.	1.8	24
32	Microbial pelagic metabolism and CDOM characterization in a phytoplankton-dominated versus a macrophyte-dominated shallow lake. Hydrobiologia, 2015, 752, 203-221.	2.0	23
33	The plankton communities from peat bog pools: structure, temporal variation and environmental factors. Journal of Plankton Research, 2013, 35, 1234-1253.	1.8	22
34	Macrophyte influence on the structure and productivity of photosynthetic picoplankton in wetlands. Journal of Plankton Research, 2010, 32, 221-238.	1.8	21
35	Determining the availability of phosphate and glucose for bacteria in P-limited mesocosms of NW Mediterranean surface waters. Aquatic Microbial Ecology, 2009, 56, 81-91.	1.8	21
36	Comparative analysis of bacterioplankton assemblages from maritime Antarctic freshwater lakes with contrasting trophic status. Polar Biology, 2009, 32, 923-936.	1.2	19

#	Article	IF	Citations
37	Microbial abundance patterns along a transparency gradient suggest a weak coupling between heterotrophic bacteria and flagellates in eutrophic shallow Pampean lakes. Hydrobiologia, 2015, 752, 103-123.	2.0	19
38	Phytoplankton structure and dynamics in a turbid Antarctic lake (Potter Peninsula, King George) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.2	18
39	Presence, abundance and bacterivory of the mixotrophic algae Pseudopedinella (Dictyochophyceae) in freshwater environments. Aquatic Microbial Ecology, 2016, 76, 219-232.	1.8	18
40	Global distribution of Trebouxiophyceae diversity explored by highâ€throughput sequencing and phylogenetic approaches. Environmental Microbiology, 2019, 21, 3885-3895.	3.8	16
41	Coupling Between Heterotrophic Nanoflagellates and Bacteria in Fresh Waters: Does Latitude Make a Difference?. Frontiers in Microbiology, 2016, 7, 114.	3.5	15
42	Photosynthetic picoplankton in Argentina lakes. Advances in Limnology, 2014, 65, 343-357.	0.4	14
43	Bacterioplankton morphotypes structure and cytometric fingerprint rely on environmental conditions in a sub-Antarctic peatland. Hydrobiologia, 2017, 787, 255-268.	2.0	13
44	Environmental Dynamics as a Structuring Factor for Microbial Carbon Utilization in a Subtropical Coastal Lagoon. Frontiers in Microbiology, 2013, 4, 14.	3.5	12
45	Interplay between stochastic and deterministic processes in the maintenance of alternative community states in Verrucomicrobia-dominated shallow lakes. FEMS Microbiology Ecology, 2017, 93, .	2.7	12
46	Contrasted Micro-Eukaryotic Diversity Associated with Sphagnum Mosses in Tropical, Subtropical and Temperate Climatic Zones. Microbial Ecology, 2019, 78, 714-724.	2.8	11
47	Growth and cytometric diversity of bacterial assemblages under different topâ€“down control regimes by using a size-fractionation approach. Journal of Plankton Research, 2018, 40, 129-141.	1.8	10
48	flowDiv: a new pipeline for analyzing flow cytometric diversity. BMC Bioinformatics, 2019, 20, 274.	2.6	9
49	Diversity of photosynthetic picoeukaryotes in eutrophic shallow lakes as assessed by combining flow cytometry cell-sorting and high throughput sequencing. FEMS Microbiology Ecology, 2019, 95, .	2.7	9
50	Primer Design for an Accurate View of Picocyanobacterial Community Structure by Using High-Throughput Sequencing. Applied and Environmental Microbiology, 2019, 85, .	3.1	9
51	Freshwater protists: unveiling the unexplored in a large floodplain system. Environmental Microbiology, 2022, 24, 1731-1745.	3.8	9
52	Responses of phytoplankton and related microbial communities to changes in the limnological conditions of shallow lakes: a short-term cross-transplant experiment. Hydrobiologia, 2015, 752, 139-153.	2.0	8
53	Turbidity matters: differential effect of a 2,4-D formulation on the structure of microbial communities from clear and turbid freshwater systems. Heliyon, 2019, 5, e02221.	3.2	8
54	Picocyanobacteria aggregation as a response to predation pressure: direct contact is not necessary. FEMS Microbiology Ecology, 2020, 96, .	2.7	7

#	Article	IF	Citations
55	Responses of a Maritime Antarctic lake to a catastrophic draining event under a climate change scenario. Polar Biology, 2012, 35, 231-239.	1.2	6
56	Recurrent pattern of picophytoplankton dynamics in estuaries around the world: The case of RÃo de la Plata. Marine Environmental Research, 2020, 161, 105136.	2.5	5
57	Microbial assemblages associated with the invasive kelp Undaria pinnatifida in Patagonian coastal waters: Structure and alginolytic potential. Science of the Total Environment, 2022, 830, 154629.	8.0	5
58	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. FEMS Microbiology Ecology, 2021, 97, .	2.7	4
59	Phytoplankton phagotrophy across nutrients and light gradients using different measurement techniques. Journal of Plankton Research, 2022, 44, 507-520.	1.8	4
60	Phylogenetic diversity and dominant ecological traits of freshwater Antarctic Chrysophyceae. Polar Biology, 2021, 44, 941-957.	1.2	3
61	Increases in Picocyanobacteria Abundance in Agriculturally Eutrophic Pampean Lakes Inferred from Historical Records of Secchi Depth and Chlorophyll-a. Water (Switzerland), 2022, 14, 159.	2.7	0