

Horacio Ernesto Zagarese

List of Publications by Year in descending order

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65
papers

3,524
citations

218677

26
h-index

138484

58
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65
all docs

65
docs citations

65
times ranked

3872
citing authors

#	ARTICLE	IF	CITATIONS
1	Lakes as sentinels of climate change. <i>Limnology and Oceanography</i> , 2009, 54, 2283-2297.	3.1	1,314
2	New evidences of Roundup® (glyphosate formulation) impact on the periphyton community and the water quality of freshwater ecosystems. <i>Ecotoxicology</i> , 2010, 19, 710-721.	2.4	170
3	The impact of short-term exposure to UV-B radiation on zooplankton communities in north temperate lakes. <i>Journal of Plankton Research</i> , 1994, 16, 205-218.	1.8	168
4	UV-B-induced damage and photoreactivation in three species of <i>Boeckella</i> (Copepoda, Calanoida). <i>Journal of Plankton Research</i> , 1997, 19, 357-367.	1.8	109
5	The implications of solar UV radiation exposure for fish and fisheries. <i>Fish and Fisheries</i> , 2001, 2, 250-260.	5.3	94
6	Occurrence and levels of glyphosate and AMPA in shallow lakes from the Pampean and Patagonian regions of Argentina. <i>Chemosphere</i> , 2018, 200, 513-522.	8.2	91
7	Surface avoidance by freshwater zooplankton: Field evidence on the role of ultraviolet radiation. <i>Limnology and Oceanography</i> , 2004, 49, 225-232.	3.1	90
8	UV Radiation as a Potential Driving Force for Zooplankton Community Structure in Patagonian Lakes. <i>Photochemistry and Photobiology</i> , 2006, 82, 962.	2.5	82
9	Phytoplankton and primary production in clear-vegetated, inorganic-turbid, and algal-turbid shallow lakes from the pampa plain (Argentina). <i>Hydrobiologia</i> , 2009, 624, 45-60.	2.0	80
10	Mycosporine-like amino acids in planktonic organisms living under different UV exposure conditions in Patagonian lakes. <i>Journal of Plankton Research</i> , 2004, 26, 753-762.	1.8	73
11	Constitutive and UV-inducible synthesis of photoprotective compounds (carotenoids and Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.9	67
12	Shallow lakes from the Central Plains of Argentina: an overview and worldwide comparative analysis of their basic limnological features. <i>Hydrobiologia</i> , 2015, 752, 5-20.	2.0	66
13	Calculation of spectral weighting functions for the solar photobleaching of chromophoric dissolved organic matter in temperate lakes. <i>Limnology and Oceanography</i> , 2001, 46, 1455-1467.	3.1	64
14	Annual patterns of phytoplankton density and primary production in a large, shallow lake: the central role of light. <i>Freshwater Biology</i> , 2009, 54, 437-449.	2.4	64
15	Solar Ultraviolet Radiation and Its Impact on Aquatic Systems of Patagonia, South America. <i>Ambio</i> , 2001, 30, 112-117.	5.5	60
16	Ultraviolet damage and counteracting mechanisms in the freshwater copepod <i>Boeckella poppei</i> from the Antarctic Peninsula. <i>Limnology and Oceanography</i> , 2002, 47, 829-836.	3.1	57
17	Optical characteristics of shallow lakes from the Pampa and Patagonia regions of Argentina. <i>Limnologica</i> , 2010, 40, 30-39.	1.5	55
18	Seasonal dynamics of a large, shallow lake, laguna Chascomús: The role of light limitation and other physical variables. <i>Limnologica</i> , 2007, 37, 100-108.	1.5	51

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19	UV damage in shallow lakes: the implications of water mixing. <i>Journal of Plankton Research</i> , 1998, 20, 1423-1433.	1.8	47
20	Assessing sublethal effects of ultraviolet radiation in juvenile rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 867.	2.9	42
21	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
22	Long-term exposure of <i>Boeckella gibbosa</i> (Copepoda, Calanoida) to in situ levels of solar UVB radiation. <i>Freshwater Biology</i> , 1997, 37, 99-106.	2.4	37
23	A field and laboratory study on factors affecting polymorphism in the rotifer <i>Keratella tropica</i> . <i>Oecologia</i> , 1991, 86, 372-377.	2.0	35
24	How Much Does Ultraviolet Radiation Contribute to the Feeding Performance of Rainbow Trout, <i>Oncorhynchus mykiss</i> , Juveniles under Natural Illumination?. <i>Environmental Biology of Fishes</i> , 2002, 63, 223-228.	1.0	34
25	Occurrence of Photoprotective Compounds in Yeasts from Freshwater Ecosystems of Northwestern Patagonia (Argentina). <i>Photochemistry and Photobiology</i> , 2006, 82, 972.	2.5	30
26	Biological Weighting Function for the Mortality of <i>Boeckella gracilipes</i> (Copepoda, Crustacea) Derived from Experiments with Natural Solar Radiation. <i>Photochemistry and Photobiology</i> , 2000, 72, 314.	2.5	28
27	Induction and inhibition of spine development in the rotifer <i>Keratella tropica</i> . <i>Freshwater Biology</i> , 1992, 28, 289-300.	2.4	27
28	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
29	Dual control of the levels of photoprotective compounds by ultraviolet radiation and temperature in the freshwater copepod <i>Boeckella antiqua</i> . <i>Journal of Plankton Research</i> , 2008, 30, 817-827.	1.8	25
30	Vertical Mixing and Ecological Effects of Ultraviolet Radiation in Planktonic Communities. <i>Photochemistry and Photobiology</i> , 2006, 82, 898.	2.5	24
31	Patterns of CO ₂ concentration and inorganic carbon limitation of phytoplankton biomass in agriculturally eutrophic lakes. <i>Water Research</i> , 2021, 190, 116715.	11.3	23
32	Seasonal Variability of Optical Properties in a Highly Turbid Lake (Laguna Chascomús, Argentina). <i>Photochemistry and Photobiology</i> , 2011, 87, 659-670.	2.5	20
33	Field evidence supports former experimental claims on the stimulatory effect of glyphosate on picocyanobacteria communities. <i>Science of the Total Environment</i> , 2020, 701, 134601.	8.0	20
34	Quality of UVR exposure for different biological systems along a latitudinal gradient. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1329-1345.	2.9	19
35	Predator-induced reaction patterns of landlocked <i>Galaxias maculatus</i> to visual and chemical cues. <i>Aquatic Ecology</i> , 2010, 44, 741-748.	1.5	19
36	Impact of solar UV radiation on zooplankton and fish. , 2000, , 279-309.		18

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37	Development of an empirical model for chlorophyll-a and Secchi Disk Depth estimation for a Pampean shallow lake (Argentina). <i>Egyptian Journal of Remote Sensing and Space Science</i> , 2018, 21, 183-191.	2.0	18
38	Replicated mesocosm study on the role of natural ultraviolet radiation in high CDOM, shallow lakes. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 118-123.	2.9	16
39	Alternative states drive the patterns in the bacterioplankton composition in shallow Pampean lakes (Argentina). <i>Environmental Microbiology Reports</i> , 2013, 5, 310-321.	2.4	16
40	Weather variables as drivers of seasonal phosphorus dynamics in a shallow hypertrophic lake (Laguna Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	15
41	Seasonal patterns and responses to an extreme climate event of rotifers community in a shallow eutrophic Pampean lake. <i>Hydrobiologia</i> , 2015, 752, 125-137.	2.0	15
42	Planktivory by larval <i>Odontesthes bonariensis</i> (Atherinidae: Pisces) and its effects on zooplankton community structure. <i>Journal of Plankton Research</i> , 1991, 13, 549-560.	1.8	14
43	Competition between crustacean zooplankton in continuous cultures. <i>Limnology and Oceanography</i> , 1995, 40, 33-45.	3.1	14
44	Mycosporines from freshwater yeasts: a trophic cul-de-sac?. <i>Photochemical and Photobiological Sciences</i> , 2006, 5, 25-30.	2.9	14
45	Mycosporine-like Amino Acids in Freshwater Copepods: Potential Sources and Some Factors That Affect Their Bioaccumulation. <i>Photochemistry and Photobiology</i> , 2010, 86, 353-359.	2.5	14
46	Patterns of dissolved organic matter across the Patagonian landscape: a broad-scale survey of Chilean and Argentine lakes. <i>Marine and Freshwater Research</i> , 2017, 68, 2355.	1.3	14
47	A large-scale geographical coverage survey reveals a pervasive impact of agricultural practices on plankton primary producers. <i>Agriculture, Ecosystems and Environment</i> , 2022, 325, 107740.	5.3	14
48	Diel patterns of total suspended solids, turbidity, and water transparency in a highly turbid, shallow lake (Laguna Chascomús, Argentina). <i>Hydrobiologia</i> , 2015, 752, 21-31.	2.0	12
49	Effect of land use on the phytoplankton community of Pampean shallow lakes of the Salado River basin (Buenos Aires Province, Argentina). <i>Aquatic Ecology</i> , 2021, 55, 417.	1.5	11
50	First steps towards the conservation of the microendemic Patagonian frog <i>Atelognathus nitoi</i> . <i>Oryx</i> , 1999, 33, 59.	1.0	9
51	Multichannel radiometer calibration: a new approach. <i>Applied Optics</i> , 2005, 44, 5374.	2.1	9
52	The relative contributions of diet and associated microbiota to the accumulation of UV-absorbing mycosporine-like amino acids in the freshwater copepod <i>Boeckella antiqua</i> . <i>Freshwater Biology</i> , 2012, 57, 993-1004.	2.4	9
53	Species-specific phenological trends in shallow Pampean lakes TM (Argentina) zooplankton driven by contemporary climate change in the Southern Hemisphere. <i>Global Change Biology</i> , 2018, 24, 5137-5148.	9.5	8
54	Contrasting patterns of MAAs accumulation in two populations of the copepod <i>Boeckella gracilipes</i> . <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 898.	2.9	6

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55	Rearing fry of South American catfish (<i>Rhamdia sapo</i>) on natural zooplankton populations. <i>Aquaculture</i> , 1988, 70, 323-331.	3.5	5
56	Effect of selective planktivory by fry of <i>Rhamdia sapo</i> (Pimelodidae: Pisces) on zooplankton community structure. <i>Freshwater Biology</i> , 1990, 24, 557-562.	2.4	5
57	Phytoplankton limitation in Patagonian and Pampean shallow lakes: effect of phosphorus and light. <i>Hydrobiologia</i> , 2018, 816, 91-105.	2.0	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. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	4
59	Preface: Shallow lakes from the Central Plains of Argentina. <i>Hydrobiologia</i> , 2015, 752, 1-3.	2.0	3
60	Rotifer dynamics in three shallow lakes from the Salado river watershed (Argentina): the potential modulating role of incident solar radiation. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 2007-2013.	2.9	3
61	Zooplankton hatching from dormant eggs in a large Pampean shallow lake. <i>Hydrobiologia</i> , 2020, 847, 2097-2111.	2.0	2
62	Growth of <i>Odontesthes bonariensis</i> (Atherinidae) larvae feeding on suboptimal zooplankton densities. <i>Environmental Biology of Fishes</i> , 1996, 45, 191-198.	1.0	1
63	Preface: Limnology of temperate South America. <i>Limnologica</i> , 2007, 37, 1-2.	1.5	1
64	Divergent dynamics of microbial components in two temperate shallow lakes with contrasting steady states in the Southern Hemisphere. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20191545.	0.8	0
65	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