

Giovanna Flaim

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,103
citations

201674

27
h-index

243625

44
g-index

63
all docs

63
docs citations

63
times ranked

2683
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature and the size of freshwater phytoplankton. <i>Hydrobiologia</i> , 2021, 848, 143-155.	2.0	62
2	Virtual Growing Pains: Initial Lessons Learned from Organizing Virtual Workshops, Summits, Conferences, and Networking Events during a Global Pandemic. <i>Limnology and Oceanography Bulletin</i> , 2021, 30, 1-11.	0.4	9
3	Widespread deoxygenation of temperate lakes. <i>Nature</i> , 2021, 594, 66-70.	27.8	267
4	A 40-year perspective of an alpine lake: Is everything the same?. <i>Limnologica</i> , 2021, 91, 125929.	1.5	2
5	Stratification strength and light climate explain variation in chlorophyll <i>a</i> at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021, 66, 4314-4333.	3.1	19
6	Do inferences about freshwater phytoplankton communities change when based on microscopy or high-throughput sequencing data?. <i>Freshwater Biology</i> , 2021, 66, 640-655.	2.4	4
7	Ice Cover and Extreme Events Determine Dissolved Oxygen in a Placid Mountain Lake. <i>Water Resources Research</i> , 2020, 56, e2020WR027321.	4.2	26
8	Tracking of algal cells: case study of swimming speed of cold-adapted dinoflagellates. <i>Hydrobiologia</i> , 2020, 847, 2203-2210.	2.0	1
9	Global CO ₂ emissions from dry inland waters share common drivers across ecosystems. <i>Nature Communications</i> , 2020, 11, 2126.	12.8	73
10	Increased winter drownings in ice-covered regions with warmer winters. <i>PLoS ONE</i> , 2020, 15, e0241222.	2.5	21
11	Consequences of lake and river ice loss on cultural ecosystem services. <i>Limnology and Oceanography Letters</i> , 2019, 4, 119-131.	3.9	81
12	Shift from nival to pluvial recharge of an aquifer-fed lake increases water temperature. <i>Inland Waters</i> , 2019, 9, 261-274.	2.2	7
13	Widespread diminishing anthropogenic effects on calcium in freshwaters. <i>Scientific Reports</i> , 2019, 9, 10450.	3.3	84
14	Multifaceted aspects of synchrony between freshwater prokaryotes and protists. <i>Molecular Ecology</i> , 2019, 28, 4500-4512.	3.9	6
15	Research questions to facilitate the future development of European long-term ecosystem research infrastructures: A horizon scanning exercise. <i>Journal of Environmental Management</i> , 2019, 250, 109479.	7.8	13
16	Saving water for the future: Public awareness of water usage and water quality. <i>Journal of Environmental Management</i> , 2019, 242, 246-257.	7.8	50
17	An affordable and reliable assessment of aquatic decomposition: Tailoring the Tea Bag Index to surface waters. <i>Water Research</i> , 2019, 151, 31-43.	11.3	37
18	The unique methodological challenges of winter limnology. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 42-57.	2.0	47

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19	LTSER platforms as a place-based transdisciplinary research infrastructure: learning landscape approach through evaluation. <i>Landscape Ecology</i> , 2019, 34, 1461-1484.	4.2	32
20	SIMULATED SOFC EXHAUSTS AND THEIR FIXATION ON CHLORELLA VULGARIS: STUDY ON AFFECTING PARAMETERS. <i>Detritus</i> , 2019, In Press, 1.	0.9	1
21	Plankton dynamics across the freshwater, transitional and marine research sites of the LTER-Italy Network. Patterns, fluctuations, drivers. <i>Science of the Total Environment</i> , 2018, 627, 373-387.	8.0	51
22	Temporal variability of bacterioplankton is habitat driven. <i>Molecular Ecology</i> , 2018, 27, 4322-4335.	3.9	11
23	Taxonomic and functional diversity of rotifers, what do they tell us about community assembly?. <i>Hydrobiologia</i> , 2018, 823, 79-91.	2.0	32
24	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018, 10, 156.	3.4	159
25	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018, 5, 180226.	5.3	30
26	Dissolved oxygen dynamics under ice: Three winters of high-frequency data from Lake Tovel, Italy. <i>Water Resources Research</i> , 2017, 53, 7234-7246.	4.2	37
27	Comparative Analysis of Membrane Lipids in Psychrophilic and Mesophilic Freshwater Dinoflagellates. <i>Frontiers in Plant Science</i> , 2016, 7, 524.	3.6	39
28	Automatic High Frequency Monitoring for Improved Lake and Reservoir Management. <i>Environmental Science & Technology</i> , 2016, 50, 10780-10794.	10.0	104
29	Effects of eutrophication and climate change on lake thermal structure. <i>Freshwater Biology</i> , 2016, 61, 1802-1814.	2.4	31
30	Phytoplankton functional response to spatial and temporal differences in a cold and oligotrophic lake. <i>Hydrobiologia</i> , 2016, 764, 199-209.	2.0	23
31	Community assembly of rotifers based on morphological traits. <i>Hydrobiologia</i> , 2015, 753, 31-45.	2.0	32
32	Temperature-induced changes in lipid biomarkers and mycosporine-like amino acids in the psychrophilic dinoflagellate <i>Pteridinium aciculiferum</i> . <i>Freshwater Biology</i> , 2014, 59, 985-997.	2.4	45
33	Cryptic diversity within the rotifer <i>Polyarthra dolichoptera</i> along an altitudinal gradient. <i>Freshwater Biology</i> , 2014, 59, 2413-2427.	2.4	43
34	Stable isotopes of lakes and precipitation along an altitudinal gradient in the Eastern Alps. <i>Biogeochemistry</i> , 2013, 116, 187-198.	3.5	11
35	Changes in galactolipid composition of the cold freshwater dinoflagellate <i>Borghiella dodgei</i> in response to temperature. <i>Hydrobiologia</i> , 2012, 698, 285-293.	2.0	21
36	Preface: phytoplankton responses to human impacts at different scales. <i>Hydrobiologia</i> , 2012, 698, 1-3.	2.0	6

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37	Using DNA taxonomy to investigate the ecological determinants of plankton diversity: explaining the occurrence of <i>Synchaeta</i> spp. (Rotifera, Monogononta) in mountain lakes. <i>Freshwater Biology</i> , 2012, 57, 1545-1553.	2.4	34
38	Changes in galactolipid composition of the cold freshwater dinoflagellate <i>Borghiella dodgei</i> in response to temperature. , 2012, , 285-293.		0
39	ADAPTATION OF A PSYCHROPHILIC FRESHWATER DINOFLAGELLATE TO ULTRAVIOLET RADIATION1. <i>Journal of Phycology</i> , 2011, 47, 811-820.	2.3	10
40	Planktothrix populations in subalpine lakes: selection for strains with strong gas vesicles as a function of lake depth, morphometry and circulation. <i>Freshwater Biology</i> , 2011, 56, 1481-1493.	2.4	36
41	Using the guild ratio to characterize pelagic rotifer communities. <i>Hydrobiologia</i> , 2011, 662, 157-162.	2.0	85
42	Rotifer-crustacean interactions in a pseudokarstic lake: influence of hydrology. <i>Aquatic Ecology</i> , 2010, 44, 121-130.	1.5	15
43	Eco-fingerprinting of the dinoflagellate <i>Borghiella dodgei</i> : experimental evidence of a specific environmental niche. <i>Hydrobiologia</i> , 2010, 639, 85-98.	2.0	18
44	Rotifer species richness along an altitudinal gradient in the Alps. <i>Global Ecology and Biogeography</i> , 2010, 19, 895-904.	5.8	23
45	Use of $\delta^{18}O$ in the interpretation of hydrological dynamics in lakes. <i>Journal of Limnology</i> , 2009, 68, 174.	1.1	15
46	A new method for the identification and the structural characterisation of carotenoid esters in freshwater microorganisms by liquid chromatography/electrospray ionisation tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3531-3539.	1.5	32
47	Multifactorial nature of rotifer water layer preferences in an oligotrophic lake. <i>Journal of Plankton Research</i> , 2008, 30, 633-643.	1.8	39
48	Habitat constraints of <i>Synchaeta</i> (Rotifera) in North Italian lakes (Trentino-South Tyrol). <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2008, 30, 302-306.	0.1	3
49	Dinoflagellates of the Trentino Province, Italy. <i>Journal of Limnology</i> , 2007, 66, 107.	1.1	76
50	Water residence time as a driving force of zooplankton structure and succession. <i>Aquatic Sciences</i> , 2007, 69, 575-583.	1.5	66
51	Studies on woloszynskioid dinoflagellates II: <i>OnTovellia sanguinea</i> sp. nov., the dinoflagellate responsible for the reddening of Lake Tovel, N. Italy. <i>European Journal of Phycology</i> , 2006, 41, 47-65.	2.0	40
52	The importance of hydraulic conditions in determining ecological equilibrium in Lake Tovel, Italy. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006, 29, 1327-1330.	0.1	1
53	High production of unexpected carotenoids in Dinophyceae. Astaxanthin esters from the freshwater dinoflagellate <i>Tovellia sanguinea</i> . <i>Biochemical Systematics and Ecology</i> , 2006, 34, 843-853.	1.3	18
54	Trophi morphology and its usefulness for identification of formalin-preserved species of <i>Synchaeta Ehrenberg, 1832</i> (Rotifera: Monogononta: Synchaetidae). <i>Zoologischer Anzeiger</i> , 2006, 245, 109-120.	0.9	21

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55	The influence of biotic and abiotic factors on the seasonality of meso-zooplankton in Lake Tovel (Trentino, Italy). Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 865-868.	0.1	0
56	Investigation of the dinoflagellate community of Lake Tovel by genetic analysis of environmental samples. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2005, 29, 478-481.	0.1	0
57	Reinterpretation of the dinoflagellate "Glenodinium sanguineum"™ in the reddening of Lake Tovel, Italian Alps. Phycologia, 2004, 43, 737-743.	1.4	13
58	Long-term trends in species composition and diurnal migration of dinoflagellates in Lake Tovel (Trentino, Italy). Hydrobiologia, 2003, 502, 357-366.	2.0	9
59	Long-term trends in species composition and diurnal migration of dinoflagellates in Lake Tovel (Trentino, Italy). , 2003, , 357-366.		2
60	Anthropogenically induced phytoplankton blooms in Lake Serraia, N. Italy. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2001, 27, 3370-3373.	0.1	1
61	Title is missing!. Water, Air, and Soil Pollution, 2001, 125, 189-200.	2.4	14
62	Treatment of post-harvest pesticide residues. Agriculture, Ecosystems and Environment, 1989, 27, 505-511.	5.3	2
63	A filtering unit for the removal of pesticide residues from aqueous solutions. Water Research, 1988, 22, 657-661.	11.3	13