

Orlane Anneville

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7696042/publications.pdf>

Version: 2024-02-01

41
papers

3,993
citations

218677

26
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

4259
citing authors

#	ARTICLE	IF	CITATIONS
1	Lake responses to reduced nutrient loading - an analysis of contemporary long-term data from 35 case studies. <i>Freshwater Biology</i> , 2005, 50, 1747-1771.	2.4	1,080
2	Rapid and highly variable warming of lake surface waters around the globe. <i>Geophysical Research Letters</i> , 2015, 42, 10,773.	4.0	767
3	Morphometry and average temperature affect lake stratification responses to climate change. <i>Geophysical Research Letters</i> , 2015, 42, 4981-4988.	4.0	282
4	The proliferation of the toxic cyanobacterium <i>Planktothrix rubescens</i> following restoration of the largest natural French lake (Lac du Bourget). <i>Harmful Algae</i> , 2005, 4, 651-672.	4.8	167
5	A global database of lake surface temperatures collected by in situ and satellite methods from 1985-2009. <i>Scientific Data</i> , 2015, 2, 150008.	5.3	153
6	Phosphorus decrease and climate variability: mediators of synchrony in phytoplankton changes among European peri-alpine lakes. <i>Freshwater Biology</i> , 2005, 50, 1731-1746.	2.4	152
7	Storm impacts on phytoplankton community dynamics in lakes. <i>Global Change Biology</i> , 2020, 26, 2756-2784.	9.5	144
8	Twenty years of spatially coherent deepwater warming in lakes across Europe related to the North Atlantic Oscillation. <i>Limnology and Oceanography</i> , 2006, 51, 2787-2793.	3.1	122
9	Temporal mapping of phytoplankton assemblages in Lake Geneva: Annual and interannual changes in their patterns of succession. <i>Limnology and Oceanography</i> , 2002, 47, 1355-1366.	3.1	102
10	Climate change drives widespread shifts in lake thermal habitat. <i>Nature Climate Change</i> , 2021, 11, 521-529.	18.8	87
11	Fishery changes during re-oligotrophication in 11 peri-alpine Swiss and French lakes over the past 30 years. <i>Acta Oecologica</i> , 2006, 30, 161-167.	1.1	69
12	Application of remote sensing for the optimization of in-situ sampling for monitoring of phytoplankton abundance in a large lake. <i>Science of the Total Environment</i> , 2015, 527-528, 493-506.	8.0	60
13	Trophic transfer of microcystins through the lake pelagic food web: Evidence for the role of zooplankton as a vector in fish contamination. <i>Science of the Total Environment</i> , 2014, 466-467, 152-163.	8.0	56
14	Deeper waters are changing less consistently than surface waters in a global analysis of 102 lakes. <i>Scientific Reports</i> , 2020, 10, 20514.	3.3	56
15	The Observatory on LAkes (OLA) database: Sixty years of environmental data accessible to the public. <i>Journal of Limnology</i> , 2020, 79, .	1.1	51
16	Long-term changes in the copepod community of Lake Geneva. <i>Journal of Plankton Research</i> , 2007, 29, i49-i59.	1.8	48
17	Occurrence and mass development of <i>Mougeotia</i> spp. (Zygnemataceae) in large, deep lakes. <i>Hydrobiologia</i> , 2015, 745, 17-29.	2.0	44
18	Cyanobacterial bloom termination: the disappearance of <i>Planktothrix rubescens</i> from Lake Bourget (France) after restoration. <i>Freshwater Biology</i> , 2014, 59, 2472-2487.	2.4	38

#	ARTICLE	IF	CITATIONS
19	A framework for ensemble modelling of climate change impacts on lakes worldwide: the ISIMIP Lake Sector. <i>Geoscientific Model Development</i> , 2022, 15, 4597-4623.	3.6	37
20	Phytoplankton productivity increased in Lake Geneva despite phosphorus loading reduction. <i>Journal of Plankton Research</i> , 2009, 31, 1179-1194.	1.8	33
21	The need for ecological monitoring of freshwaters in a changing world: a case study of Lakes Annecy, Bourget, and Geneva. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3455-3476.	2.7	33
22	Impacts of extreme air temperatures on cyanobacteria in five deep peri-Alpine lakes. <i>Journal of Limnology</i> , 2011, 70, 186.	1.1	32
23	Using 3D modeling and remote sensing capabilities for a better understanding of spatio-temporal heterogeneities of phytoplankton abundance in large lakes. <i>Journal of Great Lakes Research</i> , 2018, 44, 756-764.	1.9	31
24	Central European water quality indices applied to long-term data from peri-alpine lakes: test and possible improvements. <i>Hydrobiologia</i> , 2009, 633, 67-74.	2.0	29
25	Anthropogenic and climate forcing on the long-term changes of planktonic rotifers in Lake Geneva, Europe. <i>Journal of Plankton Research</i> , 2006, 28, 287-296.	1.8	28
26	European large perialpine lakes under anthropogenic pressures and climate change: present status, research gaps and future challenges. <i>Hydrobiologia</i> , 2018, 824, 1-32.	2.0	28
27	Effects of climate and land-use changes on fish catches across lakes at a global scale. <i>Nature Communications</i> , 2020, 11, 2526.	12.8	28
28	Restoration of Lake Geneva: Expected versus observed responses of phytoplankton to decreases in phosphorus. <i>Lakes and Reservoirs: Research and Management</i> , 2002, 7, 67-80.	0.9	27
29	The paradox of reoligotrophication: the role of bottom-up versus top-down controls on the phytoplankton community. <i>Oikos</i> , 2019, 128, 1666-1677.	2.7	27
30	Phytoplankton and cyanobacteria abundances in mid-21st century lakes depend strongly on future land use and climate projections. <i>Global Change Biology</i> , 2021, 27, 6409-6422.	9.5	27
31	Spatial match between <i>Planktothrix rubescens</i> and whitefish in a mesotrophic peri-alpine lake: Evidence of toxins accumulation. <i>Harmful Algae</i> , 2011, 10, 749-758.	4.8	26
32	Long-term warming destabilizes aquatic ecosystems through weakening biodiversity-mediated causal networks. <i>Global Change Biology</i> , 2020, 26, 6413-6423.	9.5	23
33	Modelling the plankton groups of the deep, peri-alpine Lake Bourget. <i>Ecological Modelling</i> , 2017, 359, 415-433.	2.5	21
34	Causal networks of phytoplankton diversity and biomass are modulated by environmental context. <i>Nature Communications</i> , 2022, 13, 1140.	12.8	18
35	Plasticity in phytoplankton annual periodicity: an adaptation to long-term environmental changes. <i>Hydrobiologia</i> , 2018, 824, 121-141.	2.0	13
36	Impact of Fishing and Stocking Practices on Coregonid Diversity. <i>Food and Nutrition Sciences (Print)</i> , 2015, 06, 1045-1055.	0.4	12

#	ARTICLE	IF	CITATIONS
37	Contribution of 3D coupled hydrodynamic-ecological modeling to assess the representativeness of a sampling protocol for lake water quality assessment. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2019, , 42.	1.1	10
38	Ontogenetic dietary changes of whitefish larvae: insights from field and experimental observations. <i>Environmental Biology of Fishes</i> , 2011, 91, 27-38.	1.0	9
39	Fish communities in the Anthropocene: detecting drivers of changes in the deep peri-alpine Lake Geneva. <i>Inland Waters</i> , 2017, 7, 65-76.	2.2	9
40	Model-based data analysis of the effect of winter mixing on primary production in a lake under reoligotrophication. <i>Ecological Modelling</i> , 2021, 440, 109401.	2.5	7
41	Global data set of long-term summertime vertical temperature profiles in 153 lakes. <i>Scientific Data</i> , 2021, 8, 200.	5.3	7