Orlane Anneville

List of Publications by Year
in descending order

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	Causal networks of phytoplankton diversity and biomass are modulated by environmental context. Nature Communications, 2022, 13, 1140.	12.8	18
2	A framework for ensemble modelling of climate change impacts on lakes worldwide: the ISIMIP Lake Sector. Geoscientific Model Development, 2022, 15, 4597-4623.	3.6	37
3	Model-based data analysis of the effect of winter mixing on primary production in a lake under reoligotrophication. Ecological Modelling, 2021, 440, 109401.	2.5	7
4	Climate change drives widespread shifts in lake thermal habitat. Nature Climate Change, 2021, 11, 521-529.	18.8	87
5	Global data set of long-term summertime vertical temperature profiles in 153 lakes. Scientific Data, 2021, 8, 200.	5.3	7
6	Phytoplankton and cyanobacteria abundances in midâ€21st century lakes depend strongly on future land use and climate projections. Global Change Biology, 2021, 27, 6409-6422.	9.5	27
7	Deeper waters are changing less consistently than surface waters in a global analysis of 102 lakes. Scientific Reports, 2020, 10, 20514.	3.3	56
8	Longâ€term warming destabilizes aquatic ecosystems through weakening biodiversityâ€mediated causal networks. Global Change Biology, 2020, 26, 6413-6423.	9.5	23
9	Effects of climate and land-use changes on fish catches across lakes at a global scale. Nature Communications, 2020, 11, 2526.	12.8	28
10	The Observatory on LAkes (OLA) database: Sixty years of environmental data accessible to the public. Journal of Limnology, 2020, 79, .	1.1	51
11	Storm impacts on phytoplankton community dynamics in lakes. Global Change Biology, 2020, 26, 2756-2784.	9.5	144
12	The paradox of reâ€oligotrophication: the role of bottomâ€“up versus topâ€“down controls on the phytoplankton community. Oikos, 2019, 128, 1666-1677.	2.7	27
13	Contribution of 3D coupled hydrodynamic-ecological modeling to assess the representativeness of a sampling protocol for lake water quality assessment. Knowledge and Management of Aquatic Ecosystems, 2019, , 42.	1.1	10
14	Plasticity in phytoplankton annual periodicity: an adaptation to long-term environmental changes. Hydrobiologia, 2018, 824, 121-141.	2.0	13
15	European large perialpine lakes under anthropogenic pressures and climate change: present status, research gaps and future challenges. Hydrobiologia, 2018, 824, 1-32.	2.0	28
16	Using 3D modeling and remote sensing capabilities for a better understanding of spatio-temporal heterogeneities of phytoplankton abundance in large lakes. Journal of Great Lakes Research, 2018, 44, 756-764.	1.9	31
17	Fish communities in the Anthropocene: detecting drivers of changes in the deep peri-alpine Lake Geneva. Inland Waters, 2017, 7, 65-76.	2.2	9
18	Modelling the plankton groups of the deep, peri-alpine Lake Bourget. Ecological Modelling, 2017, 359, 415-433.	2.5	21

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19	Rapid and highly variable warming of lake surface waters around the globe. Geophysical Research Letters, 2015, 42, 10,773.	4.0	767
20	Morphometry and average temperature affect lake stratification responses to climate change. Geophysical Research Letters, 2015, 42, 4981-4988.	4.0	282
21	A global database of lake surface temperatures collected by in situ and satellite methods from 1985â€“2009. Scientific Data, 2015, 2, 150008.	5.3	153
22	Application of remote sensing for the optimization of in-situ sampling for monitoring of phytoplankton abundance in a large lake. Science of the Total Environment, 2015, 527-528, 493-506.	8.0	60
23	Occurrence and mass development of Mougeotia spp. (Zygnemataceae) in large, deep lakes. Hydrobiologia, 2015, 745, 17-29.	2.0	44
24	Impact of Fishing and Stocking Practices on Coregonid Diversity. Food and Nutrition Sciences (Print), 2015, 06, 1045-1055.	0.4	12
25	Trophic transfer of microcystins through the lake pelagic food web: Evidence for the role of zooplankton as a vector in fish contamination. Science of the Total Environment, 2014, 466-467, 152-163.	8.0	56
26	Cyanobacterial bloom termination: the disappearance of <i>Planktothrix rubescens</i> from Lake Bourget (France) after restoration. Freshwater Biology, 2014, 59, 2472-2487.	2.4	38
27	The need for ecological monitoring of freshwaters in a changing world: a case study of Lakes Annecy, Bourget, and Geneva. Environmental Monitoring and Assessment, 2014, 186, 3455-3476.	2.7	33
28	Spatial match between Planktothrix rubescens and whitefish in a mesotrophic peri-alpine lake: Evidence of toxins accumulation. Harmful Algae, 2011, 10, 749-758.	4.8	26
29	Impacts of extreme air temperatures on cyanobacteria in five deep peri-Alpine lakes. Journal of Limnology, 2011, 70, 186.	1.1	32
30	Ontogenetic dietary changes of whitefish larvae: insights from field and experimental observations. Environmental Biology of Fishes, 2011, 91, 27-38.	1.0	9
31	Phytoplankton productivity increased in Lake Geneva despite phosphorus loading reduction. Journal of Plankton Research, 2009, 31, 1179-1194.	1.8	33
32	Central European water quality indices applied to long-term data from peri-alpine lakes: test and possible improvements. Hydrobiologia, 2009, 633, 67-74.	2.0	29
33	Long-term changes in the copepod community of Lake Geneva. Journal of Plankton Research, 2007, 29, i49-i59.	1.8	48
34	Fishery changes during re-oligotrophication inÂ11Âperi-alpine Swiss andÂFrench lakes over theÂpast 30Âyears. Acta Oecologica, 2006, 30, 161-167.	1.1	69
35	Twenty years of spatially coherent deepwater warming in lakes across Europe related to the North Atlantic Oscillation. Limnology and Oceanography, 2006, 51, 2787-2793.	3.1	122
36	Anthropogenic and climate forcing on the long-term changes of planktonic rotifers in Lake Geneva, Europe. Journal of Plankton Research, 2006, 28, 287-296.	1.8	28

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37	Lake responses to reduced nutrient loading - an analysis of contemporary long-term data from 35 case studies. Freshwater Biology, 2005, 50, 1747-1771.	2.4	1,080
38	Phosphorus decrease and climate variability: mediators of synchrony in phytoplankton changes among European peri-alpine lakes. Freshwater Biology, 2005, 50, 1731-1746.	2.4	152
39	The proliferation of the toxic cyanobacterium Planktothrix rubescens following restoration of the largest natural French lake (Lac du Bourget). Harmful Algae, 2005, 4, 651-672.	4.8	167
40	Temporal mapping of phytoplankton assemblages in Lake Geneva: Annual and interannual changes in their patterns of succession. Limnology and Oceanography, 2002, 47, 1355-1366.	3.1	102
41	Restoration of Lake Geneva: Expected versus observed responses of phytoplankton to decreases in phosphorus. Lakes and Reservoirs: Research and Management, 2002, 7, 67-80.	0.9	27