Lisette N De Senerpont Domis

List of Publications by Year
in descending order

56 papers	3,739 citations	168829 31 h-index	175968 55 g-index
57 all docs	57 docs citations	57 times ranked	4976 citing authors

#	Article	IF	Citations
1	Serving many masters at once: a framework for assessing ecosystem services delivered by quarry lakes. Inland Waters, 2022, 12, 121-137.	1.1	10
2	Towards a Good Ecological Status? The Prospects for the Third Implementation Cycle of the EU Water Framework Directive in The Netherlands. Water (Switzerland), 2022, 14, 486.	1.2	5
3	Phytoplankton responses to repeated pulse perturbations imposed on a trend of increasing eutrophication. Ecology and Evolution, 2022, 12, e8675.	0.8	6
4	Towards climate-robust water quality management: Testing the efficacy of different eutrophication control measures during a heatwave in an urban canal. Science of the Total Environment, 2022, 828, 154421.	3.9	14
5	Innovative floating bifacial photovoltaic solutions for inland water areas. Progress in Photovoltaics: Research and Applications, 2021, 29, 725-743.	4.4	39
6	Virtual Growing Pains: Initial Lessons Learned from Organizing Virtual Workshops, Summits, Conferences, and Networking Events during a Global Pandemic. Limnology and Oceanography Bulletin, 2021, 30, 1-11.	0.2	9
7	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. Science of the Total Environment, 2021, 769, 144294.	3.9	28
8	Flipping Lakes: Explaining concepts of catchmentâ€scale water management through a serious game. Limnology and Oceanography: Methods, 2021, 19, 443-456.	1.0	3
9	Cyanobacterial blooms in oligotrophic lakes: Shifting the highâ€nutrient paradigm. Freshwater Biology, 2021, 66, 1846-1859.	1.2	67
10	Effectiveness of phosphorus control under extreme heatwaves: implications for sediment nutrient releases and greenhouse gas emissions. Biogeochemistry, 2021, 156, 421-436.	1.7	16
11	Stratification strength and light climate explain variation in chlorophyll <scp>a</scp> at the continental scale in a European multilake survey in a heatwave summer. Limnology and Oceanography, 2021, 66, 4314-4333.	1.6	19
12	Changing humanâ€“ecosystem interactions during COVID-19 pandemic: reflections from an urban aquatic ecology perspective. Current Opinion in Environmental Sustainability, 2020, 46, 32-34.	3.1	4
13	Warming advances virus population dynamics in a temperate freshwater plankton community. Limnology and Oceanography Letters, 2020, 5, 295-304.	1.6	7
14	Storm impacts on phytoplankton community dynamics in lakes. Global Change Biology, 2020, 26, 2756-2784.	4.2	144
15	Warming and CO2 effects under oligotrophication on temperate phytoplankton communities. Water Research, 2020, 173, 115579.	5.3	13
16	Saving water for the future: Public awareness of water usage and water quality. Journal of Environmental Management, 2019, 242, 246-257.	3.8	50
17	An affordable and reliable assessment of aquatic decomposition: Tailoring the Tea Bag Index to surface waters. Water Research, 2019, 151, 31-43.	5.3	37
18	Towards restoring urban waters: understanding the main pressures. Current Opinion in Environmental Sustainability, 2019, 36, 49-58.	3.1	47

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19	Snapshot Surveys for Lake Monitoring, More Than a Shot in the Dark. Frontiers in Ecology and Evolution, 2018, 6, .	1.1	13
20	Impacts of warming on top-down and bottom-up controls of periphyton production. Scientific Reports, 2018, 8, 9901.	1.6	20
21	Response of Natural Cyanobacteria and Algae Assemblages to a Nutrient Pulse and Elevated Temperature. Frontiers in Microbiology, 2018, 9, 1851.	1.5	83
22	Fungal parasites of a toxic inedible cyanobacterium provide food to zooplankton. Limnology and Oceanography, 2018, 63, 2384-2393.	1.6	37
23	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. Toxins, 2018, 10, 156.	1.5	159
24	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. Scientific Data, 2018, 5, 180226.	2.4	30
25	Warming advances topâ€down control and reduces producer biomass in a freshwater plankton community. Ecosphere, 2017, 8, e01651.	1.0	63
26	Combined physical, chemical and biological factors shape Alexandrium ostenfeldii blooms in The Netherlands. Harmful Algae, 2017, 63, 146-153.	2.2	30
27	Cross continental increase in methane ebullition under climate change. Nature Communications, 2017, 8, 1682.	5.8	146
28	Warming accelerates termination of a phytoplankton spring bloom by fungal parasites. Global Change Biology, 2016, 22, 299-309.	4.2	67
29	Pharmaceuticals May Disrupt Natural Chemical Information Flows and Species Interactions in Aquatic Systems: Ideas and Perspectives on a Hidden Global Change. Reviews of Environmental Contamination and Toxicology, 2016, 238, 91-105.	0.7	23
30	Evaluation of several end-of-pipe measures proposed to control cyanobacteria. Aquatic Ecology, 2016, 50, 499-519.	0.7	46
31	Food quality dominates the impact of food quantity on Daphnia life history: possible implications for re-oligotrophication. Inland Waters, 2014, 4, 363-368.	1.1	12
32	Community stoichiometry in a changing world: combined effects of warming and eutrophication on phytoplankton dynamics. Ecology, 2014, 95, 1485-1495.	1.5	99
33	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the) Tj ETQq1 1 0.784314 rgBT /Overl	1.2	14
34	Predictability of plankton communities in an unpredictable world. Freshwater Biology, 2013, 58, 455-462.	1.2	12
35	Spatiotemporal variation in the distribution of chytrid parasites in diatom host populations. Freshwater Biology, 2013, 58, 523-537.	1.2	35
36	Plankton dynamics under different climatic conditions in space and time. Freshwater Biology, 2013, 58, 463-482.	1.2	259

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37	Chytrid epidemics may increase genetic diversity of a diatom spring-bloom. ISME Journal, 2013, 7, 2057-2059.	4.4	49
38	The effect of small doses of toxic cyanobacterial food on the temperature response of Daphnia galeata: is bigger better?. Freshwater Biology, 2013, 58, 560-572.	1.2	11
39	Temperature Alters Host Genotype-Specific Susceptibility to Chytrid Infection. PLoS ONE, 2013, 8, e71737.	1.1	44
40	GENOTYPEâ€BYâ€TEMPERATURE INTERACTIONS MAY HELP TO MAINTAIN CLONAL DIVERSITY IN ASTERIONELLA FORMOSA (BACILLARIOPHYCEAE). Journal of Phycology, 2012, 48, 1197-1208.	1.0	23
41	Beyond the Plankton Ecology Group (PEG) Model: Mechanisms Driving Plankton Succession. Annual Review of Ecology, Evolution, and Systematics, 2012, 43, 429-448.	3.8	604
42	The Good, the Bad and the Plenty: Interactive Effects of Food Quality and Quantity on the Growth of Different Daphnia Species. PLoS ONE, 2012, 7, e42966.	1.1	29
43	Chytrid infections and diatom spring blooms: paradoxical effects of climate warming on fungal epidemics in lakes. Freshwater Biology, 2011, 56, 754-766.	1.2	92
44	Challenges and opportunities for integrating lake ecosystem modelling approaches. Aquatic Ecology, 2010, 44, 633-667.	0.7	208
45	Modeling lakes and reservoirs in the climate system. Limnology and Oceanography, 2009, 54, 2315-2329.	1.6	101
46	Linking species- and ecosystem-level impacts of climate change in lakes with a complex and a minimal model. Ecological Modelling, 2009, 220, 3011-3020.	1.2	53
47	Interaction between the macrophyte Stratiotes aloides and filamentous algae: does it indicate allelopathy?. Aquatic Ecology, 2009, 43, 305-312.	0.7	27
48	Critical phosphorus loading of different types of shallow lakes and the consequences for management estimated with the ecosystem model PCLake. Limnologica, 2008, 38, 203-219.	0.7	113
49	The impact of climate warming on water temperature, timing of hatching and young-of-the-year growth of fish in shallow lakes in the Netherlands. Journal of Sea Research, 2008, 60, 32-43.	0.6	61
50	Predicting the effect of climate change on temperate shallow lakes with the ecosystem model PCLake. Hydrobiologia, 2007, 584, 443-454.	1.0	134
51	Climate-induced shifts in an experimental phytoplankton community: a mechanistic approach. Hydrobiologia, 2007, 584, 403-413.	1.0	81
52	Can overwintering versus diapausing strategy in Daphnia determine matchâ€“mismatch events in zooplanktonâ€“algae interactions?. Oecologia, 2007, 150, 682-698.	0.9	67
53	Climate-induced shifts in an experimental phytoplankton community: a mechanistic approach. , 2007, , 403-413.		4
54	The impact of climate change on lakes in the Netherlands: a review. Aquatic Ecology, 2005, 39, 381-400.	0.7	281

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55	DEFINING TAXON BOUNDARIES IN MEMBERS OF THE MORPHOLOGICALLY AND GENETICALLY PLASTIC GENES CAULERPA (CAULERPALES, CHLOROPHYTA)1. Journal of Phycology, 2003, 39, 1019-1037.	1.0	49
56	Growth of harmful marine algae in multispecies cultures. Journal of Plankton Research, 1996, 18, 1851-1866.	0.8	42