

# Ellen van Donk

## List of Publications by Year in descending order

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162  
papers

13,116  
citations

23544

58  
h-index

25770

108  
g-index

168  
all docs

168  
docs citations

168  
times ranked

10671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lakes as sentinels of climate change. <i>Limnology and Oceanography</i> , 2009, 54, 2283-2297.	1.6	1,314
2	Warmer climates boost cyanobacterial dominance in shallow lakes. <i>Global Change Biology</i> , 2012, 18, 118-126.	4.2	663
3	Beyond the Plankton Ecology Group (PEG) Model: Mechanisms Driving Plankton Succession. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 429-448.	3.8	604
4	Impact of submerged macrophytes including charophytes on phyto- and zooplankton communities: allelopathy versus other mechanisms. <i>Aquatic Botany</i> , 2002, 72, 261-274.	0.8	504
5	Parasitic chytrids: their effects on phytoplankton communities and food-web dynamics. <i>Hydrobiologia</i> , 2007, 578, 113-129.	1.0	289
6	The determination of ecological status in shallow lakes - a tested system (ECOFRAME) for implementation of the European Water Framework Directive. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2003, 13, 507-549.	0.9	266
7	Plankton dynamics under different climatic conditions in space and time. <i>Freshwater Biology</i> , 2013, 58, 463-482.	1.2	259
8	Lakes in the Netherlands, their origin, eutrophication and restoration: state-of-the-art review*. <i>Hydrobiologia</i> , 2002, 478, 73-106.	1.0	253
9	Morphological changes in <i>Scenedesmus</i> induced by substances released from <i>Daphnia</i> . <i>Archiv für Hydrobiologie</i> , 1993, 127, 129-140.	1.1	246
10	HOST PARASITE INTERACTIONS BETWEEN FRESHWATER PHYTOPLANKTON AND CHYTRID FUNGI ( <i>CHYTRIDIOMYCOTA</i> ). <i>Journal of Phycology</i> , 2004, 40, 437-453.	1.0	212
11	Climate-driven changes in the ecological stoichiometry of aquatic ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 145-152.	1.9	201
12	Induced defences in marine and freshwater phytoplankton: a review. <i>Hydrobiologia</i> , 2011, 668, 3-19.	1.0	198
13	The ecological stoichiometry of toxins produced by harmful cyanobacteria: an experimental test of the carbon-nutrient balance hypothesis. <i>Ecology Letters</i> , 2009, 12, 1326-1335.	3.0	197
14	Impact of the fungicide carbendazim in freshwater microcosms. II. Zooplankton, primary producers and final conclusions. <i>Aquatic Toxicology</i> , 2000, 48, 251-264.	1.9	185
15	Reversal in competitive dominance of a toxic versus non-toxic cyanobacterium in response to rising CO <sub>2</sub> . <i>ISME Journal</i> , 2011, 5, 1438-1450.	4.4	177
16	<i>Daphnia</i> food limitation in three hypereutrophic Dutch lakes: Evidence for exclusion of large-bodied species by interfering filaments of cyanobacteria. <i>Limnology and Oceanography</i> , 2001, 46, 2054-2060.	1.6	172
17	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. <i>Environmental Microbiology</i> , 2017, 19, 3802-3822.	1.8	171
18	Mixotrophic organisms become more heterotrophic with rising temperature. <i>Ecology Letters</i> , 2013, 16, 225-233.	3.0	168

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19	Rising CO <sub>2</sub> Levels Will Intensify Phytoplankton Blooms in Eutrophic and Hypertrophic Lakes. <i>PLoS ONE</i> , 2014, 9, e104325.	1.1	168
20	Macrophyte-related shifts in the nitrogen and phosphorus contents of the different trophic levels in a biomanipulated shallow lake. <i>Hydrobiologia</i> , 1993, 251, 19-26.	1.0	167
21	Lake restoration studies: Failures, bottlenecks and prospects of new ecotechnological measures. <i>Limnologica</i> , 2008, 38, 233-247.	0.7	159
22	Can macrophytes be useful in biomanipulation of lakes? The Lake Zwemlust example. <i>Hydrobiologia</i> , 1990, 200-201, 399-407.	1.0	146
23	Cross continental increase in methane ebullition under climate change. <i>Nature Communications</i> , 2017, 8, 1682.	5.8	146
24	Restoring macrophyte diversity in shallow temperate lakes: biotic versus abiotic constraints. <i>Hydrobiologia</i> , 2013, 710, 23-37.	1.0	145
25	Grazing resistance in nutrient-stressed phytoplankton. <i>Oecologia</i> , 1993, 93, 508-511.	0.9	144
26	The effect of fungal parasitism on the succession of diatoms in Lake Maarsseveen I (The Netherlands). <i>Freshwater Biology</i> , 1983, 13, 241-251.	1.2	137
27	UV <sub>A</sub> -induced changes in phytoplankton cells and its effects on grazers. <i>Freshwater Biology</i> , 1997, 38, 513-524.	1.2	136
28	The parasitic chytrid, <i>Zygorhizidium</i> , facilitates the growth of the cladoceran zooplankton, <i>Daphnia</i> , in cultures of the inedible alga, <i>Asterionella</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1561-1566.	1.2	134
29	TEMPERATURE EFFECTS ON SILICON- AND PHOSPHORUS-LIMITED GROWTH AND COMPETITIVE INTERACTIONS AMONG THREE DIATOMS <sup>1</sup> . <i>Journal of Phycology</i> , 1990, 26, 40-50.	1.0	124
30	Grazer-induced colony formation in <i>Scenedesmus</i> : are there costs to being colonial?. <i>Oikos</i> , 2000, 88, 111-118.	1.2	114
31	Morphological changes in <i>Scenedesmus</i> induced by infochemicals released in situ from zooplankton grazers. <i>Limnology and Oceanography</i> , 1997, 42, 783-788.	1.6	111
32	Assimilation and depuration of microcystin-LR by the zebra mussel, <i>Dreissena polymorpha</i> . <i>Aquatic Toxicology</i> , 2004, 69, 385-396.	1.9	106
33	Impact of Herbivory on Plant Standing Crop: Comparisons Among Biomes, Between Vascular and Nonvascular Plants, and Among Freshwater Herbivore Taxa. <i>Ecological Studies</i> , 1998, , 149-174.	0.4	105
34	Evaluating early-warning indicators of critical transitions in natural aquatic ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8089-E8095.	3.3	101
35	Community stoichiometry in a changing world: combined effects of warming and eutrophication on phytoplankton dynamics. <i>Ecology</i> , 2014, 95, 1485-1495.	1.5	99
36	<i>Daphnia</i> can protect diatoms from fungal parasitism. <i>Limnology and Oceanography</i> , 2004, 49, 680-685.	1.6	98

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37	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. <i>Frontiers in Plant Science</i> , 2018, 9, 194.	1.7	97
38	Effects of grazing by fish and waterfowl on the biomass and species composition of submerged macrophytes. <i>Hydrobiologia</i> , 1996, 340, 285-290.	1.0	96
39	Zooplankton-induced unicell-colony transformation in <i>Scenedesmus acutus</i> and its effect on growth of herbivore <i>Daphnia</i> . <i>Oecologia</i> , 1996, 108, 432-437.	0.9	94
40	Macrophyte-phytoplankton interactions: The relative importance of allelopathy versus other factors. <i>Ecological Modelling</i> , 2007, 204, 85-92.	1.2	92
41	Chytrid infections and diatom spring blooms: paradoxical effects of climate warming on fungal epidemics in lakes. <i>Freshwater Biology</i> , 2011, 56, 754-766.	1.2	92
42	Effect of macrophyte community composition and nutrient enrichment on plant biomass and algal blooms. <i>Basic and Applied Ecology</i> , 2010, 11, 432-439.	1.2	89
43	Sensitivity of Macrophyte-Dominated Freshwater Microcosms to Chronic Levels of the Herbicide Linuron. <i>Ecotoxicology and Environmental Safety</i> , 1997, 38, 13-24.	2.9	78
44	Elevated CO <sub>2</sub> concentrations affect the elemental stoichiometry and species composition of an experimental phytoplankton community. <i>Freshwater Biology</i> , 2013, 58, 597-611.	1.2	76
45	Allelopathic activity of <i>Stratiotes aloides</i> on phytoplankton towards identification of allelopathic substances. <i>Hydrobiologia</i> , 2007, 584, 89-100.	1.0	75
46	Effects of chronic low concentrations of the pesticides chlorpyrifos and atrazine in indoor freshwater microcosms. <i>Chemosphere</i> , 1995, 31, 3181-3200.	4.2	74
47	Growth and nutrient uptake by two species of <i>Elodea</i> in experimental conditions and their role in nutrient accumulation in a macrophyte-dominated lake. <i>Hydrobiologia</i> , 1993, 251, 13-18.	1.0	73
48	Growth responses, P-uptake and loss of flagellae in <i>Chlamydomonas reinhardtii</i> exposed to UV-B. <i>Journal of Plankton Research</i> , 1995, 17, 17-27.	0.8	70
49	Allelopathic effect of the aquatic macrophyte, <i>Stratiotes aloides</i> , on natural phytoplankton. <i>Freshwater Biology</i> , 2006, 51, 554-561.	1.2	70
50	What is the influence of a reduction of planktivorous and benthivorous fish on water quality in temperate eutrophic lakes? A systematic review. <i>Environmental Evidence</i> , 2015, 4, .	1.1	69
51	Effects of dietary phosphorus deficiency on the abundance, phosphorus balance, and growth of <i>Daphnia cucullata</i> in three hypereutrophic Dutch lakes. <i>Limnology and Oceanography</i> , 2001, 46, 1871-1880.	1.6	68
52	Response of zooplankton to nutrient enrichment and fish in shallow lakes: a pan-European mesocosm experiment. <i>Freshwater Biology</i> , 2004, 49, 1619-1632.	1.2	67
53	Warming accelerates termination of a phytoplankton spring bloom by fungal parasites. <i>Global Change Biology</i> , 2016, 22, 299-309.	4.2	67
54	Infochemicals structure marine, terrestrial and freshwater food webs: Implications for ecological informatics. <i>Ecological Informatics</i> , 2006, 1, 23-32.	2.3	66

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55	Chemical information transfer in freshwater plankton. <i>Ecological Informatics</i> , 2007, 2, 112-120.	2.3	65
56	Grazing on colonial and filamentous, toxic and non-toxic cyanobacteria by the zebra mussel <i>Dreissena polymorpha</i> . <i>Journal of Plankton Research</i> , 2005, 27, 331-339.	0.8	63
57	Warming advances top-down control and reduces producer biomass in a freshwater plankton community. <i>Ecosphere</i> , 2017, 8, e01651.	1.0	63
58	INDUCIBLE COLONY FORMATION WITHIN THE SCENEDESMACEAE: ADAPTIVE RESPONSES TO INFOCHEMICALS FROM TWO DIFFERENT HERBIVORE TAXA. <i>Journal of Phycology</i> , 2004, 40, 808-814.	1.0	62
59	Coupled human and natural system dynamics as key to the sustainability of Lake Victoria's ecosystem services. <i>Ecology and Society</i> , 2014, 19, .	1.0	62
60	Primary producers or consumers? Increasing phytoplankton bacterivory along a gradient of lake warming and browning. <i>Limnology and Oceanography</i> , 2018, 63, S142.	1.6	62
61	Reduced digestibility of UV-B stressed and nutrient-limited algae by <i>Daphnia magna</i> . <i>Hydrobiologia</i> , 1995, 307, 147-151.	1.0	58
62	Continental-scale patterns of nutrient and fish effects on shallow lakes: introduction to a pan-European mesocosm experiment. <i>Freshwater Biology</i> , 2004, 49, 1517-1524.	1.2	58
63	The Role of Fungal Parasites in Phytoplankton Succession. <i>Brock/Springer Series in Contemporary Bioscience</i> , 1989, , 171-194.	0.3	56
64	Effects of UVB-irradiated algae on life history traits of <i>Daphnia pulex</i> . <i>Freshwater Biology</i> , 1997, 38, 711-720.	1.2	55
65	Center Stage: The Crucial Role of Macrophytes in Regulating Trophic Interactions in Shallow Lake Wetlands. <i>Ecological Studies</i> , 2006, , 37-59.	0.4	55
66	The first biomanipulation conference: a synthesis. <i>Hydrobiologia</i> , 1990, 200-201, 619-627.	1.0	53
67	Factors controlling hydrochemical and trophic state variables in 86 shallow lakes in Europe. <i>Hydrobiologia</i> , 2003, 506-509, 51-58.	1.0	52
68	Parasitic chytrids could promote copepod survival by mediating material transfer from inedible diatoms. <i>Hydrobiologia</i> , 2011, 659, 49-54.	1.0	52
69	GENETIC VARIATION IN <i>ASTERIONELLA FORMOSA</i> (BACILLARIOPHYCEAE): IS IT LINKED TO FREQUENT EPIDEMICS OF HOST-SPECIFIC PARASITIC FUNGI? <i>Journal of Phycology</i> , 2004, 40, 823-830.	1.0	51
70	Pulsed nitrogen supply induces dynamic changes in the amino acid composition and microcystin production of the harmful cyanobacterium <i>Planktothrix agardhii</i> . <i>FEMS Microbiology Ecology</i> , 2010, 74, 430-438.	1.3	51
71	Lake restoration by in-lake iron addition: a synopsis of iron impact on aquatic organisms and shallow lake ecosystems. <i>Aquatic Ecology</i> , 2016, 50, 121-135.	0.7	51
72	Short-term and long-term effects of zooplanktivorous fish removal in a shallow lake: a synthesis of 15 years of data from Lake Zwemlust. <i>Freshwater Biology</i> , 2002, 47, 2380-2387.	1.2	50

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73	Goose-mediated nutrient enrichment and planktonic grazer control in arctic freshwater ponds. <i>Oecologia</i> , 2007, 153, 653-662.	0.9	50
74	Lakes in the Netherlands, their origin, eutrophication and restoration: state-of-the-art review. , 2002, , 73-106.		50
75	Chytrid epidemics may increase genetic diversity of a diatom spring-bloom. <i>ISME Journal</i> , 2013, 7, 2057-2059.	4.4	49
76	Mass development of monospecific submerged macrophyte vegetation after the restoration of shallow lakes: Roles of light, sediment nutrient levels, and propagule density. <i>Aquatic Botany</i> , 2017, 141, 29-38.	0.8	49
77	Effects of nutrient additions and macrophyte composition on invertebrate community assembly and diversity in experimental ponds. <i>Basic and Applied Ecology</i> , 2011, 12, 466-475.	1.2	48
78	Hydrophyte-macroinvertebrate interactions in Zwemlust, a lake undergoing biomanipulation. <i>Hydrobiologia</i> , 1990, 200-201, 467-474.	1.0	46
79	Temperature Alters Host Genotype-Specific Susceptibility to Chytrid Infection. <i>PLoS ONE</i> , 2013, 8, e71737.	1.1	44
80	Adaptation of the Fungal Parasite <i>Zygorhizidium planktonicum</i> During 200 Generations of Growth on Homogeneous and Heterogeneous Populations of Its Host, the Diatom <i>Asterionella formosa</i> . <i>Journal of Eukaryotic Microbiology</i> , 2008, 55, 69-74.	0.8	43
81	Fighting internal phosphorus loading: An evaluation of the large scale application of gradual Fe-addition to a shallow peat lake. <i>Ecological Engineering</i> , 2015, 83, 78-89.	1.6	43
82	The influence of balanced and imbalanced resource supply on biodiversityâ€“functioning relationship across ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150283.	1.8	43
83	Warming enhances sedimentation and decomposition of organic carbon in shallow macrophyte-dominated systems with zero net effect on carbon burial. <i>Global Change Biology</i> , 2018, 24, 5231-5242.	4.2	43
84	Functional response of <i>Anodonta anatina</i> feeding on a green alga and four strains of cyanobacteria, differing in shape, size and toxicity. <i>Hydrobiologia</i> , 2007, 584, 191-204.	1.0	40
85	Environmental risk assessment for invasive alien species: A case study of apple snails affecting ecosystem services in Europe. <i>Environmental Impact Assessment Review</i> , 2017, 65, 1-11.	4.4	40
86	In situ measurement of algal growth potential in aquatic ecosystems by immobilized algae. <i>Journal of Applied Phycology</i> , 1994, 6, 301-308.	1.5	39
87	Comparing Grazing on Lake Seston by <i>Dreissena</i> and <i>Daphnia</i> : Lessons for Biomanipulation. <i>Microbial Ecology</i> , 2005, 50, 242-252.	1.4	39
88	Seasonal seston stoichiometry: effects on zooplankton in cyanobacteria-dominated lakes. <i>Journal of Plankton Research</i> , 2005, 27, 449-460.	0.8	39
89	Effects of nutrients and fish on periphyton and plant biomass across a European latitudinal gradient. <i>Aquatic Ecology</i> , 2008, 42, 561-574.	0.7	37
90	Fungal parasites of a toxic inedible cyanobacterium provide food to zooplankton. <i>Limnology and Oceanography</i> , 2018, 63, 2384-2393.	1.6	37

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91	Can macrophytes be useful in biomanipulation of lakes? The Lake Zwemlust example. , 1990, , 399-407.		37
92	Microcystins do not provide anti-herbivore defence against mixotrophic flagellates. Aquatic Microbial Ecology, 2010, 59, 207-216.	0.9	37
93	Responses of phytoplankton to fish predation and nutrient loading in shallow lakes: a pan-European mesocosm experiment. Freshwater Biology, 2004, 49, 1608-1618.	1.2	36
94	Impact of Temperature and Nutrients on Carbon: Nutrient Tissue Stoichiometry of Submerged Aquatic Plants: An Experiment and Meta-Analysis. Frontiers in Plant Science, 2017, 8, 655.	1.7	36
95	Changes in N:P Supply Ratios Affect the Ecological Stoichiometry of a Toxic Cyanobacterium and Its Fungal Parasite. Frontiers in Microbiology, 2017, 8, 1015.	1.5	36
96	Oxygen consumption and motile activity of the brown shrimp Crangon crangon related to temperature and body size. Journal of Sea Research, 1981, 15, 54-64.	1.0	35
97	Colony formation in Scenedesmus: a literature overview and further steps towards the chemical characterisation of the Daphnia kairomone. Hydrobiologia, 2003, 491, 241-254.	1.0	35
98	Combined and single effects of pesticide carbaryl and toxic Microcystis aeruginosa on the life history of Daphnia pulicaria. Hydrobiologia, 2010, 643, 129-138.	1.0	35
99	Spatiotemporal variation in the distribution of chytrid parasites in diatom host populations. Freshwater Biology, 2013, 58, 523-537.	1.2	35
100	A model study on the stability of the macrophyte-dominated state as affected by biological factors. Water Research, 1998, 32, 2696-2706.	5.3	34
101	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. BioScience, 2013, 63, 35-42.	2.2	34
102	Effects of UV-radiation of humic water on primary and secondary production. Water, Air, and Soil Pollution, 1994, 75, 325-338.	1.1	33
103	Grazing on microcystin-producing and microcystin-free phytoplankters by different filter-feeders: implications for lake restoration. Aquatic Sciences, 2007, 69, 534-543.	0.6	33
104	The effect of a mixotrophic chrysophyte on toxic and colony-forming cyanobacteria. Freshwater Biology, 2009, 54, 1843-1855.	1.2	33
105	Species sorting and stoichiometric plasticity control community C:P ratio of first-order aquatic consumers. Ecology Letters, 2017, 20, 751-760.	3.0	32
106	Assessing ecological quality of shallow lakes: Does knowledge of transparency suffice?. Basic and Applied Ecology, 2009, 10, 89-96.	1.2	31
107	Interactive Effects of Rising Temperature and Nutrient Enrichment on Aquatic Plant Growth, Stoichiometry, and Palatability. Frontiers in Plant Science, 2020, 11, 58.	1.7	31
108	Re-oligotrophication by phosphorus reduction and effects on seston quality in lakes. Limnologia, 2008, 38, 189-202.	0.7	30



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109	Combined physical, chemical and biological factors shape <i>Alexandrium ostenfeldii</i> blooms in The Netherlands. <i>Harmful Algae</i> , 2017, 63, 146-153.	2.2	30
110	Strong interactions between stoichiometric constraints and algal defenses: evidence from population dynamics of <i>Daphnia</i> and algae in phosphorus-limited microcosms. <i>Oecologia</i> , 2013, 171, 175-186.	0.9	29
111	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. <i>Science of the Total Environment</i> , 2021, 769, 144294.	3.9	28
112	A multivariate analysis of phytoplankton and food web changes in a shallow biomanipulated lake. <i>Freshwater Biology</i> , 1996, 36, 683-696.	1.2	27
113	Interaction between the macrophyte <i>Stratiotes aloides</i> and filamentous algae: does it indicate allelopathy?. <i>Aquatic Ecology</i> , 2009, 43, 305-312.	0.7	27
114	Iron addition as a shallow lake restoration measure: impacts on charophyte growth. <i>Hydrobiologia</i> , 2013, 710, 241-251.	1.0	26
115	Alternative states and population crashes in a resource-susceptible-infected model for planktonic parasites and hosts. <i>Freshwater Biology</i> , 2013, 58, 538-551.	1.2	26
116	Iron addition as a measure to restore water quality: Implications for macrophyte growth. <i>Aquatic Botany</i> , 2014, 116, 44-52.	0.8	26
117	Growth strategy, phylogeny and stoichiometry determine the allelopathic potential of native and non-native plants. <i>Oikos</i> , 2017, 126, 1770-1779.	1.2	26
118	Effects of fish and nutrient additions on food-web stability in a charophyte-dominated lake. <i>Freshwater Biology</i> , 2004, 49, 1565-1573.	1.2	25
119	Dynamics and limitations of phytoplankton biomass along a gradient in <i>Malawi</i> , southern <i>Lake Victoria</i> ( <i>Tanzania</i> ). <i>Freshwater Biology</i> , 2014, 59, 127-141.	1.2	24
120	Biological control of toxic cyanobacteria by mixotrophic predators: an experimental test of intraguild predation theory. <i>Ecological Applications</i> , 2014, 24, 1235-1249.	1.8	24
121	The effects of biomanipulation on the biogeochemistry, carbon isotopic composition and pelagic food web relations of a shallow lake. <i>Biogeosciences</i> , 2006, 3, 69-83.	1.3	24
122	GENOTYPE-TEMPERATURE INTERACTIONS MAY HELP TO MAINTAIN CLONAL DIVERSITY IN <i>ASTERIONELLA FORMOSA</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 2012, 48, 1197-1208.	1.0	23
123	Comparison of predator-prey interactions with and without intraguild predation by manipulation of the nitrogen source. <i>Oikos</i> , 2014, 123, 423-432.	1.2	23
124	Pharmaceuticals May Disrupt Natural Chemical Information Flows and Species Interactions in Aquatic Systems: Ideas and Perspectives on a Hidden Global Change. <i>Reviews of Environmental Contamination and Toxicology</i> , 2016, 238, 91-105.	0.7	23
125	Switches Between Clear and Turbid Water States in a Biomanipulated Lake (1986-1996): The Role of Herbivory on Macrophytes. <i>Ecological Studies</i> , 1998, , 290-297.	0.4	22
126	SEQUENCE ANALYSIS OF THE ITS-2 REGION: A TOOL TO IDENTIFY STRAINS OF <i>SCENEDESMUS</i> (CHLOROPHYCEAE). <i>Journal of Phycology</i> , 2000, 36, 605-607.	1.0	22



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127	Epiphytic Diatoms along Environmental Gradients in Western European Shallow Lakes. <i>Clean - Soil, Air, Water</i> , 2014, 42, 229-235.	0.7	20
128	Impacts of warming on top-down and bottom-up controls of periphyton production. <i>Scientific Reports</i> , 2018, 8, 9901.	1.6	20
129	The potential of zooplankton in constraining chytrid epidemics in phytoplankton hosts. <i>Ecology</i> , 2020, 101, e02900.	1.5	20
130	Trophic position, elemental ratios and nitrogen transfer in a planktonic host-“parasite”-consumer food chain including a fungal parasite. <i>Oecologia</i> , 2020, 194, 541-554.	0.9	20
131	P-load, phytoplankton, zooplankton and fish stock in Loosdrecht Lake and Tjeukemeer: confounding effects of predation and food availability. <i>Hydrobiologia</i> , 1992, 233, 87-94.	1.0	19
132	Maximizing growth rate at low temperatures: RNA:DNA allocation strategies and life history traits of Arctic and temperate <i>Daphnia</i> . <i>Polar Biology</i> , 2010, 33, 1255-1262.	0.5	19
133	Effects of artificial ultraviolet-B radiation on experimental aquatic microcosms. <i>Freshwater Biology</i> , 1999, 42, 545-560.	1.2	18
134	Algal defenses, population stability, and the risk of herbivore extinctions: a chemostat model and experiment. <i>Ecological Research</i> , 2009, 24, 1145-1153.	0.7	18
135	Biotic factors in induced defence revisited: cell aggregate formation in the toxic cyanobacterium <i>Microcystis aeruginosa</i> PCC 7806 is triggered by spent <i>Daphnia</i> medium and disrupted cells. <i>Hydrobiologia</i> , 2010, 644, 159-168.	1.0	18
136	Relaxed circadian rhythm in zooplankton along a latitudinal gradient. <i>Oikos</i> , 2007, 116, 585-591.	1.2	17
137	The ghost of herbivory past: slow defence relaxation in the chlorophyte <i>Scenedesmus obliquus</i> . <i>Journal of Limnology</i> , 2009, 68, 327.	0.3	17
138	Periphyton density is similar on native and non-native plant species. <i>Freshwater Biology</i> , 2017, 62, 906-915.	1.2	17
139	The influence of <i>Myriophyllum verticillatum</i> and artificial plants on some life history parameters of <i>Daphnia magna</i> . <i>Aquatic Ecology</i> , 2007, 41, 263-271.	0.7	16
140	<i>Daphnia</i> growth rates in arctic ponds: limitation by nutrients or carbon?. <i>Polar Biology</i> , 2007, 30, 235-242.	0.5	14
141	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the) <i>TJ ETQq1 1 0.784314 rgBT /Overl</i>	1.2	14
142	Effects of Suspended Sediments on Seston Food Quality for Zebra Mussels in Lake Markermeer, The Netherlands. <i>Inland Waters</i> , 2013, 3, 437-450.	1.1	13
143	Direct and indirect effects of native plants and herbivores on biotic resistance to alien aquatic plant invasions. <i>Journal of Ecology</i> , 2020, 108, 1487-1496.	1.9	13
144	Reduced digestibility of UV-B stressed and nutrient-limited algae by <i>Daphnia magna</i> . , 1995, , 147-151.		13

#	ARTICLE	IF	CITATIONS
145	What is the influence on water quality in temperate eutrophic lakes of a reduction of planktivorous and benthivorous fish? A systematic review protocol. <i>Environmental Evidence</i> , 2013, 2, .	1.1	12
146	Food quality dominates the impact of food quantity on <i>Daphnia</i> life history: possible implications for re-oligotrophication. <i>Inland Waters</i> , 2014, 4, 363-368.	1.1	12
147	Hydrophyte-macroinvertebrate interactions in Zwemlust, a lake undergoing biomanipulation. , 1990, , 467-474.		11
148	Serving many masters at once: a framework for assessing ecosystem services delivered by quarry lakes. <i>Inland Waters</i> , 2022, 12, 121-137.	1.1	10
149	Growth and nutrient uptake by two species of <i>Elodea</i> in experimental conditions and their role in nutrient accumulation in a macrophyte-dominated lake. , 1993, , 13-18.		7
150	Contrasting life history responses to fish released into chemicals of two co-occurring <i>Daphnia</i> species that show different migration behaviour. <i>Archiv für Hydrobiologie</i> , 2006, 167, 89-100.	1.1	7
151	Warming advances virus population dynamics in a temperate freshwater plankton community. <i>Limnology and Oceanography Letters</i> , 2020, 5, 295-304.	1.6	7
152	Long-term trends and seasonal variation in host density, temperature, and nutrients differentially affect chytrid fungi parasitising lake phytoplankton. <i>Freshwater Biology</i> , 2022, 67, 1532-1542.	1.2	7
153	Vulnerability of <i>Asterionella formosa</i> to <i>Daphnia</i> grazing: impact of a fungal parasite. <i>Verhandlungen Der Internationalen Vereinigung Für Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005, 29, 350-354.	0.1	4
154	Planktonic interactions: developments and perspectives. <i>Verhandlungen Der Internationalen Vereinigung Für Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2005, 29, 61-72.	0.1	4
155	Changes in community structure and growth limitation of phytoplankton due to top-down food-web manipulation. <i>Verhandlungen Der Internationalen Vereinigung Für Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1991, 24, 773-778.	0.1	3
156	Effects of Grazing by Fish and Waterfowl on the Biomass and Species Composition of Submerged Macrophytes. , 1996, , 285-290.		3
157	The first biomanipulation conference: a synthesis. , 1990, , 619-628.		2
158	Active biological sluice management in Lake Grevelingen. <i>Hydrobiological Bulletin</i> , 1989, 23, 85-89.	0.5	1
159	Allelopathic activity of <i>Stratiotes aloides</i> on phytoplankton towards identification of allelopathic substances. , 2007, , 89-100.		1
160	Biomanipulation in Shallow Lakes: Concepts, Case Studies and Perspectives. , 0, , 462-482.		1
161	Control of <i>Volvox</i> blooms by <i>Hertwigia</i> , a rotifer. <i>Verhandlungen Der Internationalen Vereinigung Für Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1998, 26, 1781-1784.	0.1	0
162	Impact of "white bacterial disease" on a <i>Daphnia magna</i> population. <i>Verhandlungen Der Internationalen Vereinigung Für Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2002, 28, 303-306.	0.1	0