

# Ellen van Donk

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

164  
papers

9,938  
citations

52  
h-index

95  
g-index

168  
ext. papers

11,473  
ext. citations

4  
avg. IF

6.01  
L-index

#	Paper	IF	Citations
164	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. <i>Science of the Total Environment</i> , <b>2021</b> , 769, 144294	10.2	8
163	Warming advances virus population dynamics in a temperate freshwater plankton community. <i>Limnology and Oceanography Letters</i> , <b>2020</b> , 5, 295-304	7.9	4
162	Direct and indirect effects of native plants and herbivores on biotic resistance to alien aquatic plant invasions. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1487-1496	6	5
161	Interactive Effects of Rising Temperature and Nutrient Enrichment on Aquatic Plant Growth, Stoichiometry, and Palatability. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 58	6.2	11
160	Trophic position, elemental ratios and nitrogen transfer in a planktonic host-parasite-consumer food chain including a fungal parasite. <i>Oecologia</i> , <b>2020</b> , 194, 541-554	2.9	7
159	The potential of zooplankton in constraining chytrid epidemics in phytoplankton hosts. <i>Ecology</i> , <b>2020</b> , 101, e02900	4.6	7
158	Primary producers or consumers? Increasing phytoplankton bacterivory along a gradient of lake warming and browning. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, S142-S155	4.8	30
157	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 194	6.2	58
156	Fungal parasites of a toxic inedible cyanobacterium provide food to zooplankton. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, 2384-2393	4.8	22
155	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> , <b>2018</b> , 24, 5231-5242	11.4	18
154	Impacts of warming on top-down and bottom-up controls of periphyton production. <i>Scientific Reports</i> , <b>2018</b> , 8, 9901	4.9	11
153	Warming advances top-down control and reduces producer biomass in a freshwater plankton community. <i>Ecosphere</i> , <b>2017</b> , 8, e01651	3.1	42
152	Periphyton density is similar on native and non-native plant species. <i>Freshwater Biology</i> , <b>2017</b> , 62, 906-915	5.1	13
151	Combined physical, chemical and biological factors shape <i>Alexandrium ostenfeldii</i> blooms in The Netherlands. <i>Harmful Algae</i> , <b>2017</b> , 63, 146-153	5.3	20
150	Species sorting and stoichiometric plasticity control community C:P ratio of first-order aquatic consumers. <i>Ecology Letters</i> , <b>2017</b> , 20, 751-760	10	17
149	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. <i>Environmental Microbiology</i> , <b>2017</b> , 19, 3802-3822	5.2	91
148	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> , <b>2017</b> , 141, 29-38	1.8	32

147	Growth strategy, phylogeny and stoichiometry determine the allelopathic potential of native and non-native plants. <i>Oikos</i> , <b>2017</b> , 126, 1770-1779	4	18
146	Environmental risk assessment for invasive alien species: A case study of apple snails affecting ecosystem services in Europe. <i>Environmental Impact Assessment Review</i> , <b>2017</b> , 65, 1-11	5.3	28
145	Cross continental increase in methane ebullition under climate change. <i>Nature Communications</i> , <b>2017</b> , 8, 1682	17.4	88
144	Impact of Temperature and Nutrients on Carbon: Nutrient Tissue Stoichiometry of Submerged Aquatic Plants: An Experiment and Meta-Analysis. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 655	6.2	27
143	Changes in N:P Supply Ratios Affect the Ecological Stoichiometry of a Toxic Cyanobacterium and Its Fungal Parasite. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1015	5.7	21
142	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> , <b>2016</b> , 113, E8089-E8095	11.5	69
141	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> , <b>2016</b> , 238, 91-105	3.5	19
140	Lake restoration by in-lake iron addition: a synopsis of iron impact on aquatic organisms and shallow lake ecosystems. <i>Aquatic Ecology</i> , <b>2016</b> , 50, 121-135	1.9	35
139	Warming accelerates termination of a phytoplankton spring bloom by fungal parasites. <i>Global Change Biology</i> , <b>2016</b> , 22, 299-309	11.4	47
138	The influence of balanced and imbalanced resource supply on biodiversity-functioning relationship across ecosystems. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	35
137	Fighting internal phosphorus loading: An evaluation of the large scale application of gradual Fe-addition to a shallow peat lake. <i>Ecological Engineering</i> , <b>2015</b> , 83, 78-89	3.9	33
136	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> , <b>2015</b> , 4,	3.3	45
135	Comparison of predator-prey interactions with and without intraguild predation by manipulation of the nitrogen source. <i>Oikos</i> , <b>2014</b> , 123, 423-432	4	16
134	Community stoichiometry in a changing world: combined effects of warming and eutrophication on phytoplankton dynamics. <i>Ecology</i> , <b>2014</b> , 95, 1485-95	4.6	72
133	Coupled human and natural system dynamics as key to the sustainability of Lake Victoria's ecosystem services. <i>Ecology and Society</i> , <b>2014</b> , 19,	4.1	43
132	Food quality dominates the impact of food quantity on <i>Daphnia</i> life history: possible implications for re-oligotrophication. <i>Inland Waters</i> , <b>2014</b> , 4, 363-368	2.4	10
131	Epiphytic Diatoms along Environmental Gradients in Western European Shallow Lakes. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 229-235	1.6	18
130	Dynamics and limitations of phytoplankton biomass along a gradient in Mwanza Gulf, southern Lake Victoria (Tanzania). <i>Freshwater Biology</i> , <b>2014</b> , 59, 127-141	3.1	20

129	Biological control of toxic cyanobacteria by mixotrophic predators: an experimental test of intraguild predation theory <b>2014</b> , 24, 1235-49		21
128	Rising CO <sub>2</sub> levels will intensify phytoplankton blooms in eutrophic and hypertrophic lakes. <i>PLoS ONE</i> , <b>2014</b> , 9, e104325	3.7	115
127	Iron addition as a measure to restore water quality: Implications for macrophyte growth. <i>Aquatic Botany</i> , <b>2014</b> , 116, 44-52	1.8	22
126	Elevated CO <sub>2</sub> concentrations affect the elemental stoichiometry and species composition of an experimental phytoplankton community. <i>Freshwater Biology</i> , <b>2013</b> , 58, 597-611	3.1	58
125	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> , <b>2013</b> , 2, 9	3.3	11
124	Iron addition as a shallow lake restoration measure: impacts on charophyte growth. <i>Hydrobiologia</i> , <b>2013</b> , 710, 241-251	2.4	23
123	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the comment by Sarmento, Amado & Descy, ). <i>Freshwater Biology</i> , <b>2013</b> , 58, 2211-2213	3.1	11
122	Restoring macrophyte diversity in shallow temperate lakes: biotic versus abiotic constraints. <i>Hydrobiologia</i> , <b>2013</b> , 710, 23-37	2.4	116
121	Spatiotemporal variation in the distribution of chytrid parasites in diatom host populations. <i>Freshwater Biology</i> , <b>2013</b> , 58, 523-537	3.1	24
120	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> , <b>2013</b> , 171, 175-186	2.9	23
119	Plankton dynamics under different climatic conditions in space and time. <i>Freshwater Biology</i> , <b>2013</b> , 58, 463-482	3.1	177
118	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. <i>BioScience</i> , <b>2013</b> , 63, 35-42	5.7	26
117	Mixotrophic organisms become more heterotrophic with rising temperature. <i>Ecology Letters</i> , <b>2013</b> , 16, 225-33	10	108
116	Alternative states and population crashes in a resource-susceptible-infected model for planktonic parasites and hosts. <i>Freshwater Biology</i> , <b>2013</b> , 58, 538-551	3.1	17
115	Chytrid epidemics may increase genetic diversity of a diatom spring-bloom. <i>ISME Journal</i> , <b>2013</b> , 7, 2057-2069	1.9	36
114	Temperature alters host genotype-specific susceptibility to chytrid infection. <i>PLoS ONE</i> , <b>2013</b> , 8, e71737	3.7	26
113	Effects of Suspended Sediments on Seston Food Quality for Zebra Mussels in Lake Markermeer, The Netherlands. <i>Inland Waters</i> , <b>2013</b> , 3, 437-450	2.4	10
112	GENOTYPE-BY-TEMPERATURE INTERACTIONS MAY HELP TO MAINTAIN CLONAL DIVERSITY IN <i>ASTERIONELLA FORMOSA</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , <b>2012</b> , 48, 1197-208	3	20

111	Beyond the Plankton Ecology Group (PEG) Model: Mechanisms Driving Plankton Succession. <i>Annual Review of Ecology, Evolution, and Systematics</i> , <b>2012</b> , 43, 429-448	13.5	393
110	Restoration of Freshwater Lakes <b>2012</b> , 233-247		2
109	Warmer climates boost cyanobacterial dominance in shallow lakes. <i>Global Change Biology</i> , <b>2012</b> , 18, 118-126	11.4	501
108	Chytrid infections and diatom spring blooms: paradoxical effects of climate warming on fungal epidemics in lakes. <i>Freshwater Biology</i> , <b>2011</b> , 56, 754-766	3.1	69
107	Reversal in competitive dominance of a toxic versus non-toxic cyanobacterium in response to rising CO <sub>2</sub> . <i>ISME Journal</i> , <b>2011</b> , 5, 1438-50	11.9	151
106	Effects of nutrient additions and macrophyte composition on invertebrate community assembly and diversity in experimental ponds. <i>Basic and Applied Ecology</i> , <b>2011</b> , 12, 466-475	3.2	44
105	Parasitic chytrids could promote copepod survival by mediating material transfer from inedible diatoms. <i>Hydrobiologia</i> , <b>2011</b> , 659, 49-54	2.4	38
104	Induced defences in marine and freshwater phytoplankton: a review. <i>Hydrobiologia</i> , <b>2011</b> , 668, 3-19	2.4	159
103	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> , <b>2010</b> , 74, 430-8	4.3	44
102	Climate-driven changes in the ecological stoichiometry of aquatic ecosystems. <i>Frontiers in Ecology and the Environment</i> , <b>2010</b> , 8, 145-152	5.5	145
101	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> , <b>2010</b> , 33, 1255-1262	2	17
100	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> , <b>2010</b> , 644, 159-168	2.4	14
99	Combined and single effects of pesticide carbaryl and toxic <i>Microcystis aeruginosa</i> on the life history of <i>Daphnia pulex</i> . <i>Hydrobiologia</i> , <b>2010</b> , 643, 129-138	2.4	28
98	Effect of macrophyte community composition and nutrient enrichment on plant biomass and algal blooms. <i>Basic and Applied Ecology</i> , <b>2010</b> , 11, 432-439	3.2	70
97	Microcystins do not provide anti-herbivore defence against mixotrophic flagellates. <i>Aquatic Microbial Ecology</i> , <b>2010</b> , 59, 207-216	1.1	34
96	Lakes as sentinels of climate change. <i>Limnology and Oceanography</i> , <b>2009</b> , 54, 2283-2297	4.8	952
95	Assessing ecological quality of shallow lakes: Does knowledge of transparency suffice?. <i>Basic and Applied Ecology</i> , <b>2009</b> , 10, 89-96	3.2	29
94	Interaction between the macrophyte <i>Stratiotes aloides</i> and filamentous algae: does it indicate allelopathy?. <i>Aquatic Ecology</i> , <b>2009</b> , 43, 305-312	1.9	23

93	Algal defenses, population stability, and the risk of herbivore extinctions: a chemostat model and experiment. <i>Ecological Research</i> , <b>2009</b> , 24, 1145-1153	1.9	13
92	The effect of a mixotrophic chrysophyte on toxic and colony-forming cyanobacteria. <i>Freshwater Biology</i> , <b>2009</b> , 54, 1843-1855	3.1	31
91	The ecological stoichiometry of toxins produced by harmful cyanobacteria: an experimental test of the carbon-nutrient balance hypothesis. <i>Ecology Letters</i> , <b>2009</b> , 12, 1326-35	10	154
90	The ghost of herbivory past: slow defence relaxation in the chlorophyte <i>Scenedesmus obliquus</i> . <i>Journal of Limnology</i> , <b>2009</b> , 68, 327	1.5	16
89	Re-oligotrophication by phosphorus reduction and effects on seston quality in lakes. <i>Limnologica</i> , <b>2008</b> , 38, 189-202	2	22
88	Lake restoration studies: Failures, bottlenecks and prospects of new ecotechnological measures. <i>Limnologica</i> , <b>2008</b> , 38, 233-247	2	125
87	Effects of nutrients and fish on periphyton and plant biomass across a European latitudinal gradient. <i>Aquatic Ecology</i> , <b>2008</b> , 42, 561-574	1.9	36
86	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> , <b>2008</b> , 55, 69-74	3.6	36
85	Chemical information transfer in freshwater plankton. <i>Ecological Informatics</i> , <b>2007</b> , 2, 112-120	4.2	57
84	Relaxed circadian rhythm in zooplankton along a latitudinal gradient. <i>Oikos</i> , <b>2007</b> , 116, 585-591	4	13
83	Macrophyte-phytoplankton interactions: The relative importance of allelopathy versus other factors. <i>Ecological Modelling</i> , <b>2007</b> , 204, 85-92	3	73
82	Daphnia growth rates in arctic ponds: limitation by nutrients or carbon?. <i>Polar Biology</i> , <b>2007</b> , 30, 235-242		13
81	Grazing on microcystin-producing and microcystin-free phytoplankters by different filter-feeders: implications for lake restoration. <i>Aquatic Sciences</i> , <b>2007</b> , 69, 534-543	2.5	30
80	Parasitic chytrids: their effects on phytoplankton communities and food-web dynamics. <i>Hydrobiologia</i> , <b>2007</b> , 578, 113-129	2.4	228
79	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> , <b>2007</b> , 584, 191-204	2.4	35
78	Allelopathic activity of <i>Stratiotes aloides</i> on phytoplankton: towards identification of allelopathic substances. <i>Hydrobiologia</i> , <b>2007</b> , 584, 89-100	2.4	62
77	The influence of <i>Myriophyllum verticillatum</i> and artificial plants on some life history parameters of <i>Daphnia magna</i> . <i>Aquatic Ecology</i> , <b>2007</b> , 41, 263-271	1.9	14
76	Goose-mediated nutrient enrichment and planktonic grazer control in Arctic freshwater ponds. <i>Oecologia</i> , <b>2007</b> , 153, 653-62	2.9	40

75	The parasitic chytrid, Zygorhizidium, facilitates the growth of the cladoceran zooplankter, Daphnia, in cultures of the inedible alga, Asterionella. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 1561-6	4.4	99
74	Allelopathic activity of <i>Stratiotes aloides</i> on phytoplankton towards identification of allelopathic substances <b>2007</b> , 89-100		1
73	Contrasting life history responses to fish released infochemicals of two co-occurring <i>Daphnia</i> species that show different migration behaviour. <i>Archiv Für Hydrobiologie</i> , <b>2006</b> , 167, 89-100		4
72	Center Stage: The Crucial Role of Macrophytes in Regulating Trophic Interactions in Shallow Lake Wetlands. <i>Ecological Studies</i> , <b>2006</b> , 37-59	1.1	39
71	Infochemicals structure marine, terrestrial and freshwater food webs: Implications for ecological informatics. <i>Ecological Informatics</i> , <b>2006</b> , 1, 23-32	4.2	51
70	Allelopathic effect of the aquatic macrophyte, <i>Stratiotes aloides</i> , on natural phytoplankton. <i>Freshwater Biology</i> , <b>2006</b> , 51, 554-561	3.1	60
69	The effects of biomanipulation on the biogeochemistry, carbon isotopic composition and pelagic food web relations of a shallow lake. <i>Biogeosciences</i> , <b>2006</b> , 3, 69-83	4.6	21
68	Food-Web Interactions in Lakes <b>2006</b> , 145-160		4
67	Grazing on colonial and filamentous, toxic and non-toxic cyanobacteria by the zebra mussel <i>Dreissena polymorpha</i> . <i>Journal of Plankton Research</i> , <b>2005</b> , 27, 331-339	2.2	50
66	Comparing grazing on lake seston by <i>Dreissena</i> and <i>Daphnia</i> : lessons for biomanipulation. <i>Microbial Ecology</i> , <b>2005</b> , 50, 242-52	4.4	32
65	Vulnerability of <i>Asterionella formosa</i> to <i>Daphnia</i> grazing: impact of a fungal parasite. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , <b>2005</b> , 29, 350-354		0
64	Planktonic interactions: developments and perspectives. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , <b>2005</b> , 29, 61-72		4
63	Seasonal seston stoichiometry: effects on zooplankton in cyanobacteria-dominated lakes. <i>Journal of Plankton Research</i> , <b>2005</b> , 27, 449-460	2.2	35
62	Response of zooplankton to nutrient enrichment and fish in shallow lakes: a pan-European mesocosm experiment. <i>Freshwater Biology</i> , <b>2004</b> , 49, 1619-1632	3.1	51
61	Effects of fish and nutrient additions on food-web stability in a charophyte-dominated lake. <i>Freshwater Biology</i> , <b>2004</b> , 49, 1565-1573	3.1	21
60	Continental-scale patterns of nutrient and fish effects on shallow lakes: introduction to a pan-European mesocosm experiment. <i>Freshwater Biology</i> , <b>2004</b> , 49, 1517-1524	3.1	54
59	Responses of phytoplankton to fish predation and nutrient loading in shallow lakes: a pan-European mesocosm experiment. <i>Freshwater Biology</i> , <b>2004</b> , 49, 1608-1618	3.1	31
58	HOST PARASITE INTERACTIONS BETWEEN FRESHWATER PHYTOPLANKTON AND CHYTRID FUNGI (CHYTRIDIOMYCOTA)1. <i>Journal of Phycology</i> , <b>2004</b> , 40, 437-453	3	182

57	GENETIC VARIATION IN ASTERIONELLA FORMOSA (BACILLARIOPHYCEAE): IS IT LINKED TO FREQUENT EPIDEMICS OF HOST-SPECIFIC PARASITIC FUNGI?1. <i>Journal of Phycology</i> , <b>2004</b> , 40, 823-830	3	41
56	INDUCIBLE COLONY FORMATION WITHIN THE SCENEDESMACEAE: ADAPTIVE RESPONSES TO INFOCHEMICALS FROM TWO DIFFERENT HERBIVORE TAXA1. <i>Journal of Phycology</i> , <b>2004</b> , 40, 808-814	3	54
55	Assimilation and depuration of microcystin-LR by the zebra mussel, <i>Dreissena polymorpha</i> . <i>Aquatic Toxicology</i> , <b>2004</b> , 69, 385-96	5.1	97
54	Daphnia can protect diatoms from fungal parasitism. <i>Limnology and Oceanography</i> , <b>2004</b> , 49, 680-685	4.8	78
53	Colony formation in Scenedesmus: a literature overview and further steps towards the chemical characterisation of the Daphnia kairomone. <i>Hydrobiologia</i> , <b>2003</b> , 491, 241-254	2.4	28
52	Factors controlling hydrochemical and trophic state variables in 86 shallow lakes in Europe. <i>Hydrobiologia</i> , <b>2003</b> , 506-509, 51-58	2.4	42
51	The determination of ecological status in shallow lakes in a tested system (ECOFRAME) for implementation of the European Water Framework Directive. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2003</b> , 13, 507-549	2.6	222
50	Impact of White bacterial disease on a Daphnia magna population. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , <b>2002</b> , 28, 303-306		
49	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> , <b>2002</b> , 47, 2380-2387	3.1	40
48	Lakes in the Netherlands, their origin, eutrophication and restoration: state-of-the-art review*. <i>Hydrobiologia</i> , <b>2002</b> , 478, 73-106	2.4	231
47	Impact of submerged macrophytes including charophytes on phyto- and zooplankton communities: allelopathy versus other mechanisms. <i>Aquatic Botany</i> , <b>2002</b> , 72, 261-274	1.8	421
46	Lakes in the Netherlands, their origin, eutrophication and restoration: state-of-the-art review <b>2002</b> , 73-106		6
45	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> , <b>2001</b> , 46, 1871-1880	4.8	46
44	Daphnia food limitation in three hypereutrophic Dutch lakes: Evidence for exclusion of large-bodied species by interfering filaments of cyanobacteria. <i>Limnology and Oceanography</i> , <b>2001</b> , 46, 2054-2060	4.8	131
43	SEQUENCE ANALYSIS OF THE ITS-2 REGION: A TOOL TO IDENTIFY STRAINS OF SCENEDESMUS (CHLOROPHYCEAE). <i>Journal of Phycology</i> , <b>2000</b> , 36, 605-607	3	17
42	Grazer-induced colony formation in Scenedesmus: are there costs to being colonial?. <i>Oikos</i> , <b>2000</b> , 88, 111-118	4	79
41	Impact of the fungicide carbendazim in freshwater microcosms. II. Zooplankton, primary producers and final conclusions. <i>Aquatic Toxicology</i> , <b>2000</b> , 48, 251-264	5.1	164
40	Effects of artificial ultraviolet-B radiation on experimental aquatic microcosms. <i>Freshwater Biology</i> , <b>1999</b> , 42, 545-560	3.1	15

39	A model study on the stability of the macrophyte-dominated state as affected by biological factors. <i>Water Research</i> , <b>1998</b> , 32, 2696-2706	12.5	29
38	Switches Between Clear and Turbid Water States in a Biomanipulated Lake (1986-1996): The Role of Herbivory on Macrophytes. <i>Ecological Studies</i> , <b>1998</b> , 290-297	1.1	17
37	Control of Volvox blooms by Hertwigia, a rotifer. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , <b>1998</b> , 26, 1781-1784		
36	Nutrient-Loading Gradient in Shallow Lakes: Report of the Group Discussion. <i>Ecological Studies</i> , <b>1998</b> , 393-396	1.1	4
35	Impact of Herbivory on Plant Standing Crop: Comparisons Among Biomes, Between Vascular and Nonvascular Plants, and Among Freshwater Herbivore Taxa. <i>Ecological Studies</i> , <b>1998</b> , 149-174	1.1	82
34	Morphological changes in Scenedesmus induced by infochemicals released in situ from zooplankton grazers. <i>Limnology and Oceanography</i> , <b>1997</b> , 42, 783-788	4.8	79
33	Sensitivity of macrophyte-dominated freshwater microcosms to chronic levels of the herbicide linuron. I. Primary producers. <i>Ecotoxicology and Environmental Safety</i> , <b>1997</b> , 38, 13-24	7	61
32	Effects of UVB-irradiated algae on life history traits of Daphnia pulex. <i>Freshwater Biology</i> , <b>1997</b> , 38, 711-720	3.20	50
31	UV-induced changes in phytoplankton cells and its effects on grazers. <i>Freshwater Biology</i> , <b>1997</b> , 38, 513-524	3.24	113
30	Zooplankton-induced unicell-colony transformation in Scenedesmus acutus and its effect on growth of herbivore Daphnia. <i>Oecologia</i> , <b>1996</b> , 108, 432-437	2.9	80
29	A multivariate analysis of phytoplankton and food web changes in a shallow biomanipulated lake. <i>Freshwater Biology</i> , <b>1996</b> , 36, 683-696	3.1	26
28	Effects of grazing by fish and waterfowl on the biomass and species composition of submerged macrophytes. <i>Hydrobiologia</i> , <b>1996</b> , 340, 285-290	2.4	76
27	Effects of Grazing by Fish and Waterfowl on the Biomass and Species Composition of Submerged Macrophytes <b>1996</b> , 285-290		3
26	Reduced digestibility of UV-B stressed and nutrient-limited algae by Daphnia magna. <i>Hydrobiologia</i> , <b>1995</b> , 307, 147-151	2.4	54
25	Growth responses, P-uptake and loss of flagellae in Chlamydomonas reinhardtii exposed to UV-B. <i>Journal of Plankton Research</i> , <b>1995</b> , 17, 17-27	2.2	61
24	Effects of chronic low concentrations of the pesticides chlorpyrifos and atrazine in indoor freshwater microcosms. <i>Chemosphere</i> , <b>1995</b> , 31, 3181-3200	8.4	59
23	Reduced digestibility of UV-B stressed and nutrient-limited algae by Daphnia magna <b>1995</b> , 147-151		
22	In situ measurement of algal growth potential in aquatic ecosystems by immobilized algae. <i>Journal of Applied Phycology</i> , <b>1994</b> , 6, 301-308	3.2	37

21	Effects of UV-radiation of humic water on primary and secondary production. <i>Water, Air, and Soil Pollution</i> , <b>1994</b> , 75, 325-338	2.6	26
20	Growth and nutrient uptake by two species of Elodea in experimental conditions and their role in nutrient accumulation in a macrophyte-dominated lake <b>1993</b> , 13-18		4
19	Growth and nutrient uptake by two species of Elodea in experimental conditions and their role in nutrient accumulation in a macrophyte-dominated lake. <i>Hydrobiologia</i> , <b>1993</b> , 251, 13-18	2.4	48
18	Macrophyte-related shifts in the nitrogen and phosphorus contents of the different trophic levels in a biomanipulated shallow lake. <i>Hydrobiologia</i> , <b>1993</b> , 251, 19-26	2.4	137
17	Grazing resistance in nutrient-stressed phytoplankton. <i>Oecologia</i> , <b>1993</b> , 93, 508-511	2.9	122
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15	P-load, phytoplankton, zooplankton and fish stock in Loosdrecht Lake and Tjeukemeer: confounding effects of predation and food availability. <i>Hydrobiologia</i> , <b>1992</b> , 233, 87-94	2.4	18
14	Changes in community structure and growth limitation of phytoplankton due to top-down food-web manipulation. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , <b>1991</b> , 24, 773-778		2
13	TEMPERATURE EFFECTS ON SILICON- AND PHOSPHORUS-LIMITED GROWTH AND COMPETITIVE INTERACTIONS AMONG THREE DIATOMS <sup>1</sup> . <i>Journal of Phycology</i> , <b>1990</b> , 26, 40-50	3	112
12	Can macrophytes be useful in biomanipulation of lakes? The Lake Zwemlust example. <i>Hydrobiologia</i> , <b>1990</b> , 200-201, 399-407	2.4	136
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