Ellen van Donk

List of Publications by Citations

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	Lakes as sentinels of climate change. *Limnology and Oceanography*, **2009**, 54, 2283-2297	4.8	952
163	Warmer climates boost cyanobacterial dominance in shallow lakes. *Global Change Biology*, **2012**, 18, 118-126	11.4	501
162	Impact of submerged macrophytes including charophytes on phyto- and zooplankton communities: allelopathy versus other mechanisms. *Aquatic Botany*, **2002**, 72, 261-274	1.8	421
161	Beyond the Plankton Ecology Group (PEG) Model: Mechanisms Driving Plankton Succession. *Annual Review of Ecology, Evolution, and Systematics*, **2012**, 43, 429-448	13.5	393
160	Lakes in the Netherlands, their origin, eutrophication and restoration: state-of-the-art review*. *Hydrobiologia*, **2002**, 478, 73-106	2.4	231
159	Parasitic chytrids: their effects on phytoplankton communities and food-web dynamics. *Hydrobiologia*, **2007**, 578, 113-129	2.4	228
158	The determination of ecological status in shallow lakes a tested system (ECOFRAME) for implementation of the European Water Framework Directive. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2003**, 13, 507-549	2.6	222
157	Morphological changes in Scenedesmus induced by substances released from Daphnia. *Archiv F Hydrobiologie*, **1993**, 127, 129-140		186
156	HOST PARASITE INTERACTIONS BETWEEN FRESHWATER PHYTOPLANKTON AND CHYTRID FUNGI (CHYTRIDIOMYCOTA)1. *Journal of Phycology*, **2004**, 40, 437-453	3	182
155	Plankton dynamics under different climatic conditions in space and time. *Freshwater Biology*, **2013**, 58, 463-482	3.1	177
154	Impact of the fungicide carbendazim in freshwater microcosms. II. Zooplankton, primary producers and final conclusions. *Aquatic Toxicology*, **2000**, 48, 251-264	5.1	164
153	Induced defences in marine and freshwater phytoplankton: a review. *Hydrobiologia*, **2011**, 668, 3-19	2.4	159
152	The ecological stoichiometry of toxins produced by harmful cyanobacteria: an experimental test of the carbon-nutrient balance hypothesis. *Ecology Letters*, **2009**, 12, 1326-35	10	154
151	Reversal in competitive dominance of a toxic versus non-toxic cyanobacterium in response to rising CO2. *ISME Journal*, **2011**, 5, 1438-50	11.9	151
150	Climate-driven changes in the ecological stoichiometry of aquatic ecosystems. *Frontiers in Ecology and the Environment*, **2010**, 8, 145-152	5.5	145
149	Macrophyte-related shifts in the nitrogen and phosphorus contents of the different trophic levels in a biomanipulated shallow lake. *Hydrobiologia*, **1993**, 251, 19-26	2.4	137
148	Can macrophytes be useful in biomanipulation of lakes? The Lake Zwemlust example. *Hydrobiologia* , **1990**, 200-201, 399-407	2.4	136

147	Daphnia food limitation in three hypereutrophic Dutch lakes: Evidence for exclusion of large-bodied species by interfering filaments of cyanobacteria. *Limnology and Oceanography*, **2001**, 46, 2054-2060	4.8	131
146	Lake restoration studies: Failures, bottlenecks and prospects of new ecotechnological measures. *Limnologica*, **2008**, 38, 233-247	2	125
145	Grazing resistance in nutrient-stressed phytoplankton. *Oecologia*, **1993**, 93, 508-511	2.9	122
144	Restoring macrophyte diversity in shallow temperate lakes: biotic versus abiotic constraints. *Hydrobiologia*, **2013**, 710, 23-37	2.4	116
143	Rising CO2 levels will intensify phytoplankton blooms in eutrophic and hypertrophic lakes. *PLoS ONE*, **2014**, 9, e104325	3.7	115
142	UV-induced changes in phytoplankton cells and its effects on grazers. *Freshwater Biology*, **1997**, 38, 513-524	3.1	113
141	TEMPERATURE EFFECTS ON SILICON- AND PHOSPHORUS-LIMITED GROWTH AND COMPETITIVE INTERACTIONS AMONG THREE DIATOMS1. *Journal of Phycology*, **1990**, 26, 40-50	3	112
140	Mixotrophic organisms become more heterotrophic with rising temperature. *Ecology Letters*, **2013**, 16, 225-33	10	108
139	The effect of fungal parasitism on the succession of diatoms in Lake Maarsseveen I (The Netherlands). *Freshwater Biology*, **1983**, 13, 241-251	3.1	100
138	The parasitic chytrid, Zygorhizidium, facilitates the growth of the cladoceran zooplankter, Daphnia, in cultures of the inedible alga, Asterionella. *Proceedings of the Royal Society B: Biological Sciences*, **2007**, 274, 1561-6	4.4	99
137	Assimilation and depuration of microcystin-LR by the zebra mussel, Dreissena polymorpha. *Aquatic Toxicology*, **2004**, 69, 385-96	5.1	97
136	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. *Environmental Microbiology*, **2017**, 19, 3802-3822	5.2	91
135	Cross continental increase in methane ebullition under climate change. *Nature Communications*, **2017**, 8, 1682	17.4	88
134	Impact of Herbivory on Plant Standing Crop: Comparisons Among Biomes, Between Vascular and Nonvascular Plants, and Among Freshwater Herbivore Taxa. *Ecological Studies*, **1998**, 149-174	1.1	82
133	Zooplankton-induced unicell-colony transformation in Scenedesmus acutus and its effect on growth of herbivore Daphnia. *Oecologia*, **1996**, 108, 432-437	2.9	80
132	Morphological changes in Scenedesmus induced by infochemicals released in situ from zooplankton grazers. *Limnology and Oceanography*, **1997**, 42, 783-788	4.8	79
131	Grazer-induced colony formation in Scenedesmus: are there costs to being colonial?. *Oikos*, **2000**, 88, 111-118	4	79
130	Daphnia can protect diatoms from fungal parasitism. *Limnology and Oceanography*, **2004**, 49, 680-685	4.8	78

129	Effects of grazing by fish and waterfowl on the biomass and species composition of submerged macrophytes. *Hydrobiologia*, **1996**, 340, 285-290	2.4	76
128	Macrophyte–phytoplankton interactions: The relative importance of allelopathy versus other factors. *Ecological Modelling*, **2007**, 204, 85-92	3	73
127	Community stoichiometry in a changing world: combined effects of warming and eutrophication on phytoplankton dynamics. *Ecology*, **2014**, 95, 1485-95	4.6	72
126	Effect of macrophyte community composition and nutrient enrichment on plant biomass and algal blooms. *Basic and Applied Ecology*, **2010**, 11, 432-439	3.2	70
125	Evaluating early-warning indicators of critical transitions in natural aquatic ecosystems. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E8089-E8095	11.5	69
124	Chytrid infections and diatom spring blooms: paradoxical effects of climate warming on fungal epidemics in lakes. *Freshwater Biology*, **2011**, 56, 754-766	3.1	69
123	Allelopathic activity of Stratiotes aloides on phytoplankton–towards identification of allelopathic substances. *Hydrobiologia*, **2007**, 584, 89-100	2.4	62
122	Sensitivity of macrophyte-dominated freshwater microcosms to chronic levels of the herbicide linuron. I. Primary producers. *Ecotoxicology and Environmental Safety*, **1997**, 38, 13-24	7	61
121	Growth responses, P-uptake and loss of flagellae in Chlamydomonas reinhardtii exposed to UV-B. *Journal of Plankton Research*, **1995**, 17, 17-27	2.2	61
120	Allelopathic effect of the aquatic macrophyte, Stratiotes aloides, on natural phytoplankton. *Freshwater Biology*, **2006**, 51, 554-561	3.1	60
119	Effects of chronic low concentrations of the pesticides chlorpyrifos and atrazine in indoor freshwater microcosms. *Chemosphere*, **1995**, 31, 3181-3200	8.4	59
118	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. *Frontiers in Plant Science*, **2018**, 9, 194	6.2	58
117	Elevated CO2 concentrations affect the elemental stoichiometry and species composition of an experimental phytoplankton community. *Freshwater Biology*, **2013**, 58, 597-611	3.1	58
116	Chemical information transfer in freshwater plankton. *Ecological Informatics*, **2007**, 2, 112-120	4.2	57
115	Continental-scale patterns of nutrient and fish effects on shallow lakes: introduction to a pan-European mesocosm experiment. *Freshwater Biology*, **2004**, 49, 1517-1524	3.1	54
114	INDUCIBLE COLONY FORMATION WITHIN THE SCENEDESMACEAE: ADAPTIVE RESPONSES TO INFOCHEMICALS FROM TWO DIFFERENT HERBIVORE TAXA1. *Journal of Phycology*, **2004**, 40, 808-814	3	54
113	Reduced digestibility of UV-B stressed and nutrient-limited algae by Daphnia magna. *Hydrobiologia*, **1995**, 307, 147-151	2.4	54
112	Infochemicals structure marine, terrestrial and freshwater food webs: Implications for ecological informatics. *Ecological Informatics*, **2006**, 1, 23-32	4.2	51

111	Response of zooplankton to nutrient enrichment and fish in shallow lakes: a pan-European mesocosm experiment. *Freshwater Biology*, **2004**, 49, 1619-1632	3.1	51
110	Effects of UVB-irradiated algae on life history traits of Daphnia pulex. *Freshwater Biology*, **1997**, 38, 711-720	3.1	50
109	Grazing on colonial and filamentous, toxic and non-toxic cyanobacteria by the zebra mussel Dreissena polymorpha. *Journal of Plankton Research*, **2005**, 27, 331-339	2.2	50
108	Growth and nutrient uptake by two species of Elodea in experimental conditions and their role in nutrient accumulation in a macrophyte-dominated lake. *Hydrobiologia*, **1993**, 251, 13-18	2.4	48
107	Warming accelerates termination of a phytoplankton spring bloom by fungal parasites. *Global Change Biology*, **2016**, 22, 299-309	11.4	47
106	Effects of dietary phosphorus deficiency on the abundance, phosphorus balance, and growth of Daphnia cucullata in three hypereutrophic Dutch lakes. *Limnology and Oceanography*, **2001**, 46, 1871-1880	4.8	46
105	What is the influence of a reduction of planktivorous and benthivorous fish on water quality in temperate eutrophic lakes? A systematic review. *Environmental Evidence*, **2015**, 4,	3.3	45
104	Hydrophyte-macroinvertebrate interactions in Zwemlust, a lake undergoing biomanipulation. *Hydrobiologia*, **1990**, 200-201, 467-474	2.4	45
103	Effects of nutrient additions and macrophyte composition on invertebrate community assembly and diversity in experimental ponds. *Basic and Applied Ecology*, **2011**, 12, 466-475	3.2	44
102	Pulsed nitrogen supply induces dynamic changes in the amino acid composition and microcystin production of the harmful cyanobacterium Planktothrix agardhii. *FEMS Microbiology Ecology*, **2010**, 74, 430-8	4.3	44
101	Coupled human and natural system dynamics as key to the sustainability of Lake Victoria’s ecosystem services. *Ecology and Society*, **2014**, 19,	4.1	43
100	Warming advances top-down control and reduces producer biomass in a freshwater plankton community. *Ecosphere*, **2017**, 8, e01651	3.1	42
99	Factors controlling hydrochemical and trophic state variables in 86 shallow lakes in Europe. *Hydrobiologia*, **2003**, 506-509, 51-58	2.4	42
98	GENETIC VARIATION IN ASTERIONELLA FORMOSA (BACILLARIOPHYCEAE): IS IT LINKED TO FREQUENT EPIDEMICS OF HOST-SPECIFIC PARASITIC FUNGI?1. *Journal of Phycology*, **2004**, 40, 823-830	3	41
97	The first biomanipulation conference: a synthesis. *Hydrobiologia*, **1990**, 200-201, 619-627	2.4	41
96	Goose-mediated nutrient enrichment and planktonic grazer control in Arctic freshwater ponds. *Oecologia*, **2007**, 153, 653-62	2.9	40
95	Short-term and long-term effects of zooplanktivorous fish removal in a shallow lake: a synthesis of 15 years of data from Lake Zwemlust. *Freshwater Biology*, **2002**, 47, 2380-2387	3.1	40
94	Center Stage: The Crucial Role of Macrophytes in Regulating Trophic Interactions in Shallow Lake Wetlands. *Ecological Studies*, **2006**, 37-59	1.1	39

93	Parasitic chytrids could promote copepod survival by mediating material transfer from inedible diatoms. *Hydrobiologia*, **2011**, 659, 49-54	2.4	38
92	The Role of Fungal Parasites in Phytoplankton Succession. *Brock/Springer Series in Contemporary Bioscience*, **1989**, 171-194		38
91	In situ measurement of algal growth potential in aquatic ecosystems by immobilized algae. *Journal of Applied Phycology*, **1994**, 6, 301-308	3.2	37
90	Chytrid epidemics may increase genetic diversity of a diatom spring-bloom. *ISME Journal*, **2013**, 7, 2057-9	11.9	36
89	Effects of nutrients and fish on periphyton and plant biomass across a European latitudinal gradient. *Aquatic Ecology*, **2008**, 42, 561-574	1.9	36
88	Adaptation of the fungal parasite Zygorhizidium planktonicum during 200 generations of growth on homogeneous and heterogeneous populations of its host, the diatom Asterionella formosa. *Journal of Eukaryotic Microbiology*, **2008**, 55, 69-74	3.6	36
87	Lake restoration by in-lake iron addition: a synopsis of iron impact on aquatic organisms and shallow lake ecosystems. *Aquatic Ecology*, **2016**, 50, 121-135	1.9	35
86	Functional response of Anodonta anatina feeding on a green alga and four strains of cyanobacteria, differing in shape, size and toxicity. *Hydrobiologia*, **2007**, 584, 191-204	2.4	35
85	Seasonal seston stoichiometry: effects on zooplankton in cyanobacteria-dominated lakes. *Journal of Plankton Research*, **2005**, 27, 449-460	2.2	35
84	The influence of balanced and imbalanced resource supply on biodiversity-functioning relationship across ecosystems. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2016**, 371,	5.8	35
83	Microcystins do not provide anti-herbivore defence against mixotrophic flagellates. *Aquatic Microbial Ecology*, **2010**, 59, 207-216	1.1	34
82	Fighting internal phosphorus loading: An evaluation of the large scale application of gradual Fe-addition to a shallow peat lake. *Ecological Engineering*, **2015**, 83, 78-89	3.9	33
81	Mass development of monospecific submerged macrophyte vegetation after the restoration of shallow lakes: Roles of light, sediment nutrient levels, and propagule density. *Aquatic Botany*, **2017**, 141, 29-38	1.8	32
80	Comparing grazing on lake seston by Dreissena and Daphnia: lessons for biomanipulation. *Microbial Ecology*, **2005**, 50, 242-52	4.4	32
79	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		32
78	The effect of a mixotrophic chrysophyte on toxic and colony-forming cyanobacteria. *Freshwater Biology*, **2009**, 54, 1843-1855	3.1	31
77	Responses of phytoplankton to fish predation and nutrient loading in shallow lakes: a pan-European mesocosm experiment. *Freshwater Biology*, **2004**, 49, 1608-1618	3.1	31
76	Primary producers or consumers? Increasing phytoplankton bacterivory along a gradient of lake warming and browning. *Limnology and Oceanography*, **2018**, 63, S142-S155	4.8	30

75	Grazing on microcystin-producing and microcystin-free phytoplankters by different filter-feeders: implications for lake restoration. *Aquatic Sciences*, **2007**, 69, 534-543	2.5	30
74	Assessing ecological quality of shallow lakes: Does knowledge of transparency suffice?. *Basic and Applied Ecology*, **2009**, 10, 89-96	3.2	29
73	A model study on the stability of the macrophyte-dominated state as affected by biological factors. *Water Research*, **1998**, 32, 2696-2706	12.5	29
72	Environmental risk assessment for invasive alien species: A case study of apple snails affecting ecosystem services in Europe. *Environmental Impact Assessment Review*, **2017**, 65, 1-11	5.3	28
71	Combined and single effects of pesticide carbaryl and toxic Microcystis aeruginosa on the life history of Daphnia pulicaria. *Hydrobiologia*, **2010**, 643, 129-138	2.4	28
70	Colony formation in Scenedesmus: a literature overview and further steps towards the chemical characterisation of the Daphnia kairomone. *Hydrobiologia*, **2003**, 491, 241-254	2.4	28
69	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	6.2	27
68	Soil and Freshwater and Marine Sediment Food Webs: Their Structure and Function. *BioScience*, **2013**, 63, 35-42	5.7	26
67	Temperature alters host genotype-specific susceptibility to chytrid infection. *PLoS ONE*, **2013**, 8, e71737	3.7	26
66	A multivariate analysis of phytoplankton and food web changes in a shallow biomanipulated lake. *Freshwater Biology*, **1996**, 36, 683-696	3.1	26
65	Effects of UV-radiation of humic water on primary and secondary production. *Water, Air, and Soil Pollution*, **1994**, 75, 325-338	2.6	26
64	Spatiotemporal variation in the distribution of chytrid parasites in diatom host populations. *Freshwater Biology*, **2013**, 58, 523-537	3.1	24
63	Iron addition as a shallow lake restoration measure: impacts on charophyte growth. *Hydrobiologia*, **2013**, 710, 241-251	2.4	23
62	Strong interactions between stoichiometric constraints and algal defenses: evidence from population dynamics of Daphnia and algae in phosphorus-limited microcosms. *Oecologia*, **2013**, 171, 175-86	2.9	23
61	Interaction between the macrophyte Stratiotes aloides and filamentous algae: does it indicate allelopathy?. *Aquatic Ecology*, **2009**, 43, 305-312	1.9	23
60	Fungal parasites of a toxic inedible cyanobacterium provide food to zooplankton. *Limnology and Oceanography*, **2018**, 63, 2384-2393	4.8	22
59	Iron addition as a measure to restore water quality: Implications for macrophyte growth. *Aquatic Botany*, **2014**, 116, 44-52	1.8	22
58	Re-oligotrophication by phosphorus reduction and effects on seston quality in lakes. *Limnologica*, **2008**, 38, 189-202	2	22

57	Changes in N:P Supply Ratios Affect the Ecological Stoichiometry of a Toxic Cyanobacterium and Its Fungal Parasite. *Frontiers in Microbiology*, **2017**, 8, 1015	5.7	21
56	Biological control of toxic cyanobacteria by mixotrophic predators: an experimental test of intraguild predation theory **2014**, 24, 1235-49		21
55	Effects of fish and nutrient additions on food-web stability in a charophyte-dominated lake. *Freshwater Biology*, **2004**, 49, 1565-1573	3.1	21
54	The effects of biomanipulation on the biogeochemistry, carbon isotopic composition and pelagic food web relations of a shallow lake. *Biogeosciences*, **2006**, 3, 69-83	4.6	21
53	Combined physical, chemical and biological factors shape Alexandrium ostenfeldii blooms in The Netherlands. *Harmful Algae*, **2017**, 63, 146-153	5.3	20
52	Dynamics and limitations of phytoplankton biomass along a gradient in Mwanza Gulf, southern Lake Victoria (Tanzania). *Freshwater Biology*, **2014**, 59, 127-141	3.1	20
51	GENOTYPE-BY-TEMPERATURE INTERACTIONS MAY HELP TO MAINTAIN CLONAL DIVERSITY IN ASTERIONELLA FORMOSA (BACILLARIOPHYCEAE). *Journal of Phycology*, **2012**, 48, 1197-208	3	20
50	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	3.5	19
49	Growth strategy, phylogeny and stoichiometry determine the allelopathic potential of native and non-native plants. *Oikos*, **2017**, 126, 1770-1779	4	18
48	Warming enhances sedimentation and decomposition of organic carbon in shallow macrophyte-dominated systems with zero net effect on carbon burial. *Global Change Biology*, **2018**, 24, 5231-5242	11.4	18
47	Epiphytic Diatoms along Environmental Gradients in Western European Shallow Lakes. *Clean - Soil, Air, Water*, **2014**, 42, 229-235	1.6	18
46	P-load, phytoplankton, zooplankton and fish stock in Loosdrecht Lake and Tjeukemeer: confounding effects of predation and food availability. *Hydrobiologia*, **1992**, 233, 87-94	2.4	18
45	Species sorting and stoichiometric plasticity control community C:P ratio of first-order aquatic consumers. *Ecology Letters*, **2017**, 20, 751-760	10	17
44	Alternative states and population crashes in a resource-susceptible-infected model for planktonic parasites and hosts. *Freshwater Biology*, **2013**, 58, 538-551	3.1	17
43	Maximizing growth rate at low temperatures: RNA:DNA allocation strategies and life history traits of Arctic and temperate Daphnia. *Polar Biology*, **2010**, 33, 1255-1262	2	17
42	SEQUENCE ANALYSIS OF THE ITS-2 REGION: A TOOL TO IDENTIFY STRAINS OF SCENEDESMUS (CHLOROPHYCEAE). *Journal of Phycology*, **2000**, 36, 605-607	3	17
41	Switches Between Clear and Turbid Water States in a Biomanipulated Lake (1986–1996): The Role of Herbivory on Macrophytes. *Ecological Studies*, **1998**, 290-297	1.1	17
40	Comparison of predator–prey interactions with and without intraguild predation by manipulation of the nitrogen source. *Oikos*, **2014**, 123, 423-432	4	16

39	The ghost of herbivory past: slow defence relaxation in the chlorophyte Scenedesmus obliquus. *Journal of Limnology*, **2009**, 68, 327	1.5	16
38	Effects of artificial ultraviolet-B radiation on experimental aquatic microcosms. *Freshwater Biology*, **1999**, 42, 545-560	3.1	15
37	Biotic factors in induced defence revisited: cell aggregate formation in the toxic cyanobacterium Microcystis aeruginosa PCC 7806 is triggered by spent Daphnia medium and disrupted cells. *Hydrobiologia*, **2010**, 644, 159-168	2.4	14
36	The influence of Myriophyllum verticillatum and artificial plants on some life history parameters of Daphnia magna. *Aquatic Ecology*, **2007**, 41, 263-271	1.9	14
35	Periphyton density is similar on native and non-native plant species. *Freshwater Biology*, **2017**, 62, 906-915	3.1	13
34	Algal defenses, population stability, and the risk of herbivore extinctions: a chemostat model and experiment. *Ecological Research*, **2009**, 24, 1145-1153	1.9	13
33	Relaxed circadian rhythm in zooplankton along a latitudinal gradient. *Oikos*, **2007**, 116, 585-591	4	13
32	Daphnia growth rates in arctic ponds: limitation by nutrients or carbon?. *Polar Biology*, **2007**, 30, 235-242	2	13
31	What is the influence on water quality in temperate eutrophic lakes of a reduction of planktivorous and benthivorous fish? A systematic review protocol. *Environmental Evidence*, **2013**, 2, 9	3.3	11
30	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the comment by Sarmento, Amado & Descy,). *Freshwater Biology*, **2013**, 58, 2211-2213	3.1	11
29	Interactive Effects of Rising Temperature and Nutrient Enrichment on Aquatic Plant Growth, Stoichiometry, and Palatability. *Frontiers in Plant Science*, **2020**, 11, 58	6.2	11
28	Impacts of warming on top-down and bottom-up controls of periphyton production. *Scientific Reports*, **2018**, 8, 9901	4.9	11
27	Food quality dominates the impact of food quantity on Daphnia life history: possible implications for re-oligotrophication. *Inland Waters*, **2014**, 4, 363-368	2.4	10
26	Effects of Suspended Sediments on Seston Food Quality for Zebra Mussels in Lake Markermeer, The Netherlands. *Inland Waters*, **2013**, 3, 437-450	2.4	10
25	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. *Science of the Total Environment*, **2021**, 769, 144294	10.2	8
24	Trophic position, elemental ratios and nitrogen transfer in a planktonic host-parasite-consumer food chain including a fungal parasite. *Oecologia*, **2020**, 194, 541-554	2.9	7
23	The potential of zooplankton in constraining chytrid epidemics in phytoplankton hosts. *Ecology*, **2020**, 101, e02900	4.6	7
22	Can macrophytes be useful in biomanipulation of lakes? The Lake Zwemlust example **1990**, 399-407		6

21	Lakes in the Netherlands, their origin, eutrophication and restoration: state-of-the-art review **2002**, 73-106		6
20	Direct and indirect effects of native plants and herbivores on biotic resistance to alien aquatic plant invasions. *Journal of Ecology*, **2020**, 108, 1487-1496	6	5
19	Warming advances virus population dynamics in a temperate freshwater plankton community. *Limnology and Oceanography Letters*, **2020**, 5, 295-304	7.9	4
18	Contrasting life history responses to fish released infochemicals of two co-occurring Daphnia species that show different migration behaviour. *Archiv Fü Hydrobiologie*, **2006**, 167, 89-100		4
17	Planktonic interactions: developments and perspectives. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **2005**, 29, 61-72		4
16	Growth and nutrient uptake by two species of Elodea in experimental conditions and their role in nutrient accumulation in a macrophyte-dominated lake **1993**, 13-18		4
15	Food-Web Interactions in Lakes **2006**, 145-160		4
14	Nutrient-Loading Gradient in Shallow Lakes: Report of the Group Discussion. *Ecological Studies*, **1998**, 393-396	1.1	4
13	Effects of Grazing by Fish and Waterfowl on the Biomass and Species Composition of Submerged Macrophytes **1996**, 285-290		3
12	Restoration of Freshwater Lakes **2012**, 233-247		2
11	Changes in community structure and growth limitation of phytoplankton due to top-down food-web manipulation. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **1991**, 24, 773-778		2
10	Allelopathic activity of Stratiotes aloides on phytoplankton□owards identification of allelopathic substances **2007**, 89-100		1
9	Active biological sluice management in Lake Grevelingen. *Hydrobiological Bulletin*, **1989**, 23, 85-89		1
8	Serving many masters at once: a framework for assessing ecosystem services delivered by quarry lakes. *Inland Waters*,1-17	2.4	1
7	Hydrophyte-macroinvertebrate interactions in Zwemlust, a lake undergoing biomanipulation **1990**, 467-474		1
6	The first biomanipulation conference: a synthesis **1990**, 619-628		1
5	Vulnerability of Asterionella formosa to Daphnia grazing: impact of a fungal parasite. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **2005**, 29, 350-354		0
4	Impact of □white bacterial disease□on a Daphnia magna population. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **2002**, 28, 303-306		

List of Publications

3 Control of Volvox blooms by Hertwigia, a rotifer. *Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology*, **1998**, 26, 1781-1784

2 Reduced digestibility of UV-B stressed and nutrient-limited algae by Daphnia magna **1995**, 147-151

1 Biomanipulation in Shallow Lakes: Concepts, Case Studies and Perspectives462-482