Jef Huisman

List of Publications by Citations

156 papers	16,290 citations	63 h-index	127 g-index
163 ext. papers	19,763 ext. citations	7.8 avg, IF	6.89 L-index

#	Paper	IF	Citations
156	Climate. Blooms like it hot. *Science*, **2008**, 320, 57-8	33.3	1705
155	Climate change: a catalyst for global expansion of harmful cyanobacterial blooms. *Environmental Microbiology Reports*, **2009**, 1, 27-37	3.7	935
154	Cyanobacterial blooms. *Nature Reviews Microbiology*, **2018**, 16, 471-483	22.2	838
153	Biodiversity of plankton by species oscillations and chaos. *Nature*, **1999**, 402, 407-410	50.4	707
152	Summer heatwaves promote blooms of harmful cyanobacteria. *Global Change Biology*, **2008**, 14, 495-512	11.4	640
151	Scientists' warning to humanity: microorganisms and climate change. *Nature Reviews Microbiology*, **2019**, 17, 569-586	22.2	516
150	CHANGES IN TURBULENT MIXING SHIFT COMPETITION FOR LIGHT BETWEEN PHYTOPLANKTON SPECIES. *Ecology*, **2004**, 85, 2960-2970	4.6	403
149	Challenges in microbial ecology: building predictive understanding of community function and dynamics. *ISME Journal*, **2016**, 10, 2557-2568	11.9	380
148	Critical depth and critical turbulence: Two different mechanisms for the development of phytoplankton blooms. *Limnology and Oceanography*, **1999**, 44, 1781-1787	4.8	327
147	A hierarchical set of models for species response analysis. *Journal of Vegetation Science*, **1993**, 4, 37-46	3.1	327
146	Global biodiversity patterns of marine phytoplankton and zooplankton. *Nature*, **2004**, 429, 863-7	50.4	297
145	How rising CO and global warming may stimulate harmful cyanobacterial blooms. *Harmful Algae*, **2016**, 54, 145-159	5.3	277
144	Reduced mixing generates oscillations and chaos in the oceanic deep chlorophyll maximum. *Nature*, **2006**, 439, 322-5	50.4	261
143	Chaos in a long-term experiment with a plankton community. *Nature*, **2008**, 451, 822-5	50.4	255
142	COMPETITION FOR LIGHT BETWEEN PHYTOPLANKTON SPECIES: EXPERIMENTAL TESTS OF MECHANISTIC THEORY. *Ecology*, **1999**, 80, 211-222	4.6	234
141	Light-Limited Growth and Competition for Light in Well-Mixed Aquatic Environments: An Elementary Model. *Ecology*, **1994**, 75, 507-520	4.6	229
140	Adaptive divergence in pigment composition promotes phytoplankton biodiversity. *Nature*, **2004**, 432, 104-7	50.4	208

139	Selective suppression of harmful cyanobacteria in an entire lake with hydrogen peroxide. *Water Research*, **2012**, 46, 1460-72	12.5	204
138	Colorful niches of phototrophic microorganisms shaped by vibrations of the water molecule. *ISME Journal*, **2007**, 1, 271-82	11.9	199
137	Fundamental unpredictability in multispecies competition. *American Naturalist*, **2001**, 157, 488-94	3.7	183
136	Colourful coexistence of red and green picocyanobacteria in lakes and seas. *Ecology Letters*, **2007**, 10, 290-8	10	175
135	How do sinking phytoplankton species manage to persist?. *American Naturalist*, **2002**, 159, 245-54	3.7	174
134	Species Dynamics and Nutrient Accumulation During Early Primary Succession in Coastal Sand Dunes. *Journal of Ecology*, **1993**, 81, 693	6	165
133	Competition for light between toxic and nontoxic strains of the harmful cyanobacterium Microcystis. *Applied and Environmental Microbiology*, **2007**, 73, 2939-46	4.8	156
132	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
131	Artificial mixing to control cyanobacterial blooms: a review. *Aquatic Ecology*, **2016**, 50, 423-441	1.9	153
130	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
129	Why plankton communities have no equilibrium: solutions to the paradox. *Hydrobiologia*, **2003**, 491, 9-18	2.4	147
128	Species Dynamics in Phytoplankton Blooms: Incomplete Mixing and Competition for Light. *American Naturalist*, **1999**, 154, 46-68	3.7	146
127	Climate-driven changes in the ecological stoichiometry of aquatic ecosystems. *Frontiers in Ecology and the Environment*, **2010**, 8, 145-152	5.5	145
126	Large-scale biodiversity patterns in freshwater phytoplankton. *Ecology*, **2011**, 92, 2096-107	4.6	141
125	Microcystis genotype succession in relation to microcystin concentrations in freshwater lakes. *Aquatic Microbial Ecology*, **2007**, 48, 1-12	1.1	140
124	COMPETITION FOR NUTRIENTS AND LIGHT: STABLE COEXISTENCE, ALTERNATIVE STABLE STATES, OR COMPETITIVE EXCLUSION?. *Ecological Monographs*, **2006**, 76, 57-72	9	138
123	Competition for Nutrients and Light in a Mixed Water Column: A Theoretical Analysis. *American Naturalist*, **1995**, 146, 536-564	3.7	136
122	The microcystin composition of the cyanobacterium Planktothrix agardhii changes toward a more toxic variant with increasing light intensity. *Applied and Environmental Microbiology*, **2005**, 71, 5177-81	4.8	130

121	Salt tolerance of the harmful cyanobacterium Microcystis aeruginosa. *Aquatic Microbial Ecology*, **2007**, 46, 117-123	1.1	124
120	BIOLOGICAL CONDITIONS FOR OSCILLATIONS AND CHAOS GENERATED BY MULTISPECIES COMPETITION. *Ecology*, **2001**, 82, 2682-2695	4.6	122
119	Patterns of Herbivory Along a Prouductivity Gradient: An Empirical and Theoretical Investigation. *Ecology*, **1996**, 77, 736-745	4.6	121
118	Rising CO2 levels will intensify phytoplankton blooms in eutrophic and hypertrophic lakes. *PLoS ONE*, **2014**, 9, e104325	3.7	115
117	Mixotrophic organisms become more heterotrophic with rising temperature. *Ecology Letters*, **2013**, 16, 225-33	10	108
116	Towards a solution of the plankton paradox: the importance of physiology and life history. *Ecology Letters*, **2001**, 4, 408-411	10	103
115	Competition and facilitation between unicellular nitrogen-fixing cyanobacteria and non‐nitrogen-fixing phytoplankton species. *Limnology and Oceanography*, **2007**, 52, 2233-2248	4.8	100
114	Pattern formation at multiple spatial scales drives the resilience of mussel bed ecosystems. *Nature Communications*, **2014**, 5, 5234	17.4	92
113	Colorful microdiversity of Synechococcus strains (picocyanobacteria) isolated from the Baltic Sea. *ISME Journal*, **2009**, 3, 397-408	11.9	92
112	Time-series resolution of gradual nitrogen starvation and its impact on photosynthesis in the cyanobacterium Synechocystis PCC 6803. *Physiologia Plantarum*, **2012**, 145, 426-39	4.6	90
111	The timescale of phenotypic plasticity and its impact on competition in fluctuating environments. *American Naturalist*, **2008**, 172, 169-85	3.7	89
110	Benthic‐pelagic coupling in the population dynamics of the harmful cyanobacterium Microcystis. *Freshwater Biology*, **2005**, 50, 854-867	3.1	89
109	Water management strategies against toxic Microcystis blooms in the Dutch delta **2006**, 16, 313-27		85
108	RECRUITMENT OF BENTHIC MICROCYSTIS (CYANOPHYCEAE) TO THE WATER COLUMN: INTERNAL BUOYANCY CHANGES OR RESUSPENSION?1. *Journal of Phycology*, **2004**, 40, 260-270	3	83
107	POPULATION DYNAMICS OF LIGHT-LIMITED PHYTOPLANKTON: MICROCOSM EXPERIMENTS. *Ecology*, **1999**, 80, 202-210	4.6	83
106	Species fluctuations sustained by a cyclic succession at the edge of chaos. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 6389-94	11.5	81
105	Genetic diversity of inorganic carbon uptake systems causes variation in CO2 response of the cyanobacterium Microcystis. *ISME Journal*, **2014**, 8, 589-600	11.9	78
104	Unbalanced reduction of nutrient loads has created an offshore gradient from phosphorus to nitrogen limitation in the North Sea. *Limnology and Oceanography*, **2016**, 61, 869-888	4.8	78

103	Widespread distribution of proteorhodopsins in freshwater and brackish ecosystems. *ISME Journal*, **2008**, 2, 656-62	11.9	77
102	Contrasting effects of rising CO2 on primary production and ecological stoichiometry at different nutrient levels. *Ecology Letters*, **2014**, 17, 951-60	10	75
101	COMPETITION BETWEEN A PROCHLOROPHYTE AND A CYANOBACTERIUM UNDER VARIOUS PHOSPHORUS REGIMES: COMPARISON WITH THE DROOP MODEL. *Journal of Phycology*, **1998**, 34, 467-476	3	75
100	Principles of the light-limited chemostat: theory and ecological applications. *Antonie Van Leeuwenhoek*, **2002**, 81, 117-33	2.1	70
99	The nutrient-load hypothesis: patterns of resource limitation and community structure driven by competition for nutrients and light. *American Naturalist*, **2012**, 179, 721-40	3.7	68
98	Competition for nutrients and light: testing advances in resource competition with a natural phytoplankton community. *Ecology*, **2018**, 99, 1108-1118	4.6	67
97	Latitudinal variation in virus-induced mortality of phytoplankton across the North Atlantic Ocean. *ISME Journal*, **2016**, 10, 500-13	11.9	67
96	Competition between cyanobacteria and green algae at low versus elevated CO2: who will win, and why?. *Journal of Experimental Botany*, **2017**, 68, 3815-3828	7	63
95	Timing of migratory baleen whales at the Azores in relation to the North Atlantic spring bloom. *Marine Ecology - Progress Series*, **2011**, 440, 267-279	2.6	63
94	Population dynamics of sinking phytoplankton in light-limited environments: simulation techniques and critical parameters. *Journal of Sea Research*, **2002**, 48, 83-96	1.9	63
93	Diversity and phylogeny of Baltic Sea picocyanobacteria inferred from their ITS and phycobiliprotein operons. *Environmental Microbiology*, **2008**, 10, 174-88	5.2	62
92	Rapid adaptation of harmful cyanobacteria to rising CO2. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 9315-20	11.5	62
91	Interannual variability in species composition explained as seasonally entrained chaos. *Proceedings of the Royal Society B: Biological Sciences*, **2009**, 276, 2871-80	4.4	61
90	Phenotypic and genetic diversification of Pseudanabaena spp. (cyanobacteria). *ISME Journal*, **2009**, 3, 31-46	11.9	61
89	Climate-induced shifts in an experimental phytoplankton community: a mechanistic approach. *Hydrobiologia*, **2007**, 584, 403-413	2.4	61
88	Growth and Competition in a Light Gradient. *Journal of Theoretical Biology*, **1994**, 168, 323-336	2.3	61
87	Coupled predator-prey oscillations in a chaotic food web. *Ecology Letters*, **2009**, 12, 1367-78	10	60
86	Perspective: Advancing the research agenda for improving understanding of cyanobacteria in a future of global change. *Harmful Algae*, **2020**, 91, 101601	5.3	59

85	Termination of a toxic Alexandrium bloom with hydrogen peroxide. *Harmful Algae*, **2014**, 31, 125-135	5.3	58
84	Elevated CO2 concentrations affect the elemental stoichiometry and species composition of an experimental phytoplankton community. *Freshwater Biology*, **2013**, 58, 597-611	3.1	58
83	Nuisance foam events and Phaeocystis globosa blooms in Dutch coastal waters analyzed with fuzzy logic. *Journal of Marine Systems*, **2010**, 83, 115-126	2.7	56
82	Production of cyanopeptolins, anabaenopeptins, and microcystins by the harmful cyanobacteria Anabaena 90 and Microcystis PCC 7806. *Harmful Algae*, **2009**, 8, 219-224	5.3	55
81	Maximal sustainable sinking velocity of phytoplankton. *Marine Ecology - Progress Series*, **2002**, 244, 39-48	2.6	53
80	Allelopathic interactions between phytoplankton species: The roles of heterotrophic bacteria and mixing intensity. *Limnology and Oceanography*, **2004**, 49, 1424-1434	4.8	52
79	Blue light reduces photosynthetic efficiency of cyanobacteria through an imbalance between photosystems I and II. *Photosynthesis Research*, **2018**, 138, 177-189	3.7	51
78	Dancing with the tides: fluctuations of coastal phytoplankton orchestrated by different oscillatory modes of the tidal cycle. *PLoS ONE*, **2012**, 7, e49319	3.7	51
77	Aggregation with clay causes sedimentation of the buoyant cyanobacteria Microcystis spp.. *Aquatic Microbial Ecology*, **2006**, 44, 165-174	1.1	51
76	Critical conditions for phytoplankton blooms. *Bulletin of Mathematical Biology*, **2001**, 63, 1095-124	2.1	48
75	Population Dynamics of Harmful Cyanobacteria **2005**, 143-176		47
74	Photoinhibition and the assembly of light-limited phytoplankton communities. *Oikos*, **2011**, 120, 359-368	4	44
73	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
72	Competition and facilitation in multispecies plant-herbivore systems of productive environments. *Ecology Letters*, **1998**, 1, 25-29	10	42
71	Oxic-anoxic regime shifts mediated by feedbacks between biogeochemical processes and microbial community dynamics. *Nature Communications*, **2017**, 8, 789	17.4	41
70	Microcystin interferes with defense against high oxidative stress in harmful cyanobacteria. *Harmful Algae*, **2018**, 78, 47-55	5.3	41
69	Nitrogen and phosphorus uptake rates of different species from a coral reef community after a nutrient pulse. *Scientific Reports*, **2016**, 6, 28821	4.9	40
68	Oscillations and chaos generated by competition for interactively essential resources. *Ecological Research*, **2002**, 17, 175-181	1.9	40

67	Is there really insufficient support for Tilman's R* concept? A comment on Miller et al. *American Naturalist*, **2007**, 169, 700-6	3.7	39
66	Low temperature delays timing and enhances the cost of nitrogen fixation in the unicellular cyanobacterium Cyanothece. *ISME Journal*, **2013**, 7, 2105-15	11.9	38
65	Concerted changes in gene expression and cell physiology of the cyanobacterium Synechocystis sp. strain PCC 6803 during transitions between nitrogen and light-limited growth. *Plant Physiology*, **2011**, 155, 1445-57	6.6	38
64	Risso's dolphins alter daily resting pattern in response to whale watching at the Azores. *Marine Mammal Science*, **2011**, 27, 366-381	1.9	37
63	Microcystins do not provide anti-herbivore defence against mixotrophic flagellates. *Aquatic Microbial Ecology*, **2010**, 59, 207-216	1.1	34
62	Hydropower reservoirs on the upper Mekong River modify nutrient bioavailability downstream. *National Science Review*, **2020**, 7, 1449-1457	10.8	33
61	Competition for phosphorus between the nitrogen-fixing cyanobacteria Anabaena and Aphanizomenon. *FEMS Microbiology Ecology*, **1997**, 24, 259-267	4.3	32
60	The social context of individual foraging behaviour in long-finned pilot whales (Globicephala melas). *Behaviour*, **2014**, 151, 1453-1477	1.4	31
59	Amino acid availability determines the ratio of microcystin variants in the cyanobacterium Planktothrix agardhii. *FEMS Microbiology Ecology*, **2008**, 65, 383-90	4.3	30
58	Changes in gene expression, cell physiology and toxicity of the harmful cyanobacterium Microcystis aeruginosa at elevated CO2. *Frontiers in Microbiology*, **2015**, 6, 401	5.7	29
57	Global biogeography and evolution of Cuvierina pteropods. *BMC Evolutionary Biology*, **2015**, 15, 39	3	28
56	Succession of Bacterial Communities in a Seasonally Stratified Lake with an Anoxic and Sulfidic Hypolimnion. *Frontiers in Microbiology*, **2017**, 8, 2511	5.7	28
55	Phytoplankton community structure in relation to vertical stratification along a north-south gradient in the Northeast Atlantic Ocean. *Limnology and Oceanography*, **2015**, 60, 1498-1521	4.8	27
54	Stoichiometric plant-herbivore models and their interpretation. *Mathematical Biosciences and Engineering*, **2004**, 1, 215-22	2.1	27
53	Probing the limits of predictability: data assimilation of chaotic dynamics in complex food webs. *Ecology Letters*, **2018**, 21, 93-103	10	26
52	Strains of the Harmful Cyanobacterium Microcystis aeruginosa Differ in Gene Expression and Activity of Inorganic Carbon Uptake Systems at Elevated CO2 Levels. *Applied and Environmental Microbiology*, **2015**, 81, 7730-9	4.8	25
51	Diversity and abundance of pteropods and heteropods along a latitudinal gradient across the Atlantic Ocean. *Progress in Oceanography*, **2017**, 158, 213-223	3.8	25
50	Resonance of plankton communities with temperature fluctuations. *American Naturalist*, **2011**, 178, E85-95	3.7	25

49	Competition and facilitation between the marine nitrogen-fixing cyanobacterium Cyanothece and its associated bacterial community. *Frontiers in Microbiology*, **2014**, 5, 795	5.7	24
48	Exploring the low photosynthetic efficiency of cyanobacteria in blue light using a mutant lacking phycobilisomes. *Photosynthesis Research*, **2019**, 141, 291-301	3.7	23
47	Eco-Evolutionary Dynamics of Ecological Stoichiometry in Plankton Communities. *American Naturalist*, **2018**, 192, E1-E20	3.7	23
46	Suppressing Cyanobacteria with Hydrogen Peroxide Is More Effective at High Light Intensities. *Toxins*, **2019**, 12,	4.9	22
45	Predictability and environmental drivers of chlorophyll fluctuations vary across different time scales and regions of the North Sea. *Progress in Oceanography*, **2018**, 161, 1-18	3.8	22
44	Biological control of toxic cyanobacteria by mixotrophic predators: an experimental test of intraguild predation theory **2014**, 24, 1235-49		21
43	Sedimentation losses of Scenedesmus in relation to mixing depth. *Archiv F Hydrobiologie*, **1996**, 136, 289-308		21
42	Vibrational modes of water predict spectral niches for photosynthesis in lakes and oceans. *Nature Ecology and Evolution*, **2021**, 5, 55-66	12.3	21
41	Simulation of three-dimensional phytoplankton dynamics: competition in light-limited environments. *Journal of Computational and Applied Mathematics*, **2005**, 174, 57-77	2.4	20
40	reply: Coexistence and resource competition. *Nature*, **2000**, 407, 694-694	50.4	20
39	Hypothesis: versatile function of ferredoxin-NADP+ reductase in cyanobacteria provides regulation for transient photosystem I-driven cyclic electron flow. *Functional Plant Biology*, **2002**, 29, 201-210	2.7	19
38	Phenotypic plasticity of carbon fixation stimulates cyanobacterial blooms at elevated CO. *Science Advances*, **2020**, 6, eaax2926	14.3	18
37	Diel Variation in Gene Expression of the CO2-Concentrating Mechanism during a Harmful Cyanobacterial Bloom. *Frontiers in Microbiology*, **2016**, 7, 551	5.7	18
36	Evolution of nutrient uptake reveals a trade-off in the ecological stoichiometry of plant-herbivore interactions. *American Naturalist*, **2010**, 176, E162-76	3.7	17
35	Spatio-temporal dynamics of sulfur bacteria during oxic--anoxic regime shifts in a seasonally stratified lake. *FEMS Microbiology Ecology*, **2018**, 94,	4.3	16
34	Comparison of predatorprey interactions with and without intraguild predation by manipulation of the nitrogen source. *Oikos*, **2014**, 123, 423-432	4	16
33	Nitrogen fixation rates in algal turf communities of a degraded versus less degraded coral reef. *Coral Reefs*, **2014**, 33, 1003-1015	4.2	16
32	Changes in water color shift competition between phytoplankton species with contrasting light-harvesting strategies. *Ecology*, **2020**, 101, e02951	4.6	15

31	Sensitivity to hydrogen peroxide of the bloom-forming cyanobacterium Microcystis PCC 7806 depends on nutrient availability. *Harmful Algae*, **2020**, 99, 101916	5.3	13
30	Nitrogen fixation and respiratory electron transport in the cyanobacterium Cyanothece under different light/dark cycles. *FEMS Microbiology Ecology*, **2014**, 87, 630-8	4.3	12
29	Costs and benefits of maternally inherited algal symbionts in coral larvae. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	12
28	From Ecological Stoichiometry to Biochemical Composition: Variation in N and P Supply Alters Key Biosynthetic Rates in Marine Phytoplankton. *Frontiers in Microbiology*, **2017**, 8, 1299	5.7	12
27	Comment on "Patterns of diversity in marine phytoplankton". *Science*, **2010**, 329, 512; author reply 512	33.3	12
26	Production and consumption of dimethylsulfide (DMS) and dimethylsulfoniopropionate (DMSP) in a diatom-dominated intertidal sediment. *Marine Ecology - Progress Series*, **2002**, 231, 37-46	2.6	12
25	Why Do Phytoplankton Evolve Large Size in Response to Grazing?. *American Naturalist*, **2020**, 195, E20-E37	3.7	12
24	Potassium sensitivity differs among strains of the harmful cyanobacterium Microcystis and correlates with the presence of salt tolerance genes. *FEMS Microbiology Letters*, **2015**, 362,	2.9	11
23	Fast detection of nutrient limitation in macroalgae and seagrass with nutrient-induced fluorescence. *PLoS ONE*, **2013**, 8, e68834	3.7	11
22	Pteropods make thinner shells in the upwelling region of the California Current Ecosystem. *Scientific Reports*, **2021**, 11, 1731	4.9	11
21	Stable coexistence of equivalent nutrient competitors through niche differentiation in the light spectrum. *Ecology*, **2019**, 100, e02873	4.6	10
20	Vocal foragers and silent crowds: context-dependent vocal variation in Northeast Atlantic long-finned pilot whales. *Behavioral Ecology and Sociobiology*, **2017**, 71, 170	2.5	10
19	Interspecific protection against oxidative stress: green algae protect harmful cyanobacteria against hydrogen peroxide. *Environmental Microbiology*, **2021**, 23, 2404-2419	5.2	9
18	BIOLOGICAL CONDITIONS FOR OSCILLATIONS AND CHAOS GENERATED BY MULTISPECIES COMPETITION **2001**, 82, 2682		8
17	Blue light induces major changes in the gene expression profile of the cyanobacterium Synechocystis sp. PCC 6803. *Physiologia Plantarum*, **2020**, 170, 10-26	4.6	7
16	Competition for nutrients and light among phytoplankton species in a mixed water column: Theoretical studies. *Water Science and Technology*, **1995**, 32, 143	2.2	7
15	The Models of Berendse and Tilman: Two Different Perspectives on Plant Competition?. *Functional Ecology*, **1994**, 8, 282	5.6	7
14	Eutrophication induces shifts in the trophic position of invertebrates in aquatic food webs. *Ecology*, **2021**, 102, e03275	4.6	7

13	Biogeography of Cyanobacterial Genes and Their Link to Iron Availability in the Ocean. *Frontiers in Microbiology*, **2019**, 10, 650	5.7	6
12	Circatrigintan instead of lunar periodicity of larval release in a brooding coral species. *Scientific Reports*, **2018**, 8, 5668	4.9	6
11	Implications of 2D versus 3D surveys to measure the abundance and composition of benthic coral reef communities. *Coral Reefs*, **2021**, 40, 1137-1153	4.2	6
10	Effects of Ocean Acidification on Calcification of the Sub-Antarctic Pteropod Limacina retroversa. *Frontiers in Marine Science*, **2021**, 8,	4.5	5
9	Competition Between Segregation Distorters: Coexistence of "Superior" and "Inferior" Haplotypes at the t Complex. *Evolution; International Journal of Organic Evolution*, **1996**, 50, 2488	3.8	4
8	Resilience of Microbial Communities after Hydrogen Peroxide Treatment of a Eutrophic Lake to Suppress Harmful Cyanobacterial Blooms. *Microorganisms*, **2021**, 9,	4.9	4
7	Competition for phosphorus between the nitrogen-fixing cyanobacteria Anabaena and Aphanizomenon. *FEMS Microbiology Ecology*, **2006**, 24, 259-267	4.3	3
6	Viral lysis modifies seasonal phytoplankton dynamics and carbon flow in the Southern Ocean. *ISME Journal*, **2021**, 15, 3615-3622	11.9	3
5	RissoB dolphins perform spin dives to target deep-dwelling prey.. *Royal Society Open Science*, **2021**, 8, 202320	3.3	2
4	Climate-induced shifts in an experimental phytoplankton community: a mechanistic approach **2007**, 403-413		2
3	Different measures of biodiversity (Reply). *Nature*, **2005**, 433, E9-E9	50.4	1
2	COMPETITION BETWEEN SEGREGATION DISTORTERS: COEXISTENCE OF "SUPERIOR" AND "INFERIOR" HAPLOTYPES AT THE t COMPLEX. *Evolution; International Journal of Organic Evolution*, **1996**, 50, 2488-2498	3.8	1
1	COMPETITION FOR LIGHT BETWEEN PHYTOPLANKTON SPECIES: EXPERIMENTAL TESTS OF MECHANISTIC THEORY **1999**, 80, 211		1