

# Jonathan J Cole

## List of Publications by Year in descending order

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204  
papers

32,670  
citations

4370

86  
h-index

4101

175  
g-index

207  
all docs

207  
docs citations

207  
times ranked

20529  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Carbon Cycle: With a Brief Introduction to Global Biogeochemistry. , 2021, , 131-160.		5
2	The Carbon Cycle in Lakes: A Biogeochemical Perspective. , 2021, , .		2
3	Defining the Key Competencies in Radiation Protection for Endovascular Procedures: A Multispecialty Delphi Consensus Study. European Journal of Vascular and Endovascular Surgery, 2018, 55, 281-287.	0.8	14
4	Greenhouse Gas Emissions from Freshwater Reservoirs: What Does the Atmosphere See?. Ecosystems, 2018, 21, 1058-1071.	1.6	145
5	The study of carbon in inland watersâ€”from isolated ecosystems to players in the global carbon cycle. Limnology and Oceanography Letters, 2018, 3, 41-48.	1.6	118
6	Early warning signals precede cyanobacterial blooms in multiple whole-lake experiments. Ecological Monographs, 2018, 88, 188-203.	2.4	54
7	Reversal of a cyanobacterial bloom in response to early warnings. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 352-357.	3.3	79
8	How Many Limnologists Does It Take to Fix the Plumbing? The Established Researcher. Bulletin of the Ecological Society of America, 2017, 98, 100-102.	0.2	0
9	Response of plankton to nutrients, planktivory and terrestrial organic matter: a model analysis of whole-lake experiments. Ecology Letters, 2016, 19, 230-239.	3.0	41
10	Large CO <sub>2</sub> effluxes at night and during synoptic weather events significantly contribute to CO <sub>2</sub> emissions from a reservoir. Environmental Research Letters, 2016, 11, 064001.	2.2	66
11	Exogenously produced CO <sub>2</sub> doubles the CO <sub>2</sub> efflux from three north temperate lakes. Geophysical Research Letters, 2016, 43, 1996-2003.	1.5	46
12	Altered energy flow in the food web of an experimentally darkened lake. Ecosphere, 2015, 6, 1-23.	1.0	24
13	Deuterium as a food source tracer: Sensitivity to environmental water, lipid content, and hydrogen exchange. Limnology and Oceanography: Methods, 2015, 13, 213-223.	1.0	26
14	Physical and biological contributions to metalimnetic oxygen maxima in lakes. Limnology and Oceanography, 2015, 60, 242-251.	1.6	24
15	With and without warning: managing ecosystems in a changing world. Frontiers in Ecology and the Environment, 2015, 13, 460-467.	1.9	66
16	Integrating Landscape Carbon Cycling: Research Needs for Resolving Organic Carbon Budgets of Lakes. Ecosystems, 2015, 18, 363-375.	1.6	81
17	A new approach for rapid detection of nearby thresholds in ecosystem time series. Oikos, 2014, 123, 290-297.	1.2	35
18	Carbon Sequestration in a Large Hydroelectric Reservoir: An Integrative Seismic Approach. Ecosystems, 2014, 17, 430-441.	1.6	45

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19	Hydrogen isotope discrimination in aquatic primary producers: implications for aquatic food web studies. <i>Aquatic Sciences</i> , 2014, 76, 217-229.	0.6	34
20	Decadal-Scale Change in a Large-River Ecosystem. <i>BioScience</i> , 2014, 64, 496-510.	2.2	49
21	Assigning hydrogen, carbon, and nitrogen isotope values for phytoplankton and terrestrial detritus in aquatic food web studies. <i>Inland Waters</i> , 2014, 4, 233-242.	1.1	25
22	Use of deep autochthonous resources by zooplankton: Results of a metalimnetic addition of $^{13}\text{C}$ to a small lake. <i>Limnology and Oceanography</i> , 2014, 59, 986-996.	1.6	14
23	Asymmetric response of early warning indicators of phytoplankton transition to and from cycles. <i>Theoretical Ecology</i> , 2013, 6, 285-293.	0.4	26
24	Terrestrial support of pelagic consumers: patterns and variability revealed by a multilake study. <i>Freshwater Biology</i> , 2013, 58, 2037-2049.	1.2	74
25	The Carbon Cycle. , 2013, , 109-135.		11
26	Terrestrial dominance of organic matter in north temperate lakes. <i>Global Biogeochemical Cycles</i> , 2013, 27, 43-51.	1.9	117
27	Emissions from Amazonian dams. <i>Nature Climate Change</i> , 2013, 3, 1005-1005.	8.1	15
28	Changes in ecosystem resilience detected in automated measures of ecosystem metabolism during a whole-lake manipulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17398-17403.	3.3	59
29	Freshwater in flux. <i>Nature Geoscience</i> , 2013, 6, 13-14.	5.4	25
30	First Report of Generalized Face Processing Difficulties in MÃ¶bius Sequence. <i>PLoS ONE</i> , 2013, 8, e62656.	1.1	27
31	Terrestrial support of zebra mussels and the Hudson River food web: A multi-isotope, Bayesian analysis. <i>Limnology and Oceanography</i> , 2012, 57, 1802-1815.	1.6	45
32	Spatial heterogeneity strongly affects estimates of ecosystem metabolism in two north temperate lakes. <i>Limnology and Oceanography</i> , 2012, 57, 1689-1700.	1.6	77
33	Resources supporting the food web of a naturally productive lake. <i>Limnology and Oceanography</i> , 2012, 57, 1443-1452.	1.6	30
34	Hydroelectric carbon sequestration. <i>Nature Geoscience</i> , 2012, 5, 838-840.	5.4	64
35	A practical method for measuring integrated solar radiation reaching streambeds using photodegrading dyes. <i>Freshwater Science</i> , 2012, 31, 1070-1077.	0.9	13
36	Lake-size dependency of wind shear and convection as controls on gas exchange. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	199

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37	Do Daphnia use metalimnetic organic matter in a north temperate lake? An analysis of vertical migration. <i>Inland Waters</i> , 2012, 2, 193-198.	1.1	7
38	Species loss in the brown world: are heterotrophic systems inherently stable?. <i>Aquatic Sciences</i> , 2012, 74, 397-404.	0.6	5
39	pH change induces shifts in the size and light absorption of dissolved organic matter. <i>Biogeochemistry</i> , 2012, 108, 109-118.	1.7	91
40	Global abundance and size distribution of streams and rivers. <i>Inland Waters</i> , 2012, 2, 229-236.	1.1	257
41	Strong evidence for terrestrial support of zooplankton in small lakes based on stable isotopes of carbon, nitrogen, and hydrogen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1975-1980.	3.3	291
42	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model. <i>Ecology</i> , 2011, 92, 1115-1125.	1.5	146
43	Research frontiers in the analysis of coupled biogeochemical cycles. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 74-80.	1.9	42
44	Carbon emission from hydroelectric reservoirs linked to reservoir age and latitude. <i>Nature Geoscience</i> , 2011, 4, 593-596.	5.4	600
45	Coupled biogeochemical cycles and Earth stewardship. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 3-3.	1.9	14
46	Introduction to coupled biogeochemical cycles. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 5-8.	1.9	111
47	Difficulty in Discerning Drivers of Lake Ecosystem Metabolism with High-Frequency Data. <i>Ecosystems</i> , 2011, 14, 935-948.	1.6	35
48	Short-term variation in thermal stratification complicates estimation of lake metabolism. <i>Aquatic Sciences</i> , 2011, 73, 305-315.	0.6	55
49	Early Warnings of Regime Shifts: A Whole-Ecosystem Experiment. <i>Science</i> , 2011, 332, 1079-1082.	6.0	723
50	Terrestrial, benthic, and pelagic resource use in lakes: results from a three-isotope Bayesian mixing model. <i>Ecology</i> , 2011, 92, 1115-1125.	1.5	37
51	Aquatic metabolism in the Everglades: Dominance of water column heterotrophy. <i>Limnology and Oceanography</i> , 2010, 55, 653-666.	1.6	28
52	Variability of carbon dioxide flux from tropical (Cerrado) hydroelectric reservoirs. <i>Aquatic Sciences</i> , 2010, 72, 283-293.	0.6	92
53	Variation in transparent exopolymer particles in relation to biological and chemical factors in two contrasting lake districts. <i>Aquatic Sciences</i> , 2010, 72, 443-453.	0.6	26
54	Multiple approaches to estimating air-water gas exchange in small lakes. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 285-293.	1.0	171

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55	Millennial-aged organic carbon subsidies to a modern river food web. <i>Ecology</i> , 2010, 91, 2385-2393.	1.5	114
56	The relationship between near-surface turbulence and gas transfer velocity in freshwater systems and its implications for floating chamber measurements of gas exchange. <i>Limnology and Oceanography</i> , 2010, 55, 1723-1732.	1.6	203
57	Lake metabolism and the diel oxygen technique: State of the science. <i>Limnology and Oceanography: Methods</i> , 2010, 8, 628-644.	1.0	214
58	Aquatic metabolism in the Everglades: Dominance of water column heterotrophy. <i>Limnology and Oceanography</i> , 2010, 55, 653-666.	1.6	27
59	The influence of environmental water on the hydrogen stable isotope ratio in aquatic consumers. <i>Oecologia</i> , 2009, 161, 313-324.	0.9	120
60	Leading indicators of phytoplankton transitions caused by resource competition. <i>Theoretical Ecology</i> , 2009, 2, 139-148.	0.4	17
61	Production in pristine lakes. <i>Nature</i> , 2009, 460, 463-464.	13.7	6
62	Leading indicators of trophic cascades. <i>Ecology Letters</i> , 2008, 11, 128-138.	3.0	157
63	Support of benthic invertebrates by detrital resources and current autochthonous primary production: results from a whole-lake <sup>13</sup> C addition. <i>Freshwater Biology</i> , 2008, 53, 42-54.	1.2	38
64	CO <sub>2</sub> and O <sub>2</sub> dynamics in human-impacted watersheds in the state of São Paulo, Brazil. <i>Biogeochemistry</i> , 2008, 88, 271-283.	1.7	17
65	Airborne carbon deposition on a remote forested lake. <i>Aquatic Sciences</i> , 2008, 70, 213-224.	0.6	24
66	Carbon sources supporting fish growth in a north temperate lake. <i>Aquatic Sciences</i> , 2008, 70, 446-458.	0.6	41
67	Temporal dynamics of dissolved oxygen in a floating-leaved macrophyte bed. <i>Freshwater Biology</i> , 2008, 53, 1632-1641.	1.2	47
68	Fates of methane from different lake habitats: Connecting whole-lake budgets and CH <sub>4</sub> emissions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	392
69	CO <sub>2</sub> emissions from saline lakes: A global estimate of a surprisingly large flux. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	137
70	Depth-integrated, continuous estimates of metabolism in a clear-water lake. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2008, 65, 712-722.	0.7	75
71	HYDROLOGY AND GRAZING JOINTLY CONTROL A LARGE-RIVER FOOD WEB. <i>Ecology</i> , 2008, 89, 12-18.	1.5	60
72	Dissolved organic matter and persistence of the invasive zebra mussel ( <i>Dreissena polymorpha</i> ) under low food conditions. <i>Limnology and Oceanography</i> , 2007, 52, 70-78.	1.6	20

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73	Does terrestrial organic carbon subsidize the planktonic food web in a clear-water lake?. <i>Limnology and Oceanography</i> , 2007, 52, 2177-2189.	1.6	128
74	Assessing pelagic and benthic metabolism using free water measurements. <i>Limnology and Oceanography: Methods</i> , 2007, 5, 145-155.	1.0	135
75	Patterns and regulation of dissolved organic carbon: An analysis of 7,500 widely distributed lakes. <i>Limnology and Oceanography</i> , 2007, 52, 1208-1219.	1.6	391
76	Diary of a bluegill ( <i>Lepomis macrochirus</i> ): daily $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ records in otoliths by ion microprobe. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2007, 64, 1641-1645.	0.7	50
77	Changes in cyanobacterial dominance following the invasion of the zebra mussel <i>Dreissena polymorpha</i> : Long-term results from the Hudson River estuary. <i>Estuaries and Coasts</i> , 2007, 30, 163-170.	1.0	28
78	Expanding the concept of trophic state in aquatic ecosystems: It's not just the autotrophs. <i>Aquatic Sciences</i> , 2007, 69, 427-439.	0.6	134
79	Sources and fates of dissolved organic carbon in lakes as determined by whole-lake carbon isotope additions. <i>Biogeochemistry</i> , 2007, 84, 115-129.	1.7	80
80	Plumbing the Global Carbon Cycle: Integrating Inland Waters into the Terrestrial Carbon Budget. <i>Ecosystems</i> , 2007, 10, 172-185.	1.6	2,836
81	Impact of chemically enhanced diffusion on dissolved inorganic carbon stable isotopes in a fertilized lake. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	53
82	ASLO AWARDS: NOMINATE SOMEONE. <i>Limnology and Oceanography Bulletin</i> , 2006, 15, 29-30.	0.2	0
83	The global abundance and size distribution of lakes, ponds, and impoundments. <i>Limnology and Oceanography</i> , 2006, 51, 2388-2397.	1.6	1,426
84	Top down control from the bottom: Regulation of eutrophication in a large river by benthic grazing. <i>Limnology and Oceanography</i> , 2006, 51, 664-670.	1.6	109
85	Differential support of lake food webs by three types of terrestrial organic carbon. <i>Ecology Letters</i> , 2006, 9, 558-568.	3.0	305
86	Nutrient-chlorophyll relationships in tropical-subtropical lakes: do temperate models fit?. <i>Biogeochemistry</i> , 2006, 79, 239-250.	1.7	90
87	Terrestrial Subsidies of Organic Carbon Support Net Ecosystem Production in Temporary Forest Ponds: Evidence from an Ecosystem Experiment. <i>Ecosystems</i> , 2006, 9, 1170-1176.	1.6	64
88	Is Net Ecosystem Production Equal to Ecosystem Carbon Accumulation?. <i>Ecosystems</i> , 2006, 9, 152-155.	1.6	189
89	Bacterial Growth on Allochthonous Carbon in Humic and Nutrient-enriched Lakes: Results from Whole-Lake $^{13}\text{C}$ Addition Experiments. <i>Ecosystems</i> , 2006, 9, 489-499.	1.6	84
90	Can algal photosynthetic inorganic carbon isotope fractionation be predicted in lakes using existing models?. <i>Aquatic Sciences</i> , 2006, 68, 142-153.	0.6	74

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91	Vascular Plants as Engineers of Oxygen in Aquatic Systems. <i>BioScience</i> , 2006, 56, 219.	2.2	128
92	Primary Production and Its Regulation in the Tidal-Freshwater Hudson River. , 2006, , 107-120.		15
93	Does autochthonous primary production drive variability in bacterial metabolism and growth efficiency in lakes dominated by terrestrial C inputs?. <i>Aquatic Microbial Ecology</i> , 2005, 38, 103-111.	0.9	115
94	Uptake of dissolved organic matter (DOM) and its importance to metabolic requirements of the zebra mussel, <i>Dreissena polymorpha</i> . <i>Limnology and Oceanography</i> , 2005, 50, 36-47.	1.6	36
95	Longitudinal Spatial Patterns of Bacterial Production and Respiration in a Large Riverâ€“Estuary: Implications for Ecosystem Carbon Consumption. <i>Ecosystems</i> , 2005, 8, 318-330.	1.6	43
96	The Biogeochemistry of Carbon at Hubbard Brook. <i>Biogeochemistry</i> , 2005, 75, 109-176.	1.7	246
97	ASLO'S NEXT INTERNATIONAL MEETING- A CALL FOR PROPOSALS. <i>Limnology and Oceanography Bulletin</i> , 2005, 14, 65-66.	0.2	0
98	NOMINATE SOMEONE: ASLO AWARDS AND ASLO GOVERNANCE. <i>Limnology and Oceanography Bulletin</i> , 2005, 14, 63-64.	0.2	0
99	Effects of Postnatal Exposure to a Mixture of Polychlorinated Biphenyls, p,p'-dichlorodiphenyltrichloroethane, and p,p'-dichlorodiphenyldichloroethene in Prepubertal and Adult Female Sprague-Dawley Rats. <i>International Journal of Toxicology</i> , 2005, 24, 111-127.	0.6	16
100	ECOSYSTEM SUBSIDIES: TERRESTRIAL SUPPORT OF AQUATIC FOOD WEBS FROM $^{13}\text{C}$ ADDITION TO CONTRASTING LAKES. <i>Ecology</i> , 2005, 86, 2737-2750.	1.5	341
101	Temperature independence of carbon dioxide supersaturation in global lakes. <i>Global Biogeochemical Cycles</i> , 2005, 19, n/a-n/a.	1.9	318
102	Cognitions Associated With Attempts to Empathize: How Do We Imagine the Perspective of Another?. <i>Personality and Social Psychology Bulletin</i> , 2004, 30, 1625-1635.	1.9	145
103	Whole-lake carbon-13 additions reveal terrestrial support of aquatic food webs. <i>Nature</i> , 2004, 427, 240-243.	13.7	497
104	Controls on the variability of organic matter and dissolved inorganic carbon ages in northeast US rivers. <i>Marine Chemistry</i> , 2004, 92, 353-366.	0.9	180
105	Methane emissions from lakes: Dependence of lake characteristics, two regional assessments, and a global estimate. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	890
106	Autochthonous versus allochthonous carbon sources of bacteria: Results from whole-lake $^{13}\text{C}$ addition experiments. <i>Limnology and Oceanography</i> , 2004, 49, 588-596.	1.6	223
107	Controls of $^{13}\text{C}$ in lakes: Geochemistry, lake metabolism, and morphometry. <i>Limnology and Oceanography</i> , 2004, 49, 1160-1172.	1.6	152
108	Sulfate inhibition of molybdenum-dependent nitrogen fixation by planktonic cyanobacteria under seawater conditions: a non-reversible effect. <i>Hydrobiologia</i> , 2003, 500, 277-293.	1.0	38

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109	Title is missing!. Biogeochemistry, 2003, 64, 247-269.	1.7	52
110	Increase in the Export of Alkalinity from North America's Largest River. Science, 2003, 301, 88-91.	6.0	310
111	Sulfate inhibition of molybdenum-dependent nitrogen fixation by planktonic cyanobacteria under sea water conditions: a non-reversible effect. , 2003, , 277-293.		22
112	CONTRASTING IMPACTS OF A NATIVE AND ALIEN MACROPHYTE ON DISSOLVED OXYGEN IN A LARGE RIVER. , 2002, 12, 1496-1509.		171
113	The summer metabolic balance in the epilimnion of southeastern Quebec lakes. Limnology and Oceanography, 2002, 47, 316-321.	1.6	185
114	Pathways of organic carbon utilization in small lakes: Results from a whole-lake <sup>13</sup> C addition and coupled model. Limnology and Oceanography, 2002, 47, 1664-1675.	1.6	197
115	Synchronous variation of dissolved organic carbon and color in lakes. Limnology and Oceanography, 2002, 47, 333-342.	1.6	206
116	Emissions of Nitrous Oxide (N <sub>2</sub> O) from a Tidal, Freshwater River, the Hudson River, New York. Environmental Science & Technology, 2001, 35, 991-996.	4.6	114
117	TROPHIC CASCADES, NUTRIENTS, AND LAKE PRODUCTIVITY: WHOLE-LAKE EXPERIMENTS. Ecological Monographs, 2001, 71, 163-186.	2.4	448
118	Gas Exchange in Rivers and Estuaries: Choosing a Gas Transfer Velocity. Estuaries and Coasts, 2001, 24, 312.	1.7	479
119	Carbon in catchments: connecting terrestrial carbon losses with aquatic metabolism. Marine and Freshwater Research, 2001, 52, 101.	0.7	496
120	Human influence on nitrogen export: a comparison of mesic and xeric catchments. Marine and Freshwater Research, 2001, 52, 119.	0.7	33
121	TROPHIC CASCADES, NUTRIENTS, AND LAKE PRODUCTIVITY: WHOLE-LAKE EXPERIMENTS. , 2001, 71, 163.		28
122	A method for the measurement of particulate C and P on the same filtered sample. Marine Ecology - Progress Series, 2001, 217, 59-65.	0.9	20
123	Modeled Effects of Dissolved Organic Carbon and Solar Spectra on Photobleaching in Lake Ecosystems. Ecosystems, 2000, 3, 419-432.	1.6	49
124	Atmospheric CO <sub>2</sub> evasion, dissolved inorganic carbon production, and net heterotrophy in the York River estuary. Limnology and Oceanography, 2000, 45, 1707-1717.	1.6	241
125	Persistence of net heterotrophy in lakes during nutrient addition and food web manipulations. Limnology and Oceanography, 2000, 45, 1718-1730.	1.6	400
126	Effects of whole-lake manipulations of nutrient loading and food web structure on planktonic respiration. Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 487-496.	0.7	29



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127	Linkages between Aquatic Sediment Biota and Life Above Sediments as Potential Drivers of Biodiversity and Ecological Processes. <i>BioScience</i> , 2000, 50, 1062.	2.2	120
128	Dissolved Oxygen Declines in the Hudson River Associated with the Invasion of the Zebra Mussel ( <i>Dreissena polymorpha</i> ). <i>Environmental Science &amp; Technology</i> , 2000, 34, 1204-1210.	4.6	75
129	Global Change and the Biodiversity of Freshwater Ecosystems: Impacts on Linkages between Above-Sediment and Sediment Biota. <i>BioScience</i> , 2000, 50, 1099.	2.2	117
130	FACIAL EXPRESSION RECOGNITION BY PEOPLE WITH MÄ–BIUS SYNDROME. <i>Cognitive Neuropsychology</i> , 2000, 17, 73-87.	0.4	138
131	Microbial Carbon Cycling in Pelagic Ecosystems: Microbial Methods for Ecosystem Scientists. , 2000, , 138-150.		0
132	Linking Planktonic Biomass and Metabolism to Net Gas Fluxes in Northern Temperate Lakes. <i>Ecology</i> , 1999, 80, 1422.	1.5	49
133	Relationship of trophic and chemical conditions to photobleaching of dissolved organic matter in lake ecosystems. <i>Biogeochemistry</i> , 1999, 44, 259-280.	1.7	76
134	Spatial and Temporal Patterns of Nutrient Concentration and Export in the Tidal Hudson River. <i>Estuaries and Coasts</i> , 1999, 22, 285.	1.7	60
135	Aquatic Microbiology for Ecosystem Scientists: New and Recycled Paradigms in Ecological Microbiology. <i>Ecosystems</i> , 1999, 2, 215-225.	1.6	144
136	Trophic cascades revealed in diverse ecosystems. <i>Trends in Ecology and Evolution</i> , 1999, 14, 483-488.	4.2	1,209
137	Title is missing!. <i>Biogeochemistry</i> , 1999, 44, 259-280.	1.7	25
138	LINKING PLANKTONIC BIOMASS AND METABOLISM TO NET GAS FLUXES IN NORTHERN TEMPERATE LAKES. <i>Ecology</i> , 1999, 80, 1422-1431.	1.5	203
139	Rapid and precise determination of dissolved oxygen by spectrophotometry: Evaluation of interference from color and turbidity. <i>Limnology and Oceanography</i> , 1999, 44, 1148-1154.	1.6	63
140	Transformation of Freshwater Ecosystems by Bivalves. <i>BioScience</i> , 1999, 49, 19.	2.2	440
141	Regulation of bacterial growth efficiency in a large turbid estuary. <i>Aquatic Microbial Ecology</i> , 1999, 20, 31-38.	0.9	54
142	Hydrologic Variability of Small, Northern Michigan Lakes Measured by the Addition of Tracers. <i>Ecosystems</i> , 1998, 1, 310-320.	1.6	49
143	Evaluating Alternative Explanations in Ecosystem Experiments. <i>Ecosystems</i> , 1998, 1, 335-344.	1.6	45
144	Interactions of Photobleaching and Inorganic Nutrients in Determining Bacterial Growth on Colored Dissolved Organic Carbon. <i>Microbial Ecology</i> , 1998, 36, 270-280.	1.4	71

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145	Experimental measurements of zebra mussel ( <i>Dreissena polymorpha</i> ) impacts on phytoplankton community composition. <i>Freshwater Biology</i> , 1998, 39, 375-386.	1.2	111
146	TROPHIC CASCADES AND COMPENSATION: DIFFERENTIAL RESPONSES OF MICROZOOPLANKTON IN WHOLE-LAKE EXPERIMENTS. <i>Ecology</i> , 1998, 79, 138-152.	1.5	95
147	BACTERIAL GROWTH EFFICIENCY IN NATURAL AQUATIC SYSTEMS. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1998, 29, 503-541.	6.7	1,144
148	Changes in phytoplankton community structure during the zebra mussel ( <i>Dreissena polymorpha</i> ) invasion of the Hudson River (New York). <i>Journal of Plankton Research</i> , 1998, 20, 1567-1579.	0.8	82
149	Atmospheric exchange of carbon dioxide in a low-wind oligotrophic lake measured by the addition of SF <sub>6</sub> . <i>Limnology and Oceanography</i> , 1998, 43, 647-656.	1.6	785
150	Impact of dissolved organic carbon, phosphorus, and grazing on phytoplankton biomass and production in experimental lakes. <i>Limnology and Oceanography</i> , 1998, 43, 73-80.	1.6	266
151	Microbial assimilation of DIN in a nitrogen rich estuary: implications for food quality and isotope studies. <i>Marine Ecology - Progress Series</i> , 1998, 167, 59-71.	0.9	117
152	ZEBRA MUSSEL INVASION IN A LARGE, TURBID RIVER: PHYTOPLANKTON RESPONSE TO INCREASED GRAZING. <i>Ecology</i> , 1997, 78, 588-602.	1.5	322
153	Response of phytoplankton and bacteria to nutrients and zooplankton: a mesocosm experiment. <i>Journal of Plankton Research</i> , 1997, 19, 995-1010.	0.8	41
154	Influence of Food Web Structure on Carbon Exchange Between Lakes and the Atmosphere. <i>Science</i> , 1997, 277, 248-251.	6.0	297
155	Respiration rates in bacteria exceed phytoplankton production in unproductive aquatic systems. <i>Nature</i> , 1997, 385, 148-151.	13.7	645
156	Photosynthesis or planktonic respiration?. <i>Nature</i> , 1997, 388, 132-133.	13.7	7
157	Carbon Dioxide Concentration and Atmospheric Flux in the Hudson River. <i>Estuaries and Coasts</i> , 1997, 20, 381.	1.7	240
158	Filtration of Hudson River Water by the Zebra Mussel ( <i>Dreissena polymorpha</i> ). <i>Estuaries and Coasts</i> , 1996, 19, 824.	1.7	80
159	Pelagic responses to changes in dissolved organic carbon following division of a seepage lake. <i>Limnology and Oceanography</i> , 1996, 41, 553-559.	1.6	57
160	Regulation of bacteria by resources and predation tested in whole-lake experiments. <i>Limnology and Oceanography</i> , 1996, 41, 1448-1460.	1.6	104
161	Regulation of planktonic bacterial growth rates: The effects of temperature and resources. <i>Microbial Ecology</i> , 1996, 31, 15-28.	1.4	116
162	Bacterial secondary production in oxic and anoxic freshwaters. <i>Limnology and Oceanography</i> , 1995, 40, 1019-1027.	1.6	70

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164	Population dynamics of bacterioplankton in an oligotrophic lake. <i>Journal of Plankton Research</i> , 1995, 17, 365-391.	0.8	47
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