

## List of Publications by Citations

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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.

180 papers	22,035 citations	75 h-index	147 g-index
190 ext. papers	25,355 ext. citations	6.6 avg, IF	6.93 L-index

#	Paper	IF	Citations
180	Plumbing the Global Carbon Cycle: Integrating Inland Waters into the Terrestrial Carbon Budget. <i>Ecosystems</i> , <b>2007</b> , 10, 172-185	3.9	2235
179	Lakes and reservoirs as regulators of carbon cycling and climate. <i>Limnology and Oceanography</i> , <b>2009</b> , 54, 2298-2314	4.8	1528
178	The global abundance and size distribution of lakes, ponds, and impoundments. <i>Limnology and Oceanography</i> , <b>2006</b> , 51, 2388-2397	4.8	1118
177	Freshwater methane emissions offset the continental carbon sink. <i>Science</i> , <b>2011</b> , 331, 50	33.3	903
176	A global inventory of lakes based on high-resolution satellite imagery. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 6396-6402	4.9	737
175	Methane emissions from lakes: Dependence of lake characteristics, two regional assessments, and a global estimate. <i>Global Biogeochemical Cycles</i> , <b>2004</b> , 18, n/a-n/a	5.9	691
174	Carbon emission from hydroelectric reservoirs linked to reservoir age and latitude. <i>Nature Geoscience</i> , <b>2011</b> , 4, 593-596	18.3	467
173	Temperature-controlled organic carbon mineralization in lake sediments. <i>Nature</i> , <b>2010</b> , 466, 478-81	50.4	350
172	Patterns and regulation of dissolved organic carbon: An analysis of 7,500 widely distributed lakes. <i>Limnology and Oceanography</i> , <b>2007</b> , 52, 1208-1219	4.8	314
171	Chemodiversity of dissolved organic matter in lakes driven by climate and hydrology. <i>Nature Communications</i> , <b>2014</b> , 5, 3804	17.4	312
170	Persistence of dissolved organic matter in lakes related to its molecular characteristics. <i>Nature Geoscience</i> , <b>2015</b> , 8, 454-457	18.3	288
169	Interactions of bacteria and fungi on decomposing litter: differential extracellular enzyme activities. <i>Ecology</i> , <b>2006</b> , 87, 2559-69	4.6	285
168	Availability of dissolved organic carbon for planktonic bacteria in oligotrophic lakes of differing humic content. <i>Microbial Ecology</i> , <b>1988</b> , 16, 311-22	4.4	273
167	Photochemical transformation of dissolved organic matter in lakes. <i>Limnology and Oceanography</i> , <b>2000</b> , 45, 753-762	4.8	265
166	Temperature independence of carbon dioxide supersaturation in global lakes. <i>Global Biogeochemical Cycles</i> , <b>2005</b> , 19, n/a-n/a	5.9	253
165	The catchment and climate regulation of pCO <sub>2</sub> in boreal lakes. <i>Global Change Biology</i> , <b>2003</b> , 9, 630-641	11.4	248
164	Terrestrial export of organic carbon. <i>Nature</i> , <b>2002</b> , 415, 861-862	50.4	243

163	Terrestrial carbon and intraspecific size-variation shape lake ecosystems. <i>Trends in Ecology and Evolution</i> , <b>2007</b> , 22, 316-22	10.9	238
162	Role of lakes for organic carbon cycling in the boreal zone. <i>Global Change Biology</i> , <b>2004</b> , 10, 141-147	11.4	230
161	Heterotrophic bacterial growth efficiency and community structure at different natural organic carbon concentrations. <i>Applied and Environmental Microbiology</i> , <b>2003</b> , 69, 3701-9	4.8	228
160	Photochemical production of ammonium and transformation of dissolved organic matter in the Baltic Sea. <i>Marine Chemistry</i> , <b>2007</b> , 104, 227-240	3.7	222
159	Biogeography of bacterial communities exposed to progressive long-term environmental change. <i>ISME Journal</i> , <b>2013</b> , 7, 937-48	11.9	221
158	Photo-oxidative production of dissolved inorganic carbon in lakes of different humic content. <i>Limnology and Oceanography</i> , <b>1996</b> , 41, 698-706	4.8	215
157	Controls of dissolved organic matter quality: evidence from a large-scale boreal lake survey. <i>Global Change Biology</i> , <b>2014</b> , 20, 1101-14	11.4	207
156	Contrasting effects of solar UV radiation on dissolved organic sources for bacterial growth. <i>Ecology Letters</i> , <b>2001</b> , 4, 458-463	10	198
155	Global abundance and size distribution of streams and rivers. <i>Inland Waters</i> , <b>2012</b> , 2, 229-236	2.4	195
154	Organic carbon decomposition rates controlled by water retention time across inland waters. <i>Nature Geoscience</i> , <b>2016</b> , 9, 501-504	18.3	192
153	Sediment depth attenuation of biogenic phosphorus compounds measured by <sup>31</sup> P NMR. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 867-72	10.3	190
152	Unraveling assembly of stream biofilm communities. <i>ISME Journal</i> , <b>2012</b> , 6, 1459-68	11.9	182
151	Enhanced bacterial growth in response to photochemical transformation of dissolved organic matter. <i>Limnology and Oceanography</i> , <b>1995</b> , 40, 195-199	4.8	181
150	Organic carbon burial in global lakes and reservoirs. <i>Nature Communications</i> , <b>2017</b> , 8, 1694	17.4	168
149	Allochthonous dissolved organic matter as an energy source for pelagic bacteria and the concept of the microbial loop. <i>Hydrobiologia</i> , <b>1992</b> , 229, 107-114	2.4	168
148	Inner filter correction of dissolved organic matter fluorescence. <i>Limnology and Oceanography: Methods</i> , <b>2013</b> , 11, 616-630	2.6	167
147	Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 034014	6.2	165
146	Measurement of methane oxidation in lakes: a comparison of methods. <i>Environmental Science &amp; Technology</i> , <b>2002</b> , 36, 3354-61	10.3	152

145	Ergosterol as a measure of living fungal biomass: persistence in environmental samples after fungal death. <i>Journal of Microbiological Methods</i> , <b>2004</b> , 59, 253-62	2.8	149
144	Selective chlorination of natural organic matter: identification of previously unknown disinfection byproducts. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 2264-71	10.3	143
143	Function-specific response to depletion of microbial diversity. <i>ISME Journal</i> , <b>2011</b> , 5, 351-61	11.9	141
142	Sedimentation in Boreal Lakes—The Role of Flocculation of Allochthonous Dissolved Organic Matter in the Water Column. <i>Ecosystems</i> , <b>2008</b> , 11, 803-814	3.9	137
141	METHANE AS A SOURCE OF CARBON AND ENERGY FOR LAKE PELAGIC FOOD WEBS. <i>Ecology</i> , <b>2003</b> , 84, 969-981	4.6	136
140	Tracking changes in the optical properties and molecular composition of dissolved organic matter during drinking water production. <i>Water Research</i> , <b>2015</b> , 85, 286-94	12.5	135
139	Antagonism between bacteria and fungi: substrate competition and a possible tradeoff between fungal growth and tolerance towards bacteria. <i>Oikos</i> , <b>2006</b> , 113, 233-242	4	132
138	Degradation rates of organic phosphorus in lake sediment. <i>Biogeochemistry</i> , <b>2007</b> , 82, 15-28	3.8	131
137	Automated mapping of water bodies using Landsat multispectral data. <i>Limnology and Oceanography: Methods</i> , <b>2012</b> , 10, 1037-1050	2.6	129
136	Antagonism between bacteria and fungi on decomposing aquatic plant litter. <i>Microbial Ecology</i> , <b>2003</b> , 45, 173-82	4.4	127
135	Significant fraction of CO <sub>2</sub> emissions from boreal lakes derived from hydrologic inorganic carbon inputs. <i>Nature Geoscience</i> , <b>2015</b> , 8, 933-936	18.3	126
134	Structure and function of bacterial communities emerging from different sources under identical conditions. <i>Applied and Environmental Microbiology</i> , <b>2006</b> , 72, 212-20	4.8	126
133	Weak coupling between community composition and functioning of aquatic bacteria. <i>Limnology and Oceanography</i> , <b>2005</b> , 50, 957-967	4.8	126
132	SUMMER INPUTS OF RIVERINE NUTRIENTS TO THE BALTIC SEA: BIOAVAILABILITY AND EUTROPHICATION RELEVANCE. <i>Ecological Monographs</i> , <b>2002</b> , 72, 579-597	9	124
131	Selective loss and preservation of lake water dissolved organic matter fluorescence during long-term dark incubations. <i>Science of the Total Environment</i> , <b>2012</b> , 433, 238-46	10.2	116
130	Reciprocal subsidies between freshwater and terrestrial ecosystems structure consumer resource dynamics. <i>Ecology</i> , <b>2012</b> , 93, 1173-82	4.6	114
129	Greenhouse gas production in low-latitude lake sediments responds strongly to warming. <i>Nature Climate Change</i> , <b>2014</b> , 4, 467-470	21.4	111
128	Bacterioplankton growth on fractions of dissolved organic carbon of different molecular weights from humic and clear waters. <i>Applied and Environmental Microbiology</i> , <b>1990</b> , 56, 1672-7	4.8	111

127	Integrating aquatic carbon fluxes in a boreal catchment carbon budget. <i>Journal of Hydrology</i> , <b>2007</b> , 334, 141-150	6	108
126	Occurrence of bacterivory in <i>Cryptomonas</i> , a common freshwater phytoplankter. <i>Oecologia</i> , <b>1989</b> , 78, 473-476	2.9	107
125	Bacterioplankton growth, grazing mortality and quantitative relationship to primary production in a humic and a clearwater lake. <i>Journal of Plankton Research</i> , <b>1989</b> , 11, 985-1000	2.2	106
124	Reactivity continuum of dissolved organic carbon decomposition in lake water. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117,		105
123	The fate of production in the central Arctic Ocean: Top-down regulation by zooplankton expatriates?. <i>Progress in Oceanography</i> , <b>2007</b> , 72, 84-113	3.8	103
122	Degradation of dissolved organic matter in oxic and anoxic lake water. <i>Limnology and Oceanography</i> , <b>2004</b> , 49, 109-116	4.8	101
121	Bioavailability of wetland-derived DON to freshwater and marine bacterioplankton. <i>Limnology and Oceanography</i> , <b>1999</b> , 44, 1477-1485	4.8	101
120	Selective decay of terrestrial organic carbon during transport from land to sea. <i>Global Change Biology</i> , <b>2012</b> , 18, 349-355	11.4	100
119	Browning of boreal freshwaters coupled to carbon-iron interactions along the aquatic continuum. <i>PLoS ONE</i> , <b>2014</b> , 9, e88104	3.7	99
118	Abundance, activity, and community structure of pelagic methane-oxidizing bacteria in temperate lakes. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 6746-52	4.8	98
117	Depth distribution of active bacteria and bacterial activity in lake sediment. <i>FEMS Microbiology Ecology</i> , <b>2003</b> , 46, 31-8	4.3	97
116	Bacterial growth in mixed cultures on dissolved organic carbon from humic and clear waters. <i>Applied and Environmental Microbiology</i> , <b>1987</b> , 53, 482-8	4.8	96
115	Evaluation of the Orbitrap Mass Spectrometer for the Molecular Fingerprinting Analysis of Natural Dissolved Organic Matter. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 7698-704	7.8	95
114	Linking allochthonous dissolved organic matter and boreal lake sediment carbon sequestration: The role of light-mediated flocculation. <i>Limnology and Oceanography</i> , <b>2008</b> , 53, 2416-2426	4.8	93
113	Sunlight-induced carbon dioxide emissions from inland waters. <i>Global Biogeochemical Cycles</i> , <b>2014</b> , 28, 696-711	5.9	91
112	In-lake processes offset increased terrestrial inputs of dissolved organic carbon and color to lakes. <i>PLoS ONE</i> , <b>2013</b> , 8, e70598	3.7	90
111	Using Satellite Remote Sensing to Estimate the Colored Dissolved Organic Matter Absorption Coefficient in Lakes. <i>Ecosystems</i> , <b>2005</b> , 8, 709-720	3.9	89
110	Salinity as a structuring factor for the composition and performance of bacterioplankton degrading riverine DOC. <i>FEMS Microbiology Ecology</i> , <b>2003</b> , 45, 189-202	4.3	88

109	Particulates of the surface microlayer of open water in the central Arctic Ocean in summer. <i>Marine Chemistry</i> , <b>2004</b> , 91, 131-141	3.7	83
108	Multifunctionality and diversity in bacterial biofilms. <i>PLoS ONE</i> , <b>2011</b> , 6, e23225	3.7	80
107	Constrained microbial processing of allochthonous organic carbon in boreal lake sediments. <i>Limnology and Oceanography</i> , <b>2012</b> , 57, 163-175	4.8	75
106	Photochemical effects on microbial activity in natural waters: the interaction of reactive oxygen species and dissolved organic matter. <i>FEMS Microbiology Ecology</i> , <b>2003</b> , 46, 353-7	4.3	73
105	Effects of enrichment on simple aquatic food webs. <i>American Naturalist</i> , <b>2001</b> , 157, 654-69	3.7	70
104	The relative influence of land cover, hydrology, and in-stream processing on the composition of dissolved organic matter in boreal streams. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2015</b> , 120, 1491-1505	3.7	67
103	The study of carbon in inland waters from isolated ecosystems to players in the global carbon cycle. <i>Limnology and Oceanography Letters</i> , <b>2018</b> , 3, 41-48	7.9	66
102	Sensitivity of freshwaters to browning in response to future climate change. <i>Climatic Change</i> , <b>2016</b> , 134, 225-239	4.5	65
101	Absence of a priming effect on dissolved organic carbon degradation in lake water. <i>Limnology and Oceanography</i> , <b>2015</b> , 60, 159-168	4.8	65
100	Differential Dissolved Organic Nitrogen Availability and Bacterial Aminopeptidase Activity in Limnic and Marine Waters. <i>Microbial Ecology</i> , <b>1999</b> , 38, 264-272	4.4	64
99	Degradation of organic phosphorus compounds in anoxic Baltic Sea sediments: A <sup>31</sup> P nuclear magnetic resonance study. <i>Limnology and Oceanography</i> , <b>2006</b> , 51, 2341-2348	4.8	59
98	Microbial transformation of labile dissolved organic matter into humic-like matter in seawater. <i>FEMS Microbiology Ecology</i> , <b>1993</b> , 12, 177-183	4.3	58
97	Degradation of Dissolved Organic Matter in Humic Waters by Bacteria. <i>Ecological Studies</i> , <b>1998</b> , 259-283	1.1	57
96	Organic carbon budget for the Gulf of Bothnia. <i>Journal of Marine Systems</i> , <b>2006</b> , 63, 155-161	2.7	55
95	Are high Arctic surface microlayers a potential source of aerosol organic precursors?. <i>Marine Chemistry</i> , <b>2008</b> , 108, 109-122	3.7	53
94	Iron Constraints on Planktonic Primary Production in Oligotrophic Lakes. <i>Ecosystems</i> , <b>2006</b> , 9, 1094-1105	3.9	53
93	Contribution of sediment respiration to summer CO <sub>2</sub> emission from low productive boreal and subarctic lakes. <i>Microbial Ecology</i> , <b>2005</b> , 50, 529-35	4.4	53
92	Comparison of floating chamber and eddy covariance measurements of lake greenhouse gas fluxes. <i>Biogeosciences</i> , <b>2014</b> , 11, 4225-4233	4.6	52

91	Estimating lake carbon fractions from remote sensing data. <i>Remote Sensing of Environment</i> , <b>2015</b> , 157, 138-146	13.2	51
90	Resistance and resilience of microbial communities--temporal and spatial insurance against perturbations. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 2283-92	5.2	51
89	A fractal-based approach to lake size-distributions. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 517-521	4.9	50
88	Colloidal and dissolved organic matter in lake water: Carbohydrate and amino acid composition, and ability to support bacterial growth. <i>Biogeochemistry</i> , <b>1995</b> , 30, 77	3.8	50
87	Online HPLC-ESI-HRMS Method for the Analysis and Comparison of Different Dissolved Organic Matter Samples. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 2091-2099	10.3	49
86	Hydroelectric carbon sequestration. <i>Nature Geoscience</i> , <b>2012</b> , 5, 838-840	18.3	49
85	PRODUCTION OF INORGANIC CARBON FROM AQUATIC MACROPHYTES BY SOLAR RADIATION. <i>Ecology</i> , <b>1999</b> , 80, 1852-1859	4.6	49
84	Extreme isomeric complexity of dissolved organic matter found across aquatic environments. <i>Limnology and Oceanography Letters</i> , <b>2018</b> , 3, 21-30	7.9	44
83	Temperature sensitivity of organic carbon mineralization in contrasting lake sediments. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2015</b> , 120, 1215-1225	3.7	41
82	Effect of exposure to sunlight and phosphorus-limitation on bacterial degradation of coloured dissolved organic matter (CDOM) in freshwater. <i>FEMS Microbiology Ecology</i> , <b>2008</b> , 64, 230-9	4.3	41
81	Terrestrial subsidies to lake food webs: an experimental approach. <i>Oecologia</i> , <b>2012</b> , 168, 807-18	2.9	39
80	Microbial biomass and community composition in boreal lake sediments. <i>Limnology and Oceanography</i> , <b>2011</b> , 56, 725-733	4.8	37
79	Seasonal variation of CO <sub>2</sub> saturation in the Gulf of Bothnia: Indications of marine net heterotrophy. <i>Global Biogeochemical Cycles</i> , <b>2004</b> , 18, n/a-n/a	5.9	35
78	Effects of flocculated humic matter on free and attached pelagic microorganisms. <i>Limnology and Oceanography</i> , <b>1989</b> , 34, 688-699	4.8	34
77	Preferential sequestration of terrestrial organic matter in boreal lake sediments. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2017</b> , 122, 863-874	3.7	31
76	Stable isotope analysis of benthic fauna and their food sources in boreal lakes. <i>Journal of the North American Benthological Society</i> , <b>2010</b> , 29, 1339-1348		31
75	Effects of sunlight on occurrence and bacterial turnover of specific carbon and nitrogen compounds in lake water. <i>FEMS Microbiology Ecology</i> , <b>1998</b> , 25, 217-227	4.3	31
74	Contribution of fungi and bacteria to the formation of dissolved organic carbon from decaying common reed ( <i>Phragmites australis</i> ). <i>Archiv Für Hydrobiologie</i> , <b>2006</b> , 166, 79-97		31



73	Litter-associated bacteria and fungi: a comparison of biomass and communities across lakes and plant species. <i>Freshwater Biology</i> , <b>2006</b> , 51, 730-741	3.1	31
72	Impact of TiO <sub>2</sub> nanoparticles on freshwater bacteria from three Swedish lakes. <i>Science of the Total Environment</i> , <b>2015</b> , 535, 85-93	10.2	30
71	Effects of compositional changes on reactivity continuum and decomposition kinetics of lake dissolved organic matter. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2016</b> , 121, 1733-1746	3.7	29
70	Food webs in sub-Antarctic lakes: a stable isotope approach. <i>Polar Biology</i> , <b>2003</b> , 26, 783-788	2	29
69	The leucine incorporation method estimates bacterial growth equally well in both oxic and anoxic lake waters. <i>Applied and Environmental Microbiology</i> , <b>2001</b> , 67, 2916-21	4.8	29
68	Bioavailability and sources of DOC and DON in macrophyte stands of a tropical coastal lake. <i>Hydrobiologia</i> , <b>2000</b> , 436, 241-248	2.4	29
67	Dark carbon fixation: an important process in lake sediments. <i>PLoS ONE</i> , <b>2013</b> , 8, e65813	3.7	29
66	Organic Carbon Processing During Transport Through Boreal Inland Waters: Particles as Important Sites. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2018</b> , 123, 2412-2428	3.7	28
65	Emergence of the Reactivity Continuum of Organic Matter from Kinetics of a Multitude of Individual Molecular Constituents. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 11571-11579	10.3	28
64	Molecular Determinants of Dissolved Organic Matter Reactivity in Lake Water. <i>Frontiers in Earth Science</i> , <b>2017</b> , 5,	3.5	27
63	Different diversity-functioning relationship in lake and stream bacterial communities. <i>FEMS Microbiology Ecology</i> , <b>2013</b> , 85, 95-103	4.3	26
62	Spatial variation of sediment mineralization supports differential CO <sub>2</sub> emissions from a tropical hydroelectric reservoir. <i>Frontiers in Microbiology</i> , <b>2013</b> , 4, 101	5.7	25
61	Regional-scale variation of dissolved organic carbon concentrations in Swedish lakes. <i>Limnology and Oceanography</i> , <b>2014</b> , 59, 1612-1620	4.8	24
60	Complexity of dissolved organic matter in the molecular size dimension: insights from coupled size exclusion chromatography electrospray ionisation mass spectrometry. <i>Faraday Discussions</i> , <b>2019</b> , 218, 52-71	3.6	24
59	Regional diversity of complex dissolved organic matter across forested hemiboreal headwater streams. <i>Scientific Reports</i> , <b>2018</b> , 8, 16060	4.9	24
58	Unraveling the size-dependent optical properties of dissolved organic matter. <i>Limnology and Oceanography</i> , <b>2018</b> , 63, 588-601	4.8	23
57	Variations in colored dissolved organic matter between boreal lakes studied by satellite remote sensing. <i>Journal of Applied Remote Sensing</i> , <b>2009</b> , 3, 033538	1.4	23
56	Photochemical effects on the interaction of enzymes and dissolved organic matter in natural waters. <i>Limnology and Oceanography</i> , <b>2003</b> , 48, 1818-1824	4.8	23



55	Quantification of invertebrate predation and herbivory in food chains of low complexity. <i>Oecologia</i> , <b>1996</b> , 108, 542-551	2.9	23
54	Effects of sunlight on occurrence and bacterial turnover of specific carbon and nitrogen compounds in lake water. <i>FEMS Microbiology Ecology</i> , <b>1998</b> , 25, 217-227	4.3	22
53	Consumption patterns, complexity and enrichment in aquatic food chains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1998</b> , 265, 901-906	4.4	22
52	Apparent quantum yield of photochemical dissolved organic carbon mineralization in lakes. <i>Limnology and Oceanography</i> , <b>2016</b> , 61, 2207-2221	4.8	22
51	Photochemical mineralisation in a boreal brown water lake: considerable temporal variability and minor contribution to carbon dioxide production. <i>Biogeosciences</i> , <b>2016</b> , 13, 3931-3943	4.6	21
50	Hourly, daily, and seasonal variability in the absorption spectra of chromophoric dissolved organic matter in a eutrophic, humic lake. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2014</b> , 119, 1985-1998	3.7	18
49	Changes in bacterial community composition along a solar radiation gradient in humic waters. <i>Aquatic Sciences</i> , <b>2006</b> , 68, 415-424	2.5	18
48	First evidence for a bipolar distribution of dominant freshwater lake bacterioplankton. <i>Antarctic Science</i> , <b>2007</b> , 19, 245-252	1.7	18
47	Effects of colloidal organic matter on the growth of bacteria and protists in lake water. <i>Limnology and Oceanography</i> , <b>1994</b> , 39, 1276-1285	4.8	18
46	Predicting lake dissolved organic carbon at a global scale. <i>Scientific Reports</i> , <b>2020</b> , 10, 8471	4.9	18
45	Simulation of photoreactive transients and of photochemical transformation of organic pollutants in sunlit boreal lakes across 14 degrees of latitude: A photochemical mapping of Sweden. <i>Water Research</i> , <b>2018</b> , 129, 94-104	12.5	17
44	Rapid fluorometric assay of bacterial density in lake water and seawater. <i>Limnology and Oceanography</i> , <b>1997</b> , 42, 1629-1634	4.8	17
43	Colloidal and Dissolved Organic Matter Excreted by a Mixotrophic Flagellate during Bacterivory and Autotrophy. <i>Applied and Environmental Microbiology</i> , <b>1994</b> , 60, 1884-8	4.8	17
42	Selective Adsorption of Terrestrial Dissolved Organic Matter to Inorganic Surfaces Along a Boreal Inland Water Continuum. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2020</b> , 125, e2019JG005236	3.7	16
41	Reactivity continuum modeling of leaf, root, and wood decomposition across biomes. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2015</b> , 120, 1196-1214	3.7	16
40	Phosphorus transport by the largest Amazon tributary (Madeira River, Brazil) and its sensitivity to precipitation and damming. <i>Inland Waters</i> , <b>2015</b> , 5, 275-282	2.4	15
39	Large-scale and long-term decrease in fish growth following the construction of hydroelectric reservoirs. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2011</b> , 68, 2167-2173	2.4	15
38	Food-web relationships and community structures in high-latitude lakes <b>2008</b> , 269-290		15

37	Predator Regulation of Aquatic Microbial Abundance in Simple Food Webs of Sub-Antarctic Lakes. <i>Oikos</i> , <b>1997</b> , 79, 347	4	13
36	Does ecosystem size determine aquatic bacterial richness? Comment. <i>Ecology</i> , <b>2007</b> , 88, 252-3; discussion 253-5	4.6	13
35	Emission of CO <sub>2</sub> from hydroelectric reservoirs in northern Sweden. <i>Archiv Für Hydrobiologie</i> , <b>2004</b> , 159, 25-42		13
34	Integrating Aquatic and Terrestrial Perspectives to Improve Insights Into Organic Matter Cycling at the Landscape Scale. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	12
33	Pronounced seasonal dynamics of freshwater chitinase genes and chitin processing. <i>Environmental Microbiology</i> , <b>2012</b> , 14, 2467-79	5.2	12
32	Emissions from Amazonian dams. <i>Nature Climate Change</i> , <b>2013</b> , 3, 1005-1005	21.4	12
31	Microbial leaf degraders in boreal streams: bringing together stochastic and deterministic regulators of community composition. <i>Freshwater Biology</i> , <b>2009</b> , 54, 2276-2289	3.1	12
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