

Tim Moore

List of Publications by Year in descending order

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182
papers

14,311
citations

13827

67
h-index

23472

111
g-index

200
all docs

200
docs citations

200
times ranked

8838
citing authors

#	ARTICLE	IF	CITATIONS
1	Contemporary carbon balance and late Holocene carbon accumulation in a northern peatland. <i>Global Change Biology</i> , 2007, 13, 397-411.	4.2	521
2	The influence of temperature and water table position on carbon dioxide and methane emissions from laboratory columns of peatland soils. <i>Journal of Soil Science</i> , 1993, 44, 651-664.	1.2	452
3	A database and synthesis of northern peatland soil properties and Holocene carbon and nitrogen accumulation. <i>Holocene</i> , 2014, 24, 1028-1042.	0.9	404
4	Plant biomass and production and CO ₂ exchange in an ombrotrophic bog. <i>Journal of Ecology</i> , 2002, 90, 25-36.	1.9	315
5	Interannual variability in the peatland-atmosphere carbon dioxide exchange at an ombrotrophic bog. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	307
6	Increases in Fluxes of Greenhouse Gases and Methyl Mercury following Flooding of an Experimental Reservoir. <i>Environmental Science & Technology</i> , 1997, 31, 1334-1344.	4.6	305
7	Rates of litter decomposition over 6 years in Canadian forests: influence of litter quality and climate. <i>Canadian Journal of Forest Research</i> , 2002, 32, 789-804.	0.8	276
8	Controls on CH ₄ emissions from a northern peatland. <i>Global Biogeochemical Cycles</i> , 1999, 13, 81-91.	1.9	268
9	Methane flux: Water table relations in northern wetlands. <i>Geophysical Research Letters</i> , 1993, 20, 587-590.	1.5	263
10	Modeling Northern Peatland Decomposition and Peat Accumulation. <i>Ecosystems</i> , 2001, 4, 479-498.	1.6	250
11	Ecological controls on methane emissions from a Northern Peatland Complex in the zone of discontinuous permafrost, Manitoba, Canada. <i>Global Biogeochemical Cycles</i> , 1995, 9, 455-470.	1.9	236
12	Carbon turnover in peatland mesocosms exposed to different water table levels. <i>Biogeochemistry</i> , 2004, 67, 331-351.	1.7	226
13	Effects of nutrient addition on vegetation and carbon cycling in an ombrotrophic bog. <i>Global Change Biology</i> , 2007, 13, 1168-1186.	4.2	222
14	Modelling and analysis of peatlands as dynamical systems. <i>Journal of Ecology</i> , 2000, 88, 230-242.	1.9	210
15	Spatial and temporal variations of methane flux from subarctic/northern boreal fens. <i>Global Biogeochemical Cycles</i> , 1990, 4, 29-46.	1.9	201
16	Low boreal wetlands as a source of atmospheric methane. <i>Journal of Geophysical Research</i> , 1992, 97, 3739-3749.	3.3	195
17	Methane emissions from fen, bog and swamp peatlands in Quebec. <i>Biogeochemistry</i> , 1990, 11, 45.	1.7	194
18	Litter decomposition rates in Canadian forests. <i>Global Change Biology</i> , 1999, 5, 75-82.	4.2	191

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19	Seasonal patterns and controls on net ecosystem CO ₂ exchange in a boreal peatland complex. <i>Global Biogeochemical Cycles</i> , 1998, 12, 703-714.	1.9	184
20	Northern fens: methane flux and climatic change. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1992, 44, 100-105.	0.8	179
21	Methane Emissions from Wetlands in the Midboreal Region of Northern Ontario, Canada. <i>Ecology</i> , 1993, 74, 2240-2254.	1.5	179
22	Patterns of Carbon, Nitrogen and Phosphorus Dynamics in Decomposing Foliar Litter in Canadian Forests. <i>Ecosystems</i> , 2006, 9, 46-62.	1.6	171
23	CONTROLS ON THE SORPTION OF DISSOLVED ORGANIC CARBON BY SOILS. <i>Soil Science</i> , 1992, 154, 120-129.	0.9	165
24	Relationship between ecosystem productivity and photosynthetically active radiation for northern peatlands. <i>Global Biogeochemical Cycles</i> , 1998, 12, 115-126.	1.9	165
25	Sources and sinks of dissolved organic carbon in a forested swamp catchment. <i>Biogeochemistry</i> , 1991, 15, 1.	1.7	163
26	Plant Species Numbers Predicted by a Topography-based Groundwater Flow Index. <i>Ecosystems</i> , 2005, 8, 430-441.	1.6	160
27	Litter Decomposition in Temperate Peatland Ecosystems: The Effect of Substrate and Site. <i>Ecosystems</i> , 2007, 10, 949-963.	1.6	160
28	Hydrology and dissolved organic carbon biogeochemistry in an ombrotrophic bog. <i>Hydrological Processes</i> , 2001, 15, 3151-3166.	1.1	148
29	Nitrogen deposition and increased carbon accumulation in ombrotrophic peatlands in eastern Canada. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	147
30	Northern fens: methane flux and climatic change. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 44, 100.	0.8	145
31	CARBON DIOXIDE PRODUCTION FROM PEATLAND SOIL PROFILES: THE INFLUENCE OF TEMPERATURE, OXIC/ANOXIC CONDITIONS AND SUBSTRATE. <i>Soil Science</i> , 2000, 165, 153-160.	0.9	142
32	Methane flux from drained northern peatlands: Effect of a persistent water table lowering on flux. <i>Global Biogeochemical Cycles</i> , 1993, 7, 749-769.	1.9	141
33	SOME CONTROLS ON THE RELEASE OF DISSOLVED ORGANIC CARBON BY PLANT TISSUES AND SOILS. <i>Soil Science</i> , 2001, 166, 38-47.	0.9	141
34	Controls on Dissolved Organic Carbon Concentrations in Streams, Southern Québec. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1990, 47, 1537-1544.	0.7	138
35	Modeling seasonal to annual carbon balance of Mer Bleue Bog, Ontario, Canada. <i>Global Biogeochemical Cycles</i> , 2002, 16, 4-1-4-21.	1.9	138
36	Carbon storage of harvest-age teak (<i>Tectona grandis</i>) plantations, Panama. <i>Forest Ecology and Management</i> , 2003, 173, 213-225.	1.4	136

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37	Tropical peatland carbon storage linked to global latitudinal trends in peat recalcitrance. <i>Nature Communications</i> , 2018, 9, 3640.	5.8	135
38	Carbon dioxide and methane production potentials of peats from natural, harvested and restored sites, eastern Québec, Canada. <i>Wetlands</i> , 2004, 24, 261-267.	0.7	134
39	Supersaturation and evasion of CO ₂ and CH ₄ in surface waters at Mer Bleue peatland, Canada. <i>Hydrological Processes</i> , 2008, 22, 2044-2054.	1.1	129
40	A Multi-Year Record of Methane Flux at the Mer Bleue Bog, Southern Canada. <i>Ecosystems</i> , 2011, 14, 646-657.	1.6	123
41	Methane and Carbon Dioxide Flux from a Macrotidal Salt Marsh, Bay of Fundy, New Brunswick. <i>Estuaries and Coasts</i> , 1996, 19, 139.	1.7	120
42	Dissolved organic matter properties and their relationship to carbon dioxide efflux from restored peat bogs. <i>Geoderma</i> , 2003, 113, 397-411.	2.3	112
43	Nature and nurture in the dynamics of C, N and P during litter decomposition in Canadian forests. <i>Plant and Soil</i> , 2011, 339, 163-175.	1.8	112
44	Environmental controls on the photosynthesis and respiration of a boreal lichen woodland: a growing season of whole-ecosystem exchange measurements by eddy correlation. <i>Oecologia</i> , 1995, 102, 443-452.	0.9	111
45	Methane emissions from wetlands, southern Hudson Bay lowland. <i>Journal of Geophysical Research</i> , 1994, 99, 1455.	3.3	108
46	Experimental response of peatland carbon dynamics to a water table fluctuation. <i>Aquatic Sciences</i> , 2003, 65, 47-62.	0.6	105
47	Carbon dioxide and methane fluxes from drained peat soils, southern Quebec. <i>Global Biogeochemical Cycles</i> , 1993, 7, 247-257.	1.9	103
48	Litter Decomposition in a Subarctic Spruce-Lichen Woodland, Eastern Canada. <i>Ecology</i> , 1984, 65, 299-308.	1.5	102
49	A comparison of methane flux in a boreal landscape between a dry and a wet year. <i>Global Biogeochemical Cycles</i> , 2005, 19, .	1.9	98
50	A preliminary investigation of primary production and decomposition in four peatlands near Schefferville, Québec. <i>Canadian Journal of Botany</i> , 1985, 63, 1241-1248.	1.2	96
51	Methane emissions from wetlands in the zone of discontinuous permafrost: Fort Simpson, Northwest Territories, Canada. <i>Global Biogeochemical Cycles</i> , 1997, 11, 485-494.	1.9	96
52	Predicting Methane Emission from Bryophyte Distribution in Northern Canadian Peatlands. <i>Ecology</i> , 1995, 76, 677-693.	1.5	94
53	Methane fluxes from three peatlands in the La Grande Rivière watershed, James Bay lowland, Canada. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	93
54	Linking variability in soil solution dissolved organic carbon to climate, soil type, and vegetation type. <i>Global Biogeochemical Cycles</i> , 2014, 28, 497-509.	1.9	91

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55	Carbon, Nitrogen, Phosphorus, and Potassium Stoichiometry in an Ombrotrophic Peatland Reflects Plant Functional Type. <i>Ecosystems</i> , 2014, 17, 673-684.	1.6	91
56	Dynamics of dissolved organic carbon in forested and disturbed catchments, Westland, New Zealand: 1. Maimai. <i>Water Resources Research</i> , 1989, 25, 1321-1330.	1.7	90
57	Carbon dioxide, methane, and nitrous oxide exchanges in an ageâ€sequence of temperate pine forests. <i>Global Change Biology</i> , 2010, 16, 2198-2212.	4.2	85
58	Vegetation feedbacks of nutrient addition lead to a weaker carbon sink in an ombrotrophic bog. <i>Global Change Biology</i> , 2013, 19, 3729-3739.	4.2	84
59	Regulation of Decomposition and Methane Dynamics across Natural, Commercially Mined, and Restored Northern Peatlands. <i>Ecosystems</i> , 2007, 10, 1148-1165.	1.6	83
60	The Influence of Permafrost and Fire upon Carbon Accumulation in High Boreal Peatlands, Northwest Territories, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2000, 32, 155-166.	0.4	82
61	Dissolved organic carbon in a northern boreal landscape. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	79
62	Patterns of nitrogen and sulfur accumulation and retention in ombrotrophic bogs, eastern Canada. <i>Global Change Biology</i> , 2005, 11, 356-367.	4.2	79
63	Soil Properties Controlling the Adsorption of Dissolved Organic Carbon to Mineral Soils. <i>Soil Science Society of America Journal</i> , 2009, 73, 1831-1842.	1.2	79
64	Effects of nutrient addition on leaf chemistry, morphology, and photosynthetic capacity of three bog shrubs. <i>Oecologia</i> , 2011, 167, 355-368.	0.9	78
65	Decomposition in Boreal Peatlands. , 2006, , 125-143.		77
66	Fine-scale vegetation distribution in a cool temperate peatland. <i>Canadian Journal of Botany</i> , 2006, 84, 910-923.	1.2	76
67	Effects of Water Table Drawdown on Root Production and Aboveground Biomass in a Boreal Bog. <i>Ecosystems</i> , 2009, 12, 1268-1282.	1.6	73
68	Biogeochemical controls on methane, nitrous oxide, and carbon dioxide fluxes from deciduous forest soils in eastern Canada. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	73
69	Nutrient resorption of two evergreen shrubs in response to long-term fertilization in a bog. <i>Oecologia</i> , 2014, 174, 365-377.	0.9	73
70	The effect of atmospheric turbulence and chamber deployment period on autochamber CO<sub>2</sub> and CH<sub>4</sub> flux measurements in an ombrotrophic peatland. <i>Biogeosciences</i> , 2012, 9, 3305-3322.	1.3	71
71	Tropical pasture carbon cycling: relationships between C source/sink strength, above-ground biomass and grazing. <i>Ecology Letters</i> , 2002, 5, 367-376.	3.0	70
72	The stoichiometry of carbon and nutrients in peat formation. <i>Global Biogeochemical Cycles</i> , 2015, 29, 113-121.	1.9	70

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73	Responses of Vegetation and Ecosystem CO ₂ Exchange to 9 Years of Nutrient Addition at Mer Bleue Bog. <i>Ecosystems</i> , 2010, 13, 874-887.	1.6	69
74	The Influence of Permafrost and Fire upon Carbon Accumulation in High Boreal Peatlands, Northwest Territories, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2000, 32, 155.	0.4	69
75	Methane and carbon dioxide exchanges between the atmosphere and northern boreal forest soils. <i>Journal of Geophysical Research</i> , 1997, 102, 29279-29288.	3.3	68
76	Belowground carbon turnover in a temperate ombrotrophic bog. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	1.9	67
77	Do Root Exudates Enhance Peat Decomposition?. <i>Geomicrobiology Journal</i> , 2012, 29, 374-378.	1.0	67
78	Linking root production to aboveground plant characteristics and water table in a temperate bog. <i>Plant and Soil</i> , 2010, 336, 219-231.	1.8	66
79	Abundance and composition of plant biomass as potential controls for mire net ecosystem CO ₂ exchange. <i>Botany</i> , 2012, 90, 63-74.	0.5	64
80	Production of Dissolved Organic Carbon in Canadian Forest Soils. <i>Ecosystems</i> , 2008, 11, 740-751.	1.6	61
81	Variations in above- and below-ground vascular plant biomass and water table on a temperate ombrotrophic peatland. <i>Botany</i> , 2009, 87, 845-853.	0.5	61
82	Evidence for a nonmonotonic relationship between ecosystem-scale peatland methane emissions and water table depth. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 826-835.	1.3	61
83	The role of cotton-grass (<i>Eriophorum vaginatum</i>) in the exchange of CO ₂ and CH ₄ at two restored peatlands, eastern Canada. <i>Ecoscience</i> , 2004, 11, 141-149.	0.6	59
84	Patterns of decomposition and carbon, nitrogen, and phosphorus dynamics of litter in upland forest and peatland sites in central Canada. <i>Canadian Journal of Forest Research</i> , 2005, 35, 133-142.	0.8	59
85	An ecosystem approach to biodiversity effects: Carbon pools in a tropical tree plantation. <i>Forest Ecology and Management</i> , 2011, 261, 1614-1624.	1.4	59
86	Spring photosynthesis in a cool temperate bog. <i>Global Change Biology</i> , 2006, 12, 2323-2335.	4.2	58
87	Support for an anaerobic sulfur cycle in two Canadian peatland soils. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	57
88	Adsorption of dissolved organic carbon to mineral soils: A comparison of four isotherm approaches. <i>Geoderma</i> , 2008, 148, 43-50.	2.3	56
89	Gaseous carbon dioxide and methane, as well as dissolved organic carbon losses from a small temperate wetland under a changing climate. <i>Environmental Pollution</i> , 2002, 116, S143-S148.	3.7	54
90	Net ecosystem CO ₂ exchange in a boreal peatland, northern Manitoba. <i>Ecoscience</i> , 1998, 5, 517-525.	0.6	52

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91	Mercury and Methylmercury in Decomposing Vegetation of a Pristine and Impounded Wetland. <i>Journal of Environmental Quality</i> , 1998, 27, 591-599.	1.0	52
92	Greenhouse gas fluxes from boreal forest soils during the snow-free period in Quebec, Canada. <i>Canadian Journal of Forest Research</i> , 2009, 39, 666-680.	0.8	47
93	The spatial and temporal relationships between CO ₂ and CH ₄ exchange in a temperate ombrotrophic bog. <i>Atmospheric Environment</i> , 2014, 48, 249-259.	1.9	47
94	Little Voices and Big Ideas: Lessons Learned from Children about Research. <i>International Journal of Qualitative Methods</i> , 2008, 7, 77-91.	1.3	46
95	The cascade of C:N:P stoichiometry in an ombrotrophic peatland: from plants to peat. <i>Environmental Research Letters</i> , 2014, 9, 024003.	2.2	45
96	Changing things for the better: the use of children and young people's reference groups in social research. <i>International Journal of Social Research Methodology: Theory and Practice</i> , 2016, 19, 241-256.	2.3	43
97	MACROPOROSITY AFFECTS WATER MOVEMENT AND PORE WATER SAMPLING IN PEAT SOILS. <i>Soil Science</i> , 2002, 167, 98-109.	0.9	42
98	Effects of long-term fertilization on peat stoichiometry and associated microbial enzyme activity in an ombrotrophic bog. <i>Biogeochemistry</i> , 2016, 129, 149-164.	1.7	42
99	Transfer of carbon dioxide and methane through the soil-water-atmosphere system at Mer Bleue peatland, Canada. <i>Hydrological Processes</i> , 2009, 23, 330-341.	1.1	41
100	Concentrations and fluxes of dissolved organic carbon in an age-sequence of white pine forests in Southern Ontario, Canada. <i>Biogeochemistry</i> , 2007, 86, 1-17.	1.7	40
101	Temperature the dominant control on the enzyme-latch across a range of temperate peatland types. <i>Soil Biology and Biochemistry</i> , 2016, 97, 121-130.	4.2	40
102	Biodegradability of Vegetation-Derived Dissolved Organic Carbon in a Cool Temperate Ombrotrophic Bog. <i>Ecosystems</i> , 2016, 19, 1023-1036.	1.6	40
103	Patterns of dissolved organic matter in subarctic peatlands. <i>Earth Surface Processes and Landforms</i> , 1987, 12, 387-397.	1.2	38
104	Nutrient Input and Carbon and Microbial Dynamics in an Ombrotrophic Bog. <i>Geomicrobiology Journal</i> , 2006, 23, 531-543.	1.0	38
105	Do pool surface area and depth control CO ₂ and CH ₄ fluxes from an ombrotrophic raised bog, James Bay, Canada?. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38
106	Modeling dissolved organic carbon in temperate forest soils: TRIPLEX-DOC model development and validation. <i>Geoscientific Model Development</i> , 2014, 7, 867-881.	1.3	37
107	Spatial and temporal variations of methane flux measured by autochambers in a temperate ombrotrophic peatland. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 864-880.	1.3	37
108	Dynamics and chemistry of dissolved organic carbon in Precambrian Shield catchments and an impounded wetland. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2003, 60, 612-623.	0.7	35

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109	A Case Study of Carbon Pools Under Three Different Land-Uses in Panama. <i>Climatic Change</i> , 2004, 67, 291-307.	1.7	34
110	The fate of 15N-nitrate in a northern peatland impacted by long term experimental nitrogen, phosphorus and potassium fertilization. <i>Biogeochemistry</i> , 2011, 103, 281-296.	1.7	33
111	Estimating Peatland Water Table Depth and Net Ecosystem Exchange: A Comparison between Satellite and Airborne Imagery. <i>Remote Sensing</i> , 2018, 10, 687.	1.8	33
112	Dissolved organic carbon and total dissolved nitrogen production by boreal soils and litter: the role of flooding, oxygen concentration, and temperature. <i>Biogeochemistry</i> , 2014, 118, 35-48.	1.7	32
113	Rainfall Erosivity in East Africa. <i>Geografiska Annaler, Series A: Physical Geography</i> , 1979, 61, 147-156.	0.6	30
114	Carbon Accumulation and Storage in Mineral Subsoil beneath Peat. <i>Soil Science Society of America Journal</i> , 2004, 68, 690-696.	1.2	30
115	Stoichiometric response of shrubs and mosses to long-term nutrient (N, P and K) addition in an ombrotrophic peatland. <i>Plant and Soil</i> , 2016, 400, 403-416.	1.8	29
116	Long-term nutrient addition increased CH ₄ emission from a bog through direct and indirect effects. <i>Scientific Reports</i> , 2018, 8, 3838.	1.6	29
117	An assessment of a simple spectrophotometric method for the determination of dissolved organic carbon in freshwaters. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1987, 21, 585-589.	0.8	28
118	Variability in Methane Emissions from Wetlands at Northern Treeline near Churchill, Manitoba, Canada. <i>Arctic and Alpine Research</i> , 1995, 27, 146.	1.3	28
119	Predicting peatland carbon fluxes from non-destructive plant traits. <i>Functional Ecology</i> , 2017, 31, 1824-1833.	1.7	28
120	Variation in CO ₂ exchange over three summers at microform scale in a boreal bog, Eastmain region, Qubec, Canada. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	27
121	The effect of long-term fertilization on peat in an ombrotrophic bog. <i>Geoderma</i> , 2019, 343, 176-186.	2.3	27
122	Dissolved organic carbon in New Zealand peatlands. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2007, 41, 137-141.	0.8	26
123	Facilitation vs. competition: Does interspecific interaction affect drought responses in Sphagnum?. <i>Basic and Applied Ecology</i> , 2013, 14, 574-584.	1.2	26
124	Litter decomposition and nitrogen and phosphorus dynamics in peatlands and uplands over 12 years in central Canada. <i>Oecologia</i> , 2008, 157, 317-325.	0.9	24
125	Phenology and its role in carbon dioxide exchange processes in northern peatlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1370-1384.	1.3	24
126	THE ERODIBILITY OF TWO SOILS FROM KENYA. <i>Journal of Soil Science</i> , 1979, 30, 579-591.	1.2	23

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127	The influence of source on the sorption of dissolved organic carbon by soils. Canadian Journal of Soil Science, 1999, 79, 321-324.	0.5	23
128	Microclimatic response to increasing shrub cover and its effect on <i>Sphagnum</i> CO ₂ exchange in a bog. Ecoscience, 2012, 19, 89-97.	0.6	23
129	Errors in greenhouse forcing and soil carbon sequestration estimates in freshwater wetlands: a comment on Mitsch et al. (2013). Landscape Ecology, 2014, 29, 1481-1485.	1.9	23
130	Can short-term litter-bag measurements predict long-term decomposition in northern forests?. Plant and Soil, 2017, 416, 419-426.	1.8	23
131	Airborne Hyperspectral Evaluation of Maximum Gross Photosynthesis, Gravimetric Water Content, and CO ₂ Uptake Efficiency of the Mer Bleue Ombrotrophic Peatland. Remote Sensing, 2018, 10, 565.	1.8	23
132	Drainage reduces the resilience of a boreal peatland. Environmental Research Communications, 2020, 2, 065001.	0.9	23
133	Nitrous Oxide Consumption Potentials of Well-drained Forest Soils in Southern QuÃ©bec, Canada. Geomicrobiology Journal, 2010, 27, 53-60.	1.0	22
134	Children's participation in research on sensitive topics: addressing concerns of decision-makers. Children's Geographies, 2020, 18, 325-338.	1.6	22
135	Videographic Analysis of Eriophorum Vaginatum Spatial Coverage in an Ombrotrophic Bog. Remote Sensing, 2013, 5, 6501-6512.	1.8	21
136	Soil drainage and vegetation controls of nitrogen transformation rates in forest soils, southern Quebec. Journal of Geophysical Research, 2009, 114, .	3.3	20
137	Championing Choiceâ€”Lessons Learned from Children and Young People About Research and Their Involvement. Child Indicators Research, 2011, 4, 249-267.	1.1	20
138	THE DISTRIBUTION OF IRON, MANGANESE, AND SCOTLAND ALUMINIUM IN SOME SOILS FROM NORTH-EAST SCOTLAND. Journal of Soil Science, 1973, 24, 162-171.	1.2	19
139	A participatory approach to the establishment of a baseline scenario for a reforestation Clean Development Mechanism project. Mitigation and Adaptation Strategies for Global Change, 2007, 12, 1341-1362.	1.0	19
140	Carbon and greenhouse gas balances in an age sequence of temperate pine plantations. Biogeosciences, 2014, 11, 5399-5410.	1.3	19
141	Drainage and fertilization effects on nutrient availability in an ombrotrophic peatland. Science of the Total Environment, 2018, 621, 1255-1263.	3.9	19
142	A PRELIMINARY STUDY OF THE EFFECTS OF DRAINAGE AND HARVESTING ON WATER QUALITY IN OMBROTROPHIC BOGS NEAR SEPT-ILES, QUEBEC. Journal of the American Water Resources Association, 1987, 23, 785-791.	1.0	18
143	Responses of the mosses <i>Sphagnum capillifolium</i> and <i>Polytrichum strictum</i> to nitrogen deposition in a bog: growth, ground cover, and CO ₂ exchange. Botany, 2016, 94, 127-138.	0.5	18
144	Patterns of carbon, nitrogen and phosphorus dynamics in decomposing wood blocks in Canadian forests. Plant and Soil, 2016, 409, 459-477.	1.8	17

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145	Water Table Regime Regulates Litter Decomposition in Restiad Peatlands, New Zealand. <i>Ecosystems</i> , 2014, 17, 317-326.	1.6	16
146	Effect of inundation, oxygen and temperature on carbon mineralization in boreal ecosystems. <i>Science of the Total Environment</i> , 2015, 511, 381-392.	3.9	16
147	Variations in nitrogen, phosphorus, and $\delta^{15}\text{N}$ in <i>Sphagnum</i> mosses along a climatic and atmospheric deposition gradient in eastern Canada. <i>Botany</i> , 2017, 95, 829-839.	0.5	16
148	Lichens: A limit to peat growth?. <i>Journal of Ecology</i> , 2018, 106, 2301-2319.	1.9	16
149	Environmental controls of C, N and P biogeochemistry in peatland pools. <i>Science of the Total Environment</i> , 2018, 631-632, 714-722.	3.9	16
150	Plant community composition along a peatland margin follows alternate successional pathways after hydrologic disturbance. <i>Acta Oecologica</i> , 2018, 91, 65-72.	0.5	16
151	The Price of Journals in Geography. <i>Professional Geographer</i> , 2017, 69, 251-262.	1.0	15
152	Plant and Soil Nitrogen in an Ombrotrophic Peatland, Southern Canada. <i>Ecosystems</i> , 2020, 23, 98-110.	1.6	15
153	Peatland Microbial Community Composition Is Driven by a Natural Climate Gradient. <i>Microbial Ecology</i> , 2020, 80, 593-602.	1.4	15
154	Controls on carbon accumulation and storage in the mineral subsoil beneath peat in Lakkasuo mire, central Finland. <i>European Journal of Soil Science</i> , 2003, 54, 279-286.	1.8	14
155	The Spatial Heterogeneity of Vegetation, Hydrology and Water Chemistry in a Peatland with Open-Water Pools. <i>Ecosystems</i> , 2019, 22, 1352-1367.	1.6	14
156	Increases in aboveground biomass and leaf area 85 years after drainage in a bog. <i>Botany</i> , 2014, 92, 713-721.	0.5	13
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