

Serge Payette

List of Publications by Year in descending order

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144
papers

6,834
citations

57758

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74163

75
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148
all docs

148
docs citations

148
times ranked

4037
citing authors

#	ARTICLE	IF	CITATIONS
1	A Paleo-perspective on Ecosystem Collapse in Boreal North America. <i>Ecological Studies</i> , 2021, , 101-129.	1.2	4
2	Population genomics of a reindeer lichen species from North American lichen woodlands. <i>American Journal of Botany</i> , 2021, 108, 159-171.	1.7	8
3	Climate, fire and vegetation history at treeline east of Hudson Bay, northern Québec. <i>Quaternary Science Reviews</i> , 2021, 254, 106794.	3.0	5
4	Post-Glacial Climate–Fire Interactions Control Tree Composition of Mesic Temperate Forests in Eastern North America. <i>Ecosystems</i> , 2021, 24, 1906-1927.	3.4	2
5	Precarious resilience of the boreal forest of eastern North America during the Holocene. <i>Forest Ecology and Management</i> , 2021, 485, 118954.	3.2	5
6	A 2233-year tree-ring chronology of subarctic black spruce (<i>Picea mariana</i>): growth forms response to long-term climate change. <i>Ecoscience</i> , 2021, 28, 399-419.	1.4	6
7	Long-term succession of closed boreal forests at their range limit in eastern North America shows resilience to fire and climate disturbances. <i>Forest Ecology and Management</i> , 2019, 440, 101-112.	3.2	7
8	Black spruce (<i>Picea mariana</i>) colonization of subarctic snowpatches in response to warmer climate. <i>Journal of Ecology</i> , 2019, 107, 1154-1166.	4.0	3
9	Comparative methods for reconstructing fire histories at the stand scale using charcoal records in peat and mineral soils. <i>Forest Ecology and Management</i> , 2019, 433, 376-385.	3.2	12
10	La forêt boréale du Québec: influence du gradient longitudinal. <i>Le Naturaliste Canadien</i> , 2019, 143, 18-32.	0.2	3
11	Macrocharcoal-Based Chronosequences Reveal Shifting Dominance of Conifer Boreal Forests Under Changing Fire Regime. <i>Ecosystems</i> , 2018, 21, 1183-1195.	3.4	8
12	Tamm review: The North-American lichen woodland. <i>Forest Ecology and Management</i> , 2018, 417, 167-183.	3.2	41
13	Surface analysis as a method to reconstruct past and recent dynamics of forest ecosystems. <i>Forest Ecology and Management</i> , 2018, 407, 84-94.	3.2	7
14	Origin of the southernmost Arctic tundra of continental North America. <i>Arctic Science</i> , 2018, 4, 794-812.	2.3	2
15	Sugar maple (<i>Acer saccharum</i>) at its northeastern range limit: a fire-resilient tree species. <i>Botany</i> , 2018, 96, 411-423.	1.0	7
16	Pines and porcupines: a tree-ring analysis of browsing and dynamics of an overmature pine forest. <i>Canadian Journal of Forest Research</i> , 2017, 47, 257-268.	1.7	5
17	Disjunct jack pine (<i>Pinus banksiana</i>) populations of the boreal forest in eastern Canada: expanding, declining, or stable?. <i>Botany</i> , 2017, 95, 697-707.	1.0	9
18	Soil paludification and <i>Sphagnum</i> bog initiation: the influence of indurated podzolic soil and fire. <i>Boreas</i> , 2017, 46, 428-441.	2.4	12

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19	Fire History of Appalachian Forests of the Lower St-Lawrence Region (Southern Quebec). <i>Forests</i> , 2017, 8, 120.	2.1	13
20	Patterns of Early Postfire Succession of Alpine, Subalpine and Lichen-Woodland Vegetation: 21 Years of Monitoring from Permanent Plots. <i>Forests</i> , 2017, 8, 346.	2.1	11
21	Gap expansion in old-growth subarctic forests: the climate-pathogen connection. <i>New Phytologist</i> , 2016, 212, 1044-1056.	7.3	8
22	Long-term fire history of maple (<i>Acer</i>) forest sites in the central St. Lawrence Lowland, Quebec. <i>Canadian Journal of Forest Research</i> , 2016, 46, 822-831.	1.7	9
23	Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. <i>Environmental Research Letters</i> , 2016, 11, 034014.	5.2	199
24	The influence of climate on pool inception in boreal fens. <i>Botany</i> , 2015, 93, 637-649.	1.0	10
25	Holocene dynamics of an eastern hemlock (<i>Tsuga canadensis</i>) forest site at the northern range of the species limit. <i>Holocene</i> , 2015, 25, 1246-1256.	1.7	5
26	Water budget analysis of small forested boreal watersheds: comparison of Sphagnum bog, patterned fen and lake dominated downstream areas in the La Grande River region, Québec. <i>Hydrology Research</i> , 2015, 46, 106-120.	2.7	3
27	Fire history of the central boreal forest in eastern North America reveals stability since the mid-Holocene. <i>Holocene</i> , 2015, 25, 1912-1922.	1.7	31
28	Sugar maple (<i>Acer saccharum</i>) forests at their northern distribution limit are recurrently impacted by fire. <i>Canadian Journal of Forest Research</i> , 2015, 45, 452-462.	1.7	16
29	Frost hollows of the boreal forest: a spatiotemporal perspective. <i>Journal of Ecology</i> , 2015, 103, 669-678.	4.0	11
30	Dynamics of active layer in wooded palsas of northern Quebec. <i>Geomorphology</i> , 2014, 206, 87-96.	2.6	13
31	Holocene development of maritime ombrotrophic peatlands of the St. Lawrence North Shore in eastern Canada. <i>Quaternary Research</i> , 2014, 82, 96-106.	1.7	15
32	Effect of Vegetation Cover on the Ground Thermal Regime of Wooded and Non-Wooded Palsas. Permafrost and Periglacial Processes, 2014, 25, 281-294.	3.4	16
33	Long-term impact of fire on high-altitude balsam fir (<i>Abies balsamea</i>) forests in south-central Quebec deduced from soil charcoal. <i>Canadian Journal of Forest Research</i> , 2013, 43, 188-199.	1.7	23
34	Origin and plant species diversity of high-altitude tundra summits across the boreal forest zone in eastern Canada. <i>Ecoscience</i> , 2013, 20, 283-295.	1.4	1
35	Forest soil paludification and mid-Holocene retreat of jack pine in easternmost North America: Evidence for a climatic shift from fire-prone to peat-prone conditions. <i>Holocene</i> , 2013, 23, 494-503.	1.7	18
36	Long-term fire and forest history of subalpine balsam fir (<i>Abies balsamea</i>) and white spruce (<i>Picea glauca</i>) stands in eastern Canada inferred from soil charcoal analysis. <i>Holocene</i> , 2012, 22, 191-201.	1.7	26

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37	Calculating long-term fire frequency at the stand scale from charcoal data. <i>Ecosphere</i> , 2012, 3, 1-16.	2.2	36
38	Influence of recent fire season and severity on black spruce regeneration in spruce-â€‘moss forests of Quebec, Canada¹This article is one of a selection of papers from the 7th International Conference on Disturbance Dynamics in Boreal Forests.. <i>Canadian Journal of Forest Research</i> , 2012, 42, 1316-1327.	1.7	23
39	Recent impact of fire on high-altitude balsam fir forests in south-central Quebec¹This article is one of a selection of papers from the 7th International Conference on Disturbance Dynamics in Boreal Forests.. <i>Canadian Journal of Forest Research</i> , 2012, 42, 1289-1305.	1.7	14
40	Impact of fire on long-term vegetation dynamics of ombrotrophic peatlands in northwestern QuÃ©bec, Canada. <i>Quaternary Research</i> , 2012, 77, 110-121.	1.7	53
41	How Climate and Fire Disturbances Influence Contrasted Dynamics of <i>Picea glauca</i> Ecotones at Alpine Tree Lines in Atlantic and Continental Eastern North America. , 2012, , 299-312.		1
42	Dendroecological analysis of black spruce in lichen-â€‘spruce woodlands of the closed-crown forest zone in eastern Canada. <i>Ecoscience</i> , 2011, 18, 279-294.	1.4	32
43	Environmental change in the Great Whale River region, Hudson Bay: Five decades of multidisciplinary research by Centre d'Ã©tudes nordiques (CEN). <i>Ecoscience</i> , 2011, 18, 182-203.	1.4	82
44	Un demi-siÃ©cle de recherche au Centre d'Ã©tudes nordiques: un dÃ©fi de tous les instants. <i>Ecoscience</i> , 2011, 18, 171-181.	1.4	2
45	Shifting zonal patterns of the southern boreal forest in eastern Canada associated with changing fire regime during the Holocene. <i>Quaternary Science Reviews</i> , 2011, 30, 867-875.	3.0	30
46	Permineralization process promotes preservation of Holocene macrofossil charcoal in soils. <i>Journal of Quaternary Science</i> , 2011, 26, 571-575.	2.1	16
47	Four millennia of woodland structure and dynamics at the Arctic treeline of eastern Canada. <i>Ecology</i> , 2010, 91, 1367-1379.	3.2	32
48	The Origin and Dynamics of Subalpine White Spruce and Balsam Fir Stands in Boreal Eastern North America. <i>Ecosystems</i> , 2010, 13, 932-947.	3.4	18
49	Phylogeography of white spruce (<i>Picea glauca</i>) in eastern North America reveals contrasting ecological trajectories. <i>Journal of Biogeography</i> , 2010, 37, 741-751.	3.0	61
50	Stability in the patterns of long-term development and growth of the Canadian spruce-â€‘moss forest. <i>Journal of Biogeography</i> , 2010, 37, 1684-1697.	3.0	42
51	Frost-â€‘ring chronologies as dendroclimatic proxies of boreal environments. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	27
52	Statistical Properties of Hydrographs in Minerotrophic Fens and Small Lakes in Mid-Latitude QuÃ©bec, Canada. <i>Canadian Water Resources Journal</i> , 2009, 34, 365-380.	1.2	16
53	Object-based classification of very high resolution panchromatic images for evaluating recent change in the structure of patterned peatlands. <i>Canadian Journal of Remote Sensing</i> , 2009, 35, 189-215.	2.4	43
54	Origin of the lichen-â€‘spruce woodland in the closed-â€‘crown forest zone of eastern Canada. <i>Global Ecology and Biogeography</i> , 2009, 18, 291-303.	5.8	56

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55	Recent permafrost degradation in bogs of the James Bay area, northern Quebec, Canada. <i>Permafrost and Periglacial Processes</i> , 2009, 20, 383-389.	3.4	73
56	Biotic disturbance in expanding subarctic forests along the eastern coast of Hudson Bay. <i>New Phytologist</i> , 2008, 178, 823-834.	7.3	9
57	Primary succession of subarctic vegetation and soil on the fast-rising coast of eastern Hudson Bay, Canada. <i>Journal of Biogeography</i> , 2008, 35, 1989-1999.	3.0	23
58	Spatially explicit fire-climate history of the boreal forest-tundra (Eastern Canada) over the last 2000 years. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 2299-2314.	4.0	41
59	Diatoms: faithful proxy indicators of climate change?. <i>Frontiers in Ecology and the Environment</i> , 2008, 6, 411-411.	4.0	1
60	CONTRASTED DYNAMICS OF NORTHERN LABRADOR TREE LINES CAUSED BY CLIMATE CHANGE AND MIGRATIONAL LAG. <i>Ecology</i> , 2007, 88, 770-780.	3.2	125
61	Collapse of permafrost mounds along a subarctic river over the last 100 years (northern Québec). <i>Geomorphology</i> , 2007, 90, 162-170.	2.6	62
62	Frost hollows of the boreal forest as extreme environments for black spruce tree growth. <i>Canadian Journal of Forest Research</i> , 2007, 37, 492-504.	1.7	35
63	Holocene occurrence of <i>Lophodermium piceae</i> , a black spruce needle endophyte and possible paleoindicator of boreal forest health. <i>Quaternary Research</i> , 2007, 67, 50-56.	1.7	12
64	Peatland development at the arctic tree line (Québec, Canada) influenced by flooding and permafrost. <i>Quaternary Research</i> , 2007, 67, 426-437.	1.7	35
65	Insect-induced tree dieback and mortality gaps in high-altitude balsam fir forests of northern New England and adjacent areas. <i>Ecoscience</i> , 2006, 13, 275-287.	1.4	14
66	Origin and long-term dynamics of a subarctic tree line. <i>Ecoscience</i> , 2006, 13, 135-142.	1.4	21
67	Recent advance of white spruce (<i>Picea glauca</i>) in the coastal tundra of the eastern shore of Hudson Bay (Québec, Canada). <i>Journal of Biogeography</i> , 2006, 33, 2120-2135.	3.0	48
68	Late Holocene opening of the forest tundra landscape in northern Québec, Canada. <i>Global Ecology and Biogeography</i> , 2005, 14, 307-313.	5.8	40
69	Latitudinal response of subarctic tree lines to recent climate change in eastern Canada. <i>Journal of Biogeography</i> , 2005, 32, 849-862.	3.0	108
70	Detecting local-scale fire episodes on pollen slides. <i>Review of Palaeobotany and Palynology</i> , 2005, 137, 31-40.	1.5	26
71	Reconstruction of the long-term fire history of an old-growth deciduous forest in Southern Québec, Canada, from charred wood in mineral soils. <i>Quaternary Research</i> , 2005, 64, 36-43.	1.7	64
72	Late Holocene deforestation of a tree line site: estimation of pre-fire vegetation composition and black spruce cover using soil charcoal. <i>Ecography</i> , 2005, 28, 801-805.	4.5	25

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73	THE CREATION OF ALTERNATIVE STABLE STATES IN THE SOUTHERN BOREAL FOREST, QUÉBEC, CANADA. Ecological Monographs, 2005, 75, 561-583.	5.4	155
74	Long-term Interactions between Migratory Caribou, Wildfires and Nunavik Hunters Inferred from Tree Rings. Ambio, 2004, 33, 482-486.	5.5	22
75	Caribou-induced changes in species dominance of lichen woodlands: an analysis of plant remains. American Journal of Botany, 2004, 91, 422-429.	1.7	21
76	Height growth response of tree line black spruce to recent climate warming across the forest-tundra of eastern Canada. Journal of Ecology, 2004, 92, 835-845.	4.0	122
77	Accelerated thawing of subarctic peatland permafrost over the last 50 years. Geophysical Research Letters, 2004, 31, .	4.0	327
78	DYNAMICS OF SUBARCTIC WETLAND FORESTS OVER THE PAST 1500 YEARS. Ecological Monographs, 2004, 74, 373-391.	5.4	38
79	Growth performance of <i>Cladina stellaris</i> following caribou disturbance in subarctic Quebec. Ecoscience, 2004, 11, 347-355.	1.4	16
80	Shift of Conifer Boreal Forest to Lichen-Heath Parkland Caused by Successive Stand Disturbances. Ecosystems, 2003, 6, 540-550.	3.4	77
81	The northern limit of <i>Pinus banksiana</i> Lamb. in Canada: explaining the difference between the eastern and western distributions. Journal of Biogeography, 2003, 30, 1709-1718.	3.0	30
82	Shift of Conifer Boreal Forest to Lichen-Heath Parkland Caused by Successive Stand Disturbances. Ecosystems, 2003, 6, 540-550.	3.4	29
83	Recent Decline of the George River Caribou Herd as Revealed by Tree-Ring Analysis. Arctic, Antarctic, and Alpine Research, 2003, 35, 187-195.	1.1	29
84	Relationships between anatomical and densitometric characteristics of black spruce and summer temperature at tree line in northern Quebec. Canadian Journal of Forest Research, 2002, 32, 477-486.	1.7	93
85	Development of stunted black spruce (<i>Picea mariana</i>) clones in the subarctic environment: A dendroarchitectural analysis. Ecoscience, 2001, 8, 489-498.	1.4	23
86	1300-year tree-ring width and density series based on living, dead and subfossil black spruce at tree-line in Subarctic Quebec, Canada. Holocene, 2001, 11, 333-341.	1.7	32
87	The Subarctic Forest-Tundra: The Structure of a Biome in a Changing Climate. BioScience, 2001, 51, 709.	4.9	149
88	Black spruce decline triggered by spruce budworm at the southern limit of lichen woodland in eastern Canada. Canadian Journal of Forest Research, 2001, 31, 2160-2172.	1.7	34
89	Life span and biomass allocation of stunted black spruce clones in the subarctic environment. Journal of Ecology, 2000, 88, 584-593.	4.0	48
90	A Quantitative Definition of Light Rings in Black Spruce (<i>Picea mariana</i>) at the Arctic Treeline in Northern Québec, Canada. Arctic, Antarctic, and Alpine Research, 2000, 32, 324-330.	1.1	13

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91	Recent Permafrost Dynamics in a Subarctic Floodplain Associated with Changing Water Levels, QuÃ©bec, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2000, 32, 316-323.	1.1	16
92	Origin of the lichen woodland at its southern range limit in eastern Canada: the catastrophic impact of insect defoliators and fire on the spruce-moss forest. <i>Canadian Journal of Forest Research</i> , 2000, 30, 288-305.	1.7	114
93	Long-term fluctuations of a caribou population revealed by tree-ring data. <i>Canadian Journal of Zoology</i> , 2000, 78, 1784-1790.	1.0	32
94	Recent Permafrost Dynamics in a Subarctic Floodplain Associated with Changing Water Levels, Quebec, Canada. <i>Arctic, Antarctic, and Alpine Research</i> , 2000, 32, 316.	1.1	17
95	Development of black spruce growth forms at treeline. <i>Plant Ecology</i> , 1998, 138, 137-147.	1.6	64
96	Insect defoliators as major disturbance factors in the high-altitude balsam fir forest of Mount MAÛgantic, southern Quebec. <i>Canadian Journal of Forest Research</i> , 1998, 28, 1832-1842.	1.7	34
97	A dendroecological method to evaluate past caribou (<i>Rangifer tarandus</i> L.) activity. <i>Ecoscience</i> , 1998, 5, 64-76.	1.4	40
98	Chronologie des cernes pÃ©cles de lâ€™Ã©pinette noire (<i>Picea mariana</i> [Mill.] BSP.) au QuÃ©bec subarctique : de 706 Ã 1675 ap. J.-C.. <i>GÃ©ographie Physique Et Quatenaire</i> , 1998, 52, 219-226.	0.2	10
99	Late-Holocene light-ring chronologies from subfossil black spruce stems in mires of subarctic QuÃ©bec. <i>Holocene</i> , 1997, 7, 129-137.	1.7	13
100	RECONSTRUCTION OF MILLENNIAL FOREST DYNAMICS FROM TREE REMAINS IN A SUBARCTIC TREE LINE PEATLAND. <i>Ecology</i> , 1997, 78, 1873-1883.	3.2	61
101	LANDSCAPE CHANGE FOLLOWING DEFORESTATION AT THE ARCTIC TREE LINE IN QUÃ©BEC, CANADA. <i>Ecology</i> , 1997, 78, 693-706.	3.2	34
102	Late-Holocene Expansion of Eastern Larch (<i>Larix laricina</i> [Du Roi] K. Koch) in Northwestern QuÃ©bec. <i>Quaternary Research</i> , 1997, 48, 114-121.	1.7	17
103	Patterns of tree stem decline along a snow-drift gradient at treeline: a case study using stem analysis. <i>Canadian Journal of Botany</i> , 1996, 74, 1671-1683.	1.1	37
104	The Long-Term Stability of the Boreal Forest Limit in Subarctic Quebec. <i>Ecology</i> , 1996, 77, 1226-1233.	3.2	41
105	Recent Advance of the Arctic Treeline Along the Eastern Coast of Hudson Bay. <i>Journal of Ecology</i> , 1995, 83, 929.	4.0	118
106	Long-Term Monitoring of Permafrost Change in a Palsa Peatland in Northern Quebec, Canada: 1983-1993. <i>Arctic and Alpine Research</i> , 1995, 27, 167.	1.3	57
107	Recent Fluctuations of the Lichen-Spruce Forest Limit in Subarctic Quebec. <i>Journal of Ecology</i> , 1994, 82, 725.	4.0	77
108	Growth of Black Spruce at Its Northern Range Limit in Arctic Quebec, Canada. <i>Arctic and Alpine Research</i> , 1994, 26, 174.	1.3	14

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109	Stem Analysis of a Long-Lived Black Spruce Clone at Treeline. <i>Arctic and Alpine Research</i> , 1994, 26, 56.	1.3	14
110	Holocene Relict Woodlands at the Eastern Canadian Treeline. <i>Quaternary Research</i> , 1993, 39, 84-89.	1.7	65
111	Holocene water-level fluctuations of a subarctic lake at the tree line in northern Québec. <i>Boreas</i> , 1993, 22, 7-14.	2.4	59
112	Origin and Significance of Subarctic Patchy Podzolic Soils and Paleosols. <i>Arctic and Alpine Research</i> , 1993, 25, 267.	1.3	18
113	The range limit of boreal tree species in Québec-Labrador: an ecological and palaeoecological interpretation. <i>Review of Palaeobotany and Palynology</i> , 1993, 79, 7-30.	1.5	91
114	The Holocene Dynamics of Jack Pine at Its Northern Range Limit in Quebec. <i>Journal of Ecology</i> , 1993, 81, 719.	4.0	27
115	A Postfire Shift From Lichen-Spruce to Lichen-Tundra Vegetation at Tree Line. <i>Ecology</i> , 1992, 73, 1067-1081.	3.2	60
116	Recent dynamics of jack pine at its northern distribution limit in northern Quebec. <i>Canadian Journal of Botany</i> , 1992, 70, 1157-1167.	1.1	105
117	Black Spruce Growth Forms as a Record of a Changing Winter Environment at Treeline, Quebec, Canada. <i>Arctic and Alpine Research</i> , 1992, 24, 40.	1.3	91
118	Fire as a controlling process in the North American boreal forest. , 1992, , 144-169.		213
119	Spatiotemporal distribution of light rings in subarctic black spruce, Quebec. <i>Canadian Journal of Forest Research</i> , 1991, 21, 1828-1832.	1.7	24
120	SEED DYNAMICS OF ABIES BALSAMEA AND ACER SACCHARUM IN A DECIDUOUS FOREST OF NORTHEASTERN NORTH AMERICA. <i>American Journal of Botany</i> , 1991, 78, 895-905.	1.7	19
121	Reduced Postfire Tree Regeneration Along A Boreal Forest-Forest-Tundra Transect in Northern Quebec. <i>Ecology</i> , 1991, 72, 619-627.	3.2	86
122	Variations saisonnières du niveau d'eau dans le bassin de la rivière Boniface (Québec nordique): une analyse dendroécologique. <i>Géographie Physique Et Quaternaire</i> , 1991, 45, 59-67.	0.2	29
123	The late Holocene record of aeolian and fire activity in northern Québec, Canada. <i>Holocene</i> , 1991, 1, 201-208.	1.7	59
124	Seed Dynamics of <i>Betula Alleghaniensis</i> in a Deciduous Forest of North- Eastern North America. <i>Journal of Ecology</i> , 1990, 78, 677.	4.0	34
125	Disturbance regime of a cold temperate forest as deduced from tree-ring patterns: the Tantaré Ecological Reserve, Quebec. <i>Canadian Journal of Forest Research</i> , 1990, 20, 1228-1241.	1.7	134
126	Recent Fire History of the Northern Quebec Biomes. <i>Ecology</i> , 1989, 70, 656-673.	3.2	189

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127	Reconstruction of tree-line vegetation response to long-term climate change. <i>Nature</i> , 1989, 341, 429-432.	27.8	148
128	Subarctic Lichen Polygons and Soil Development along a Colonization Gradient on Eolian Sands. <i>Arctic and Alpine Research</i> , 1989, 21, 175.	1.3	11
129	Postfire lichen spruce woodland recovery at the limit of the boreal forest in northern Quebec. <i>Canadian Journal of Botany</i> , 1989, 67, 2770-2782.	1.1	214
130	Postfire black spruce establishment in subarctic and boreal Quebec. <i>Canadian Journal of Forest Research</i> , 1989, 19, 1571-1580.	1.7	54
131	Dendroecological Evidence of Lake-Level Changes during the Last Three Centuries in Subarctic Québec. <i>Quaternary Research</i> , 1988, 30, 210-220.	1.7	73
132	Late-Holocene Development of Subarctic Ombrotrophic Peatlands: Allogenic and Autogenic Succession. <i>Ecology</i> , 1988, 69, 516-531.	3.2	63
133	Holocene gelifluction in a snow patch environment at the Forest-Tundra Transition along the eastern Hudson Bay Coast, Canada. <i>Boreas</i> , 1988, 17, 79-88.	2.4	18
134	Chronologie 14C et développement des combes à neige du lac à l'Eau Claire, Québec nordique. <i>Géographie Physique Et Quaternaire</i> , 1987, 41, 97-108.	0.2	12
135	Light Rings in Subarctic Conifers as a Dendrochronological Tool. <i>Quaternary Research</i> , 1986, 26, 272-279.	1.7	165
136	Glifluxion néoglaciale dans une combe à neige à la limite des arbres, Québec nordique. <i>Géographie Physique Et Quaternaire</i> , 1985, 39, 91-97.	0.2	12
137	Late Holocene deforestation and tree regeneration in the forest-tundra of Québec. <i>Nature</i> , 1985, 313, 570-572.	27.8	159
138	Secular climate change in old-growth tree-line vegetation of northern Quebec. <i>Nature</i> , 1985, 315, 135-138.	27.8	152
139	White spruce expansion at the tree line and recent climatic change. <i>Canadian Journal of Forest Research</i> , 1985, 15, 241-251.	1.7	186
140	Expansion récente du mûrier à la limite des forêts (Québec nordique). <i>Canadian Journal of Botany</i> , 1984, 62, 1404-1408.	1.1	36
141	Ecology of a Black Spruce (<i>Picea mariana</i>) Clonal Population in the Hemiarctic Zone, Northern Quebec: Population Dynamics and Spatial Development. <i>Arctic and Alpine Research</i> , 1981, 13, 261.	1.3	44
142	Les combes à neige de la rivière aux Feuilles (Nouveau-Québec): indicateurs paléoclimatiques holocènes. <i>Géographie Physique Et Quaternaire</i> , 1980, 34, 209-220.	0.2	28
143	The evolution of permafrost in the taiga and in the forest-tundra, western Québec-Labrador Peninsula. <i>Canadian Journal of Forest Research</i> , 1976, 6, 203-220.	1.7	46
144	Analyse dendroclimatique d'un krummholz à la limite des arbres, lac Bush, Québec nordique. <i>Géographie Physique Et Quaternaire</i> , 0, 39, 221-226.	0.2	14