

# Yves Bergeron

## List of Publications by Year in Descending Order

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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.

489  
papers

18,692  
citations

76  
h-index

111  
g-index

501  
ext. papers

21,193  
ext. citations

3.7  
avg, IF

6.92  
L-index

#	Paper	IF	Citations
489	Assessing forest fire properties in Northeastern Asia and Southern China with satellite microwave Emissivity Difference Vegetation Index (EDVI). <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , <b>2022</b> , 183, 54-65	11.8	0
488	Smartforests Canada: A Network of Monitoring Plots for Forest Management Under Environmental Change. <i>Managing Forest Ecosystems</i> , <b>2022</b> , 521-543	0.7	3
487	Scandinavian Forest Fire Activity Correlates with Proxies of the Baffin Bay Ice Cover. <i>Forests</i> , <b>2022</b> , 13, 60	2.8	0
486	North American tree migration paced by climate in the West, lagging in the East.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	6
485	Insect defoliation modulates influence of climate on the growth of tree species in the boreal mixed forests of eastern Canada.. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8656	2.8	1
484	Mitigating post-fire regeneration failure in boreal landscapes with reforestation and variable retention harvesting: At what cost?. <i>Canadian Journal of Forest Research</i> , <b>2022</b> , 52, 568-581	1.9	1
483	Projected changes in fire activity and severity feedback in the sprucefeather moss forest of western Quebec, Canada. <i>Trees, Forests and People</i> , <b>2022</b> , 8, 100229	1.8	0
482	Dominance of coniferous and broadleaved trees drives bacterial associations with boreal feather mosses.. <i>Environmental Microbiology</i> , <b>2022</b> ,	5.2	1
481	Variability in frost occurrence under climate change and consequent risk of damage to trees of western Quebec, Canada.. <i>Scientific Reports</i> , <b>2022</b> , 12, 7220	4.9	0
480	Limits to reproduction and seed size-number trade-offs that shape forest dominance and future recovery.. <i>Nature Communications</i> , <b>2022</b> , 13, 2381	17.4	2
479	Increasing fire and the decline of fire adapted black spruce in the boreal forest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	18
478	Influences of climate fluctuations on northeastern North America's burned areas largely outweigh those of European settlement since AD 1850. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 114007	6.2	0
477	Earlywood Vessels in Black Ash ( Marsh.) Trees Show Contrasting Sensitivity to Hydroclimate Variables According to Flood Exposure. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 754596	6.2	2
476	Flood-Rings Production Modulated by River Regulation in Eastern Boreal Canada. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 757280	6.2	
475	Radial growth responses of two dominant conifers to climate in the Altai Mountains, Central Asia. <i>Agricultural and Forest Meteorology</i> , <b>2021</b> , 298-299, 108297	5.8	3
474	Compared to Wildfire, Management Practices Reduced Old-Growth Forest Diversity and Functionality in Primary Boreal Landscapes of Eastern Canada. <i>Frontiers in Forests and Global Change</i> , <b>2021</b> , 4,	3.7	8
473	Disentangling the effect of topography and microtopography on near-ground growing-season frosts at the boreal-temperate forest ecotone (Qubec, Canada). <i>New Forests</i> , <b>2021</b> , 52, 1079	2.6	2

472	A 249-yr chronosequence of forest plots from eight successive fires in the Eastern Canada boreal mixedwoods. <i>Ecology</i> , <b>2021</b> , 102, e03306	4.6	0
471	Role of Mixed-Species Stands in Attenuating the Vulnerability of Boreal Forests to Climate Change and Insect Epidemics. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 658880	6.2	1
470	Multi-century tree-ring anatomical evidence reveals increasing frequency and magnitude of spring discharge and floods in eastern boreal Canada. <i>Global and Planetary Change</i> , <b>2021</b> , 199, 103444	4.2	6
469	Contrasting Growth Response of Jack Pine and Trembling Aspen to Climate Warming in Quebec Mixedwoods Forests of Eastern Canada Since the Early Twentieth Century. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2021</b> , 126, e2020JG005873	3.7	1
468	Spatial coherency of the spring flood signal among major river basins of eastern boreal Canada inferred from flood rings. <i>Journal of Hydrology</i> , <b>2021</b> , 596, 126084	6	6
467	sPlotOpen [An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , <b>2021</b> , 30, 1740-1764	6.1	6
466	Factors explaining the composition and diversity of vascular plant understories along a transcontinental gradient in the Canadian boreal forest. <i>Journal of Vegetation Science</i> , <b>2021</b> , 32, e13058	3.1	0
465	Scale-dependent changes in tree diversity over more than a century in eastern Canada: Landscape diversification and regional homogenization. <i>Journal of Ecology</i> , <b>2021</b> , 109, 273-283	6	3
464	Height growth stagnation of planted spruce in boreal mixedwoods: Importance of landscape, microsite, and growing-season frosts. <i>Forest Ecology and Management</i> , <b>2021</b> , 479, 118533	3.9	3
463	Modelling the influence of different harvesting methods on forest dynamics in the boreal mixedwoods of western Quebec, Canada. <i>Forest Ecology and Management</i> , <b>2021</b> , 479, 118545	3.9	2
462	Influence of habitat availability and fire disturbance on a northern range boundary. <i>Journal of Biogeography</i> , <b>2021</b> , 48, 394-404	4.1	5
461	Influence of soil warming and N-addition on sap flux density and stem radius variation in boreal stands in Quebec, Canada. <i>Ecohydrology</i> , <b>2021</b> , 14, e2261	2.5	
460	Continent-wide tree fecundity driven by indirect climate effects. <i>Nature Communications</i> , <b>2021</b> , 12, 124217.4	17.4	17
459	Partial Harvest in Paludified Black Spruce Stand: Short-Term Effects on Water Table and Variation in Stem Diameter. <i>Forests</i> , <b>2021</b> , 12, 271	2.8	0
458	Sphagnum and feather moss-associated N <sub>2</sub> fixation along a 724-year chronosequence in eastern boreal Canada. <i>Plant Ecology</i> , <b>2021</b> , 222, 1007-1022	1.7	0
457	Is there tree senescence? The fecundity evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	13
456	Trends and patterns in annually burned forest areas and fire weather across the European boreal zone in the 20th and early 21st centuries. <i>Agricultural and Forest Meteorology</i> , <b>2021</b> , 306, 108467	5.8	4
455	Can understory functional traits predict post-harvest forest productivity in boreal ecosystems?. <i>Forest Ecology and Management</i> , <b>2021</b> , 495, 119375	3.9	0

454	352 years long fire history of a Siberian boreal forest and its primary driving factor. <i>Global and Planetary Change</i> , <b>2021</b> , 103653	4.2	3
453	Modeling paludification and fire impacts on the forest productivity of a managed landscape using valuable indicators: the example of the Clay Belt. <i>Canadian Journal of Forest Research</i> , <b>2021</b> , 51, 1347-1358	1.9	3
452	Tree-rings, genetics and the environment: Complex interactions at the rear edge of species distribution range. <i>Dendrochronologia</i> , <b>2021</b> , 69, 125863	2.8	2
451	Contrasting life-history traits of black spruce and jack pine influence their physiological response to drought and growth recovery in northeastern boreal Canada. <i>Science of the Total Environment</i> , <b>2021</b> , 794, 148514	10.2	2
450	Are periodic (intra-annual) tangential bands of vessels in diffuse-porous tree species the equivalent of flood rings in ring-porous species? Reproducibility and cause. <i>Dendrochronologia</i> , <b>2021</b> , 70, 125889	2.8	2
449	Strong overestimation of water-use efficiency responses to rising CO in tree-ring studies. <i>Global Change Biology</i> , <b>2020</b> , 26, 4538-4558	11.4	20
448	Boreal-forest soil chemistry drives soil organic carbon bioreactivity along a 314-year fire chronosequence. <i>Soil</i> , <b>2020</b> , 6, 195-213	5.8	1
447	Spatiotemporal Variations of Satellite Microwave Emissivity Difference Vegetation Index in China Under Clear and Cloudy Skies. <i>Earth and Space Science</i> , <b>2020</b> , 7, e2020EA001145	3.1	8
446	The reconstruction of burned area and fire severity using charcoal from boreal lake sediments. <i>Holocene</i> , <b>2020</b> , 30, 1400-1409	2.6	11
445	Effects of lichen, Sphagnum spp. and feather moss leachates on jack pine and black spruce seedling growth. <i>Plant and Soil</i> , <b>2020</b> , 452, 441-455	4.2	1
444	Composition Changes in the Boreal Mixedwood Forest of Western Quebec Since Euro-Canadian Settlement. <i>Frontiers in Ecology and Evolution</i> , <b>2020</b> , 8,	3.7	6
443	Modelling Post-Disturbance Successional Dynamics of the Canadian Boreal Mixedwoods. <i>Forests</i> , <b>2020</b> , 11, 3	2.8	5
442	Contrasting Root System Structure and Belowground Interactions between Black Spruce ( <i>Picea mariana</i> (Mill.) B.S.P) and Trembling Aspen ( <i>Populus tremuloides</i> Michx) in Boreal Mixedwoods of Eastern Canada. <i>Forests</i> , <b>2020</b> , 11, 127	2.8	9
441	Long-Term Carbon Sequestration in Boreal Forested Peatlands in Eastern Canada. <i>Ecosystems</i> , <b>2020</b> , 23, 1481-1493	3.9	4
440	Multi-century reconstruction suggests complex interactions of climate and human controls of forest fire activity in a Karelian boreal landscape, North-West Russia. <i>Forest Ecology and Management</i> , <b>2020</b> , 459, 117770	3.9	11
439	Reply to Elmendorf and Ettinger: Photoperiod plays a dominant and irreplaceable role in triggering secondary growth resumption. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> ,	11.5	2
438	Long-Term Steady-State Dry Boreal Forest in the Face of Disturbance. <i>Ecosystems</i> , <b>2020</b> , 23, 1075-1092	3.9	3
437	Priority effects will impede range shifts of temperate tree species into the boreal forest. <i>Journal of Ecology</i> , <b>2020</b> , 108, 1155-1173	6	9

436	Fire Detection and Fire Radiative Power in Forests and Low-Biomass Lands in Northeast Asia: MODIS versus VIIRS Fire Products. <i>Remote Sensing</i> , <b>2020</b> , 12, 2870	5	11
435	Analysis of the Effect of Climate Warming on Paludification Processes: Will Soil Conditions Limit the Adaptation of Northern Boreal Forests to Climate Change? A Synthesis. <i>Forests</i> , <b>2020</b> , 11, 1176	2.8	5
434	Temperature and fuel availability control fire size/severity in the boreal forest of central Northwest Territories, Canada. <i>Quaternary Science Reviews</i> , <b>2020</b> , 250, 106697	3.9	8
433	Success Factors for Experimental Partial Harvesting in Unmanaged Boreal Forest: 10-Year Stand Yield Results. <i>Forests</i> , <b>2020</b> , 11, 1199	2.8	14
432	Probability of Spring Frosts, Not Growing Degree-Days, Drives Onset of Spruce Bud Burst in Plantations at the Boreal-Temperate Forest Ecotone. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 1031	6.2	12
431	Photoperiod and temperature as dominant environmental drivers triggering secondary growth resumption in Northern Hemisphere conifers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 20645-20652	11.5	45
430	A Holocene Perspective of Vegetation Controls on Seasonal Boreal Wildfire Sizes Using Numerical Paleo-Ecology. <i>Frontiers in Forests and Global Change</i> , <b>2020</b> , 3,	3.7	2
429	Growing-season frost is a better predictor of tree growth than mean annual temperature in boreal mixedwood forest plantations. <i>Global Change Biology</i> , <b>2020</b> , 26, 6537-6554	11.4	9
428	Importance of Soil, Stand, and Mycorrhizal Fungi in <i>Abies balsamea</i> Establishment in the Boreal Forest. <i>Forests</i> , <b>2020</b> , 11, 815	2.8	1
427	Decadal-Scale Recovery of Carbon Stocks After Wildfires Throughout the Boreal Forests. <i>Global Biogeochemical Cycles</i> , <b>2020</b> , 34, e2020GB006612	5.9	6
426	How Initial Forest Cover, Site Characteristics and Fire Severity Drive the Dynamics of the Southern Boreal Forest. <i>Remote Sensing</i> , <b>2020</b> , 12, 3957	5	0
425	Drivers of Boreal Tree Growth and Stand Opening: The Case of Jack Pine on Sandy Soils. <i>Ecosystems</i> , <b>2020</b> , 23, 586-601	3.9	2
424	Coniferization of the mixed-wood boreal forests under warm climate. <i>Journal of Quaternary Science</i> , <b>2019</b> , 34, 509-518	2.3	1
423	North America's oldest boreal trees are more efficient water users due to increased [CO <sub>2</sub> ], but do not grow faster. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 2749-2754	11.5	57
422	Influence of fire and harvest severity on understory plant communities. <i>Forest Ecology and Management</i> , <b>2019</b> , 436, 88-104	3.9	6
421	sPlot: A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , <b>2019</b> , 30, 161-186	3.1	96
420	Persistence of balsam fir and black spruce populations in the mixedwood and coniferous bioclimatic domain of eastern North America. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 5118-5132	2.8	2
419	Estimation of Vegetation Latent Heat Flux over Three Forest Sites in ChinaFLUX using Satellite Microwave Vegetation Water Content Index. <i>Remote Sensing</i> , <b>2019</b> , 11, 1359	5	7

418	Analyzing risk of regeneration failure in the managed boreal forest of northwestern Quebec. <i>Canadian Journal of Forest Research</i> , <b>2019</b> , 49, 680-691	1.9	22
417	Novel insights into the genetic diversity and clonal structure of natural trembling aspen ( <i>Populus tremuloides</i> Michx.) populations: A transcontinental study. <i>Journal of Biogeography</i> , <b>2019</b> , 46, 1124-1137	4.1	1
416	Tracking Open Versus Closed-Canopy Boreal Forest Using the Geochemistry of Lake Sediment Deposits. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2019</b> , 124, 1278-1289	3.7	
415	Taxonomy, together with ontogeny and growing conditions, drives needleleaf species' sensitivity to climate in boreal North America. <i>Global Change Biology</i> , <b>2019</b> , 25, 2793-2809	11.4	24
414	Intra-Ring Variations and Interrelationships for Selected Wood Anatomical and Physical Properties of <i>Thuja Occidentalis</i> L.. <i>Forests</i> , <b>2019</b> , 10, 339	2.8	2
413	Stronger influence of anthropogenic disturbance than climate change on century-scale compositional changes in northern forests. <i>Nature Communications</i> , <b>2019</b> , 10, 1265	17.4	56
412	Increases in heat-induced tree mortality could drive reductions of biomass resources in Canada's managed boreal forest. <i>Landscape Ecology</i> , <b>2019</b> , 34, 403	4.3	17
411	Limited recruitment of eastern white cedar ( <i>Thuja occidentalis</i> L.) under black spruce canopy at its northern distribution limit. <i>Ecoscience</i> , <b>2019</b> , 26, 123-132	1.1	3
410	Lichens Contribute to Open Woodland Stability in the Boreal Forest Through Detrimental Effects on Pine Growth and Root Ectomycorrhizal Development. <i>Ecosystems</i> , <b>2019</b> , 22, 189-201	3.9	6
409	A chironomid-inferred Holocene temperature record from a shallow Canadian boreal lake: potentials and pitfalls. <i>Journal of Paleolimnology</i> , <b>2019</b> , 61, 69-84	2.1	2
408	Disentangling Effects of Time Since Fire, Overstory Composition and Organic Layer Thickness on Nutrient Availability in Canadian Boreal Forest. <i>Ecosystems</i> , <b>2019</b> , 22, 33-48	3.9	7
407	Facilitation of Balsam Fir by Trembling Aspen in the Boreal Forest: Do Ectomycorrhizal Communities Matter?. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 932	6.2	3
406	Geographic scale and disturbance influence intraspecific trait variability in leaves and roots of North American understorey plants. <i>Functional Ecology</i> , <b>2019</b> , 33, 1771-1784	5.6	16
405	Geographic isolation and climatic variability contribute to genetic differentiation in fragmented populations of the long-lived subalpine conifer <i>Pinus cembra</i> L. in the western Alps. <i>BMC Evolutionary Biology</i> , <b>2019</b> , 19, 190	3	13
404	Effects of Mechanical Site Preparation on Microsite Availability and Growth of Planted Black Spruce in Canadian Paludified Forests. <i>Forests</i> , <b>2019</b> , 10, 670	2.8	7
403	Decline in the strength of genetic controls on aspen environmental responses from seasonal to century-long phenomena. <i>Ecosphere</i> , <b>2019</b> , 10, e02869	3.1	0
402	The Combined Role of Retention Pattern and Post-Harvest Site Preparation in Regulating Plant Functional Diversity: A Case Study in Boreal Forest Ecosystems. <i>Forests</i> , <b>2019</b> , 10, 1006	2.8	1
401	Coherent signature of warming-induced extreme sub-continental boreal wildfire activity 4800 and 1100 years BP. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 124042	6.2	5



390	Spatial distribution of mean fire size and occurrence in eastern Canada: influence of climate, physical environment and lightning strike density. <i>International Journal of Wildland Fire</i> , <b>2019</b> , 28, 927	3.2	5
399	The regeneration of balsam fir stands in their northern abundance limit is more related to their seed sources and soil types than the climate. <i>Canadian Journal of Forest Research</i> , <b>2019</b> , 49, 198-204	1.9	1
398	Spatiotemporal evolution of paludification associated with autogenic and allogenic factors in the black spruce-thoss boreal forest of Qubec, Canada. <i>Quaternary Research</i> , <b>2019</b> , 91, 650-664	1.9	7
397	Long-term changes in the impacts of global warming on leaf phenology of four temperate tree species. <i>Global Change Biology</i> , <b>2019</b> , 25, 997-1004	11.4	42
396	Position of cones within cone clusters determines seed survival in black spruce during wildfire. <i>Canadian Journal of Forest Research</i> , <b>2019</b> , 49, 121-127	1.9	7
395	Interactions among trees: A key element in the stabilising effect of species diversity on forest growth. <i>Functional Ecology</i> , <b>2019</b> , 33, 360-367	5.6	18
394	Changes in forest structure along a chronosequence in the black spruce boreal forest: Identifying structures to be reproduced through silvicultural practices. <i>Ecological Indicators</i> , <b>2019</b> , 97, 89-99	5.8	16
393	Holocene vegetation dynamics and hydrological variability in forested peatlands of the Clay Belt, eastern Canada, reconstructed using a palaeoecological approach. <i>Boreas</i> , <b>2019</b> , 48, 131-146	2.4	9
392	Differential effects of feather and Sphagnum spp. mosses on black spruce germination and growth. <i>Forest Ecology and Management</i> , <b>2018</b> , 415-416, 10-18	3.9	10
391	Influence of northern limit range on genetic diversity and structure in a widespread North American tree, sugar maple ( Marshall). <i>Ecology and Evolution</i> , <b>2018</b> , 8, 2766-2780	2.8	6
390	Spring phenology at different altitudes is becoming more uniform under global warming in Europe. <i>Global Change Biology</i> , <b>2018</b> , 24, 3969-3975	11.4	33
389	Accounting for spatial autocorrelation improves the estimation of climate, physical environment and vegetation's effects on boreal forest's burn rates. <i>Landscape Ecology</i> , <b>2018</b> , 33, 19-34	4.3	11
388	Major postglacial summer temperature changes in the central coniferous boreal forest of Quebec (Canada) inferred using chironomid assemblages. <i>Journal of Quaternary Science</i> , <b>2018</b> , 33, 409-420	2.3	9
387	Post-1980 shifts in the sensitivity of boreal tree growth to North Atlantic Ocean dynamics and seasonal climate. <i>Global and Planetary Change</i> , <b>2018</b> , 165, 1-12	4.2	12
386	Are marginal balsam fir and eastern white cedar stands relics from once more extensive populations in north-eastern North America?. <i>Holocene</i> , <b>2018</b> , 28, 1672-1679	2.6	5
385	Satellite-Observed Impacts of Wildfires on Regional Atmosphere Composition and the Shortwave Radiative Forcing: A Multiple Case Study. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 8326	4.4	6
384	Guidelines for the use and interpretation of palaeofire reconstructions based on various archives and proxies. <i>Quaternary Science Reviews</i> , <b>2018</b> , 193, 312-322	3.9	25
383	Changes in bryophytes assemblages along a chronosequence in eastern boreal forest of Quebec. <i>Canadian Journal of Forest Research</i> , <b>2018</b> , 48, 821-834	1.9	13

382	Beneficial effects of climate warming on boreal tree growth may be transitory. <i>Nature Communications</i> , <b>2018</b> , 9, 3213	17.4	84
381	Does time since fire drive live aboveground biomass and stand structure in low fire activity boreal forests? Impacts on their management. <i>Journal of Environmental Management</i> , <b>2018</b> , 225, 346-355	7.9	17
380	Untangling methodological and scale considerations in growth and productivity trend estimates of Canada's forests. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 093001	6.2	21
379	Dynamics of detrital carbon pools following harvesting of a humid eastern Canadian balsam fir boreal forest. <i>Forest Ecology and Management</i> , <b>2018</b> , 430, 33-42	3.9	14
378	The colonization of young fire initiated stands by the crustose lichen <i>Trapeliopsis granulosa</i> and its potential effect on conifer establishment and stand succession. <i>Silva Fennica</i> , <b>2018</b> , 52,	1.9	2
377	Monitoring Climate Sensitivity Shifts in Tree-Rings of Eastern Boreal North America Using Model-Data Comparison. <i>Ecosystems</i> , <b>2018</b> , 21, 1042-1057	3.9	10
376	Anthropogenic disturbances strengthened tree community-environment relationships at the temperate-boreal interface. <i>Landscape Ecology</i> , <b>2018</b> , 33, 213-224	4.3	6
375	Range Extensions of 35 Bryophyte Species in the Black Spruce-Heather Moss Forest of Western Quebec, Canada. <i>Canadian Field-Naturalist</i> , <b>2018</b> , 131, 258-269	0.8	2
374	Ecosystem management in paludified boreal forests: enhancing wood production, biodiversity, and carbon sequestration at the landscape level. <i>Forest Ecosystems</i> , <b>2018</b> , 5,	3.8	14
373	Digital mapping of paludification in soils under black spruce forests of eastern Canada. <i>Geoderma Regional</i> , <b>2018</b> , 15, e00194	2.7	8
372	Changes in Spatiotemporal Patterns of 20th Century Spruce Budworm Outbreaks in Eastern Canadian Boreal Forests. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1905	6.2	62
371	Soil data for mapping paludification in black spruce forests of eastern Canada. <i>Data in Brief</i> , <b>2018</b> , 21, 2616-2621	1.2	2
370	A Holocene landscape dynamic multiproxy reconstruction: How do interactions between fire and insect outbreaks shape an ecosystem over long time scales?. <i>PLoS ONE</i> , <b>2018</b> , 13, e0204316	3.7	11
369	Local adaptation of trees at the range margins impacts range shifts in the face of climate change. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 1507-1519	6.1	20
368	Impact of local forest composition on soil fungal communities in a mixed boreal forest. <i>Plant and Soil</i> , <b>2018</b> , 432, 345-357	4.2	22
367	Recent fire activity in the boreal eastern interior of North America is below that of the past 2000 yr. <i>Ecosphere</i> , <b>2018</b> , 9, e02287	3.1	8
366	Using paleoecology to improve reference conditions for ecosystem-based management in western spruce-moss subdomain of Québec. <i>Forest Ecology and Management</i> , <b>2018</b> , 430, 157-165	3.9	7
365	Have some landscapes in the eastern Canadian boreal forest moved beyond their natural range of variability?. <i>Forest Ecosystems</i> , <b>2018</b> , 5,	3.8	12



364	The pyrogeography of eastern boreal Canada from 1901 to 2012 simulated with the LPJ-LMfire model. <i>Biogeosciences</i> , <b>2018</b> , 15, 1273-1292	4.6	7
363	Drivers of postfire soil organic carbon accumulation in the boreal forest. <i>Global Change Biology</i> , <b>2018</b> , 24, 4797-4815	11.4	15
362	Are post-fire residual forest patches refugia for boreal bryophyte species? Implications for ecosystem based management and conservation. <i>Biodiversity and Conservation</i> , <b>2017</b> , 26, 943-965	3.4	13
361	Different regional climatic drivers of Holocene large wildfires in boreal forests of northeastern America. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 035005	6.2	13
360	Wildfire size alters long-term vegetation trajectories in boreal forests of eastern North America. <i>Journal of Biogeography</i> , <b>2017</b> , 44, 1268-1279	4.1	14
359	Boreal bryophyte response to natural fire edge creation. <i>Journal of Vegetation Science</i> , <b>2017</b> , 28, 915-923	3.1	3
358	Crossdating Dead Trees: Does Sampling Height Influence Results?. <i>Tree-Ring Research</i> , <b>2017</b> , 73, 24-34	1	1
357	Ground-layer composition affects tree fine root biomass and soil nutrient availability in jack pine and black spruce forests under extreme drainage conditions. <i>Canadian Journal of Forest Research</i> , <b>2017</b> , 47, 433-444	1.9	11
356	Intraspecific variability in growth response to environmental fluctuations modulates the stabilizing effect of species diversity on forest growth. <i>Journal of Ecology</i> , <b>2017</b> , 105, 1010-1020	6	28
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350	Strong Gradients in Forest Sensitivity to Climate Change Revealed by Dynamics of Forest Fire Cycles in the Post Little Ice Age Era. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2017</b> , 122, 2605-2616	2.7	15
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348	Climate and disturbance regime effects on aspen ( <i>Populus tremuloides</i> Michx.) stand structure and composition along an east-west transect in Canada's boreal forest. <i>Forestry</i> , <b>2017</b> , 90, 70-81	2.2	8
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335	Bryophyte species assemblages in fire and clear-cut origin boreal forests. <i>Forest Ecology and Management</i> , <b>2016</b> , 359, 99-108	3.9	19
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332	Can Retention Harvest Maintain Natural Structural Complexity? A Comparison of Post-Harvest and Post-Fire Residual Patches in Boreal Forest. <i>Forests</i> , <b>2016</b> , 7, 243	2.8	11
331	Detecting Local Drivers of Fire Cycle Heterogeneity in Boreal Forests: A Scale Issue. <i>Forests</i> , <b>2016</b> , 7, 139	2.8	7
330	In situ Comparison of Tree-Ring Responses to Climate and Population Genetics: The Need to Control for Local Climate and Site Variables. <i>Frontiers in Ecology and Evolution</i> , <b>2016</b> , 4,	3.7	12
329	Quantifying Fire Cycle from Dendroecological Records Using Survival Analyses. <i>Forests</i> , <b>2016</b> , 7, 131	2.8	12

328	Fire Regime along Latitudinal Gradients of Continuous to Discontinuous Coniferous Boreal Forests in Eastern Canada. <i>Forests</i> , <b>2016</b> , 7, 211	2.8	21
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323	Forest productivity after careful logging and fire in black spruce stands of the Canadian Clay Belt. <i>Canadian Journal of Forest Research</i> , <b>2016</b> , 46, 783-793	1.9	4
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