

David ParÃ©

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7265679/publications.pdf>

Version: 2024-02-01

196
papers

11,683
citations

25034

57
h-index

33894

99
g-index

198
all docs

198
docs citations

198
times ranked

9840
citing authors

#	ARTICLE	IF	CITATIONS
1	Defoliation-induced changes in foliage quality may trigger broad-scale insect outbreaks. <i>Communications Biology</i> , 2022, 5, 463.	4.4	7
2	Ageing forests and carbon storage: a case study in boreal balsam fir stands. <i>Forestry</i> , 2021, 94, 651-663.	2.3	6
3	Indicators of site sensitivity to the removal of forest harvest residues at the sub-continental scale: Mapping, comparisons, and challenges. <i>Ecological Indicators</i> , 2021, 125, 107516.	6.3	2
4	Nitrogen isotopes in the soil-to-tree continuum – Tree rings express the soil biogeochemistry of boreal forests exposed to moderate airborne emissions. <i>Science of the Total Environment</i> , 2021, 780, 146581.	8.0	8
5	Cumulative Effects of Disturbances on Soil Nutrients: Predominance of Antagonistic Short-Term Responses to the Salvage Logging of Insect-Killed Stands. <i>Ecosystems</i> , 2020, 23, 812-827.	3.4	5
6	Drivers of Boreal Tree Growth and Stand Opening: The Case of Jack Pine on Sandy Soils. <i>Ecosystems</i> , 2020, 23, 586-601.	3.4	8
7	Intensive Mechanical Site Preparation to Establish Short Rotation Hybrid Poplar Plantations – A Case-Study in Québec, Canada. <i>Forests</i> , 2020, 11, 785.	2.1	6
8	Boreal-forest soil chemistry drives soil organic carbon bioreactivity along a 314-year fire chronosequence. <i>Soil</i> , 2020, 6, 195-213.	4.9	9
9	Effects of lichen, Sphagnum spp. and feather moss leachates on jack pine and black spruce seedling growth. <i>Plant and Soil</i> , 2020, 452, 441-455.	3.7	6
10	Tamm Review: Influence of forest management activities on soil organic carbon stocks: A knowledge synthesis. <i>Forest Ecology and Management</i> , 2020, 466, 118127.	3.2	327
11	The paradox of defoliation: Declining tree water status with increasing soil water content. <i>Agricultural and Forest Meteorology</i> , 2020, 290, 108025.	4.8	16
12	Adverse climatic periods precede and amplify defoliation-induced tree mortality in eastern boreal North America. <i>Journal of Ecology</i> , 2019, 107, 452-467.	4.0	40
13	Disentangling Effects of Time Since Fire, Overstory Composition and Organic Layer Thickness on Nutrient Availability in Canadian Boreal Forest. <i>Ecosystems</i> , 2019, 22, 33-48.	3.4	8
14	Empirical and Predicted Boreal Forest Carbon Pools Following Stem-Only Harvesting in Quebec, Canada. <i>Soil Science Society of America Journal</i> , 2019, 83, S59.	2.2	6
15	Influence of fire and harvest severity on understory plant communities. <i>Forest Ecology and Management</i> , 2019, 436, 88-104.	3.2	9
16	Tracking Open Versus Closed-Canopy Boreal Forest Using the Geochemistry of Lake Sediment Deposits. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1278-1289.	3.0	0
17	From conventional to renewable natural gas: can we expect GHG savings in the near term?. <i>Biomass and Bioenergy</i> , 2019, 131, 105396.	5.7	11
18	A new era of digital soil mapping across forested landscapes. <i>Developments in Soil Science</i> , 2019, , 345-371.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Differential effects of feather and Sphagnum spp. mosses on black spruce germination and growth. <i>Forest Ecology and Management</i> , 2018, 415-416, 10-18.	3.2	12
20	Decomposition Patterns of Foliar Litter and Deadwood in Managed and Unmanaged Stands: A 13-Year Experiment in Boreal Mixedwoods. <i>Ecosystems</i> , 2018, 21, 68-84.	3.4	7
21	Ecosystem management in paludified boreal forests: enhancing wood production, biodiversity, and carbon sequestration at the landscape level. <i>Forest Ecosystems</i> , 2018, 5, .	3.1	19
22	Forecasting the spatial distribution of logging residues across the Canadian managed forest. <i>Canadian Journal of Forest Research</i> , 2018, 48, 1470-1481.	1.7	13
23	Influence of shifts over an 80-year period in forest composition on soil properties. <i>Plant and Soil</i> , 2018, 433, 111-125.	3.7	9
24	Drivers of postfire soil organic carbon accumulation in the boreal forest. <i>Global Change Biology</i> , 2018, 24, 4797-4815.	9.5	28
25	Dynamics of detrital carbon pools following harvesting of a humid eastern Canadian balsam fir boreal forest. <i>Forest Ecology and Management</i> , 2018, 430, 33-42.	3.2	21
26	Salvage harvesting for bioenergy in Canada: From sustainable and integrated supply chain to climate change mitigation. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2018, 7, e298.	4.1	11
27	Range and uncertainties in estimating delays in greenhouse gas mitigation potential of forest bioenergy sourced from Canadian forests. <i>GCB Bioenergy</i> , 2017, 9, 358-369.	5.6	61
28	Effect of harvest gap formation and thinning on soil nitrogen cycling at the borealâ€“temperate interface. <i>Canadian Journal of Forest Research</i> , 2017, 47, 308-318.	1.7	9
29	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> , 2017, 47, 433-444.	1.7	20
30	Estimating the spatial distribution and locating hotspots of forest biomass from harvest residues and fire-damaged stands in Canada's managed forests. <i>Biomass and Bioenergy</i> , 2017, 97, 90-99.	5.7	22
31	Moving beyond the concept of â€œprimary forestâ€ as a metric of forest environment quality. <i>Ecological Applications</i> , 2017, 27, 349-354.	3.8	16
32	Predicting soil properties in the Canadian boreal forest with limited data: Comparison of spatial and non-spatial statistical approaches. <i>Geoderma</i> , 2017, 306, 195-205.	5.1	56
33	Ground-Layer Composition May Limit the Positive Impact of Precommercial Thinning on Boreal Stand Productivity. <i>Forest Science</i> , 2017, 63, 559-568.	1.0	9
34	Boreal coniferous forest density leads to significant variations in soil physical and geochemical properties. <i>Biogeosciences</i> , 2017, 14, 3445-3459.	3.3	14
35	A Tree Species Effect on Soil That Is Consistent Across the Speciesâ€™ Range: The Case of Aspen and Soil Carbon in North America. <i>Forests</i> , 2017, 8, 113.	2.1	38
36	Environmental Sustainability Aspects of Forest Biomass Mobilisation. , 2016, , 50-67.		5

#	ARTICLE	IF	CITATIONS
37	Complex impacts of logging residues on planted hybrid poplar seedlings in boreal ecosystems. <i>New Forests</i> , 2016, 47, 877-895.	1.7	2
38	Plant secondary metabolites: a key driver of litter decomposition and soil nutrient cycling. <i>Journal of Ecology</i> , 2016, 104, 1527-1541.	4.0	222
39	Phosphate-solubilizing bacteria isolated from ectomycorrhizal mycelium of <i>Picea glauca</i> are highly efficient at fluorapatite weathering. <i>Botany</i> , 2016, 94, 1183-1193.	1.0	18
40	Altered responsiveness of BNST and amygdala neurons in trauma-induced anxiety. <i>Translational Psychiatry</i> , 2016, 6, e857-e857.	4.8	18
41	Silviculture to sustain productivity in black spruce paludified forests. <i>Forest Ecology and Management</i> , 2016, 375, 172-181.	3.2	9
42	Mechanisms underlying the formation of the amygdalar fear memory trace: A computational perspective. <i>Neuroscience</i> , 2016, 322, 370-376.	2.3	28
43	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
44	Recovery of plant community functional traits following severe soil perturbation in plantations: a case-study. <i>International Journal of Biodiversity Science, Ecosystem Services & Management</i> , 2016, 12, 116-127.	2.9	3
45	Quantifying uncertainty in forest measurements and models: approaches and applications. <i>Canadian Journal of Forest Research</i> , 2016, 46, v-v.	1.7	4
46	Nutrient Budgets in Forests Under Increased Biomass Harvesting Scenarios. <i>Current Forestry Reports</i> , 2016, 2, 81-91.	7.4	36
47	Cover density recovery after fire disturbance controls landscape aboveground biomass carbon in the boreal forest of eastern Canada. <i>Forest Ecology and Management</i> , 2016, 360, 170-180.	3.2	17
48	Synaptic competition in the lateral amygdala and the stimulus specificity of conditioned fear: a biophysical modeling study. <i>Brain Structure and Function</i> , 2016, 221, 2163-2182.	2.3	24
49	Quantifying Forest Biomass Mobilisation Potential in the Boreal and Temperate Biomes. , 2016, , 36-49.		5
50	Recovery rate of harvest residues for bioenergy in boreal and temperate forests: A review. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , 2015, 4, 429-451.	4.1	50
51	Paludification of boreal soils reduces wood decomposition rates and increases wood-based carbon storage. <i>Ecosphere</i> , 2015, 6, 1-20.	2.2	8
52	Nine-year changes in carbon dynamics following different intensities of harvesting in boreal aspen stands. <i>European Journal of Forest Research</i> , 2015, 134, 737-754.	2.5	25
53	The influence of boreal tree species mixtures on ecosystem carbon storage and fluxes. <i>Forest Ecology and Management</i> , 2015, 354, 119-129.	3.2	28
54	Climate-induced changes in host tree-insect phenology may drive ecological state-shift in boreal forests. <i>Ecology</i> , 2015, 96, 1480-1491.	3.2	138

#	ARTICLE	IF	CITATIONS
55	Interlaboratory variation in the chemical analysis of acidic forest soil reference samples from eastern North America. <i>Ecosphere</i> , 2015, 6, 1-22.	2.2	18
56	Modeling Insect Disturbance Across Forested Landscapes: Insights from the Spruce Budworm. , 2015, , 93-134.		26
57	Sustainable biomass supply chains from salvage logging of fire-killed stands: A case study for wood pellet production in eastern Canada. <i>Applied Energy</i> , 2015, 154, 62-73.	10.1	39
58	Estimating forest vulnerability to the next spruce budworm outbreak: will past silvicultural efforts pay dividends?. <i>Canadian Journal of Forest Research</i> , 2015, 45, 314-324.	1.7	21
59	The Role of Aggregated Forest Harvest Residue in Soil Fertility, Plant Growth, and Pollination Services. <i>Soil Science Society of America Journal</i> , 2014, 78, S196.	2.2	14
60	How do natural disturbances and human activities affect soils and tree nutrition and growth in the Canadian boreal forest?. <i>Environmental Reviews</i> , 2014, 22, 161-178.	4.5	85
61	Digital mapping of soil properties in Canadian managed forests at 250m of resolution using the k-nearest neighbor method. <i>Geoderma</i> , 2014, 235-236, 59-73.	5.1	91
62	Do Boreal Forests Need Fire Disturbance to Maintain Productivity?. <i>Ecosystems</i> , 2014, 17, 1053-1067.	3.4	44
63	Amounts of logging residues affect planting microsites: A manipulative study across northern forest ecosystems. <i>Forest Ecology and Management</i> , 2014, 312, 203-215.	3.2	26
64	Combined influence of fire and salvage logging on carbon and nitrogen storage in boreal forest soil profiles. <i>Forest Ecology and Management</i> , 2014, 326, 133-141.	3.2	22
65	Developing and validating indicators of site suitability for forest harvesting residue removal. <i>Ecological Indicators</i> , 2014, 43, 1-18.	6.3	25
66	Mass- and area-based contents in nitrogen, proteins, and chlorophyll within crowns of balsam fir (<i>Abies balsamea</i>) and black spruce (<i>Picea mariana</i>) trees located along a temperature gradient. <i>Ecoscience</i> , 2014, 21, 242-252.	1.4	4
67	Comparing carbon pools and tree growth in balsam fir (<i>Abies balsamea</i>) and black spruce (<i>Picea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	4
68	Using ecosystem CO_2 measurements to estimate the timing and magnitude of greenhouse gas mitigation potential of forest bioenergy. <i>GCB Bioenergy</i> , 2013, 5, 67-72.	5.6	31
69	Estimating stand-scale biomass, nutrient contents, and associated uncertainties for tree species of Canadian forests. <i>Canadian Journal of Forest Research</i> , 2013, 43, 599-608.	1.7	47
70	Stability of Soil Carbon Stocks Varies with Forest Composition in the Canadian Boreal Biome. <i>Ecosystems</i> , 2013, 16, 852-865.	3.4	69
71	Assessing forest soil base cation status and availability using lake and stream sediment geochemistry: A case study in Quebec (Canada). <i>Geoderma</i> , 2013, 211-212, 39-50.	5.1	9
72	Root production of hybrid poplars and nitrogen mineralization improve following mounding of boreal Podzols. <i>Canadian Journal of Forest Research</i> , 2013, 43, 1092-1103.	1.7	18

#	ARTICLE	IF	CITATIONS
73	Feedstock specific environmental risk levels related to biomass extraction for energy from boreal and temperate forests. <i>Biomass and Bioenergy</i> , 2013, 55, 212-226.	5.7	60
74	Tree species diversity increases fine root productivity through increased soil volume filling. <i>Journal of Ecology</i> , 2013, 101, 210-219.	4.0	175
75	Influence of afforestation on soil: The case of mineral weathering. <i>Geoderma</i> , 2013, 202-203, 18-29.	5.1	14
76	Neuronal correlates of fear conditioning in the bed nucleus of the stria terminalis. <i>Learning and Memory</i> , 2013, 20, 633-641.	1.3	69
77	Initial responses of rove and ground beetles (Coleoptera, Staphylinidae, Carabidae) to removal of logging residues following clearcut harvesting in the boreal forest of Quebec, Canada. <i>ZooKeys</i> , 2013, 258, 31-52.	1.1	27
78	Molecular and microscopic analysis of the gut contents of abundant rove beetle species (Coleoptera, Staphylinidae) in the boreal balsam fir forest of Quebec, Canada. <i>ZooKeys</i> , 2013, 353, 1-24.	1.1	19
79	Managing Understory Vegetation for Maintaining Productivity in Black Spruce Forests: A Synthesis within a Multi-Scale Research Model. <i>Forests</i> , 2013, 4, 613-631.	2.1	31
80	Using the Carbon Budget Model of the Canadian Forest Sector (CBM-CFS3) to examine the impact of harvest and fire on carbon dynamics in selected forest types of the Canadian Boreal shield. <i>Forestry Chronicle</i> , 2012, 88, 426-438.	0.6	4
81	Effects of hog manure application on the nutrition and growth of hybrid poplar (<i>Populus</i> spp.) and on soil solution chemistry in short-rotation woody crops. <i>Agriculture, Ecosystems and Environment</i> , 2012, 155, 95-104.	5.3	14
82	The effect of boreal forest composition on soil respiration is mediated through variations in soil temperature and C quality. <i>Soil Biology and Biochemistry</i> , 2012, 53, 18-27.	8.8	84
83	The Fear Circuit Revisited: Contributions of the Basal Amygdala Nuclei to Conditioned Fear. <i>Journal of Neuroscience</i> , 2011, 31, 15481-15489.	3.6	172
84	Central Amygdala Activity during Fear Conditioning. <i>Journal of Neuroscience</i> , 2011, 31, 289-294.	3.6	166
85	Managing understory light conditions in boreal mixedwoods through variation in the intensity and spatial pattern of harvest: A modelling approach. <i>Forest Ecology and Management</i> , 2011, 261, 84-94.	3.2	61
86	Juvenile growth of hybrid poplars on acidic boreal soil determined by environmental effects of soil preparation, vegetation control, and fertilization. <i>Forest Ecology and Management</i> , 2011, 261, 620-629.	3.2	48
87	Ecology and productivity of <i>Cantharellus cibarius</i> var. <i>roseocanus</i> in two eastern Canadian jack pine stands. <i>Botany</i> , 2011, 89, 663-675.	1.0	6
88	The potential of forest biomass as an energy supply for Canada. <i>Forestry Chronicle</i> , 2011, 87, 71-76.	0.6	45
89	Le potentiel de la biomasse foresti�re comme source d'�nergie pour le Canada. <i>Forestry Chronicle</i> , 2011, 87, 345-350.	0.6	1
90	Differences in fine root productivity between mixed- and single-species stands. <i>Functional Ecology</i> , 2011, 25, 238-246.	3.6	162

#	ARTICLE	IF	CITATIONS
91	Competition and facilitation between tree species change with stand development. <i>Oikos</i> , 2011, 120, 1683-1695.	2.7	94
92	Effect of forest canopy composition on soil nutrients and dynamics of the understorey: mixed canopies serve neither vascular nor bryophyte strata. <i>Journal of Vegetation Science</i> , 2011, 22, 1105-1119.	2.2	53
93	Coarse root biomass allometric equations for <i>Abies balsamea</i> , <i>Picea mariana</i> , <i>Pinus banksiana</i> , and <i>Populus tremuloides</i> in the boreal forest of Ontario, Canada. <i>Biomass and Bioenergy</i> , 2011, 35, 4189-4196.	5.7	41
94	Growth and nutrition of black spruce seedlings in response to disruption of <i>Pleurozium</i> and <i>Sphagnum</i> moss carpets in boreal forested peatlands. <i>Plant and Soil</i> , 2011, 345, 141-153.	3.7	22
95	Soil Carbon Stocks and Soil Carbon Quality in the Upland Portion of a Boreal Landscape, James Bay, Quebec. <i>Ecosystems</i> , 2011, 14, 533-546.	3.4	10
96	Growth of planted black spruce seedlings following mechanical site preparation in boreal forested peatlands with variable organic layer thickness: 5-year results. <i>Annals of Forest Science</i> , 2011, 68, 1291-1302.	2.0	13
97	Effects of forest biomass harvesting on soil productivity in boreal and temperate forests” A review. <i>Environmental Reviews</i> , 2011, 19, 278-309.	4.5	334
98	Black Spruce Soils Accumulate More Uncomplexed Organic Matter than Aspen Soils. <i>Soil Science Society of America Journal</i> , 2011, 75, 1125-1132.	2.2	40
99	Decomposition rates of bryophytes in managed boreal forests: influence of bryophyte species and forest harvesting. <i>Plant and Soil</i> , 2010, 336, 499-508.	3.7	35
100	Carbon accumulation in agricultural soils after afforestation: a meta-analysis. <i>Global Change Biology</i> , 2010, 16, 439-453.	9.5	708
101	Soil Carbon Stocks and Carbon Stability in a Twenty-Year-Old Temperate Plantation. <i>Soil Science Society of America Journal</i> , 2010, 74, 1775-1785.	2.2	14
102	Intensive biomass removals and site productivity in Canada: A review of relevant issues. <i>Forestry Chronicle</i> , 2010, 86, 36-42.	0.6	38
103	Component respiration, ecosystem respiration and net primary production of a mature black spruce forest in northern Quebec. <i>Tree Physiology</i> , 2010, 30, 527-540.	3.1	41
104	Response of northeastern North American forests to climate change: Will soil conditions constrain tree species migration?. <i>Environmental Reviews</i> , 2010, 18, 279-289.	4.5	77
105	Coherent amygdalocortical theta promotes fear memory consolidation during paradoxical sleep. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6516-6519.	7.1	296
106	How does a tree species influence litter decomposition? Separating the relative contribution of litter quality, litter mixing, and forest floor conditions. <i>Canadian Journal of Forest Research</i> , 2010, 40, 465-475.	1.7	95
107	Do harvest methods and soil type impact the regeneration and growth of black spruce stands in northwestern Quebec?. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1843-1851.	1.7	17
108	Mixed-species effect on tree aboveground carbon pools in the east-central boreal forests. <i>Canadian Journal of Forest Research</i> , 2010, 40, 37-47.	1.7	53

#	ARTICLE	IF	CITATIONS
109	Contrasting effects of season and method of harvest on soil properties and the growth of black spruce regeneration in the boreal forested peatlands of eastern Canada. <i>Silva Fennica</i> , 2010, 44, .	1.3	29
110	TRIAD zoning in Quebec: Experiences and results after 5 years. <i>Forestry Chronicle</i> , 2009, 85, 885-896.	0.6	74
111	Comparison of soil properties of native forests, <i>Pinus patula</i> plantations and adjacent pastures in the Andean highlands of southern Ecuador: land use history or recent vegetation effects?. <i>Soil Use and Management</i> , 2009, 25, 427-433.	4.9	28
112	Predicting productivity of trembling aspen in the Boreal Shield ecozone of Quebec using different sources of soil and site information. <i>Forest Ecology and Management</i> , 2009, 257, 782-789.	3.2	26
113	Linking the abundance of aspen with soil faunal communities and rates of belowground processes within single stands of mixed aspen-black spruce. <i>Applied Soil Ecology</i> , 2009, 41, 19-28.	4.3	44
114	Ecology and management of the lobster mushroom in an eastern Canadian jack pine stand. <i>Canadian Journal of Forest Research</i> , 2009, 39, 2080-2091.	1.7	6
115	Paludification dynamics in the boreal forest of the James Bay Lowlands: effect of time since fire and topography. <i>Canadian Journal of Forest Research</i> , 2009, 39, 546-552.	1.7	49
116	The role of permanent site factors in the assessment of soil treatment effects: A case study with a site preparation trial in jack pine plantations on glacial outwashes. <i>Canadian Journal of Soil Science</i> , 2009, 89, 81-91.	1.2	3
117	Chemical composition of forest floor and consequences for nutrient availability after wildfire and harvesting in the boreal forest. <i>Plant and Soil</i> , 2008, 308, 37-53.	3.7	56
118	Production of Dissolved Organic Carbon in Canadian Forest Soils. <i>Ecosystems</i> , 2008, 11, 740-751.	3.4	61
119	How do forest harvesting methods compare with wildfire? A case study of soil chemistry and tree nutrition in the boreal forest. <i>Canadian Journal of Forest Research</i> , 2007, 37, 1658-1668.	1.7	34
120	Gamma Oscillations Coordinate Amygdalo-Rhinal Interactions during Learning. <i>Journal of Neuroscience</i> , 2007, 27, 9369-9379.	3.6	126
121	FOREST PRODUCTIVITY DECLINE CAUSED BY SUCCESSIONAL PALUDIFICATION OF BOREAL SOILS. <i>Ecological Applications</i> , 2007, 17, 1619-1637.	3.8	197
122	Muscarinic Control of Long-Range GABAergic Inhibition within the Rhinal Cortices. <i>Journal of Neuroscience</i> , 2007, 27, 4061-4071.	3.6	43
123	Relationships between microsite type and the growth and nutrition of young black spruce on post-disturbed lowland black spruce sites in eastern Canada. <i>Canadian Journal of Forest Research</i> , 2007, 37, 62-73.	1.7	34
124	Determining Nutrient Availability in Forest Soils. , 2007, , .		3
125	Micro-variations in yellow birch (<i>Betula alleghaniensis</i>) growth conditions after patch scarification. <i>Forest Ecology and Management</i> , 2007, 238, 244-248.	3.2	22
126	Spatial pattern in the organic layer and tree growth: A case study from regenerating <i>Picea mariana</i> stands prone to paludification. <i>Journal of Vegetation Science</i> , 2007, 18, 213-222.	2.2	20

#	ARTICLE	IF	CITATIONS
127	Small gap dynamics in the southern boreal forest of eastern Canada: Do canopy gaps influence stand development?. <i>Journal of Vegetation Science</i> , 2007, 18, 815-826.	2.2	23
128	Investigating the soil acid-base status in managed boreal forests using the SAFE model. <i>Ecological Modelling</i> , 2007, 206, 301-321.	2.5	5
129	Quality of growth substrates of post-disturbed lowland black spruce sites for black spruce (<i>Picea</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	1.7	12
130	The Contrasting Effects of Aspen and Jack Pine on Soil Nutritional Properties Depend on Parent Material. <i>Ecosystems</i> , 2007, 10, 1299-1310.	3.4	35
131	Spatial pattern in the organic layer and tree growth: A case study from regenerating <i>Picea mariana</i> stands prone to paludification. <i>Journal of Vegetation Science</i> , 2007, 18, 213.	2.2	7
132	Harvesting Intensity at Clear-Felling in the Boreal Forest. <i>Soil Science Society of America Journal</i> , 2006, 70, 691-701.	2.2	81
133	Soil Nutrient Dynamics after Harvesting and Slash Treatments in Boreal Aspen Stands. <i>Soil Science Society of America Journal</i> , 2006, 70, 1189-1199.	2.2	51
134	Determination of exchangeable hydrogen ions in boreal shield soils of Quebec. <i>Canadian Journal of Soil Science</i> , 2006, 86, 513-521.	1.2	7
135	Soil oxygen within boreal forests across an age gradient. <i>Canadian Journal of Soil Science</i> , 2006, 86, 1-9.	1.2	26
136	Sapling size influences shade tolerance ranking among southern boreal tree species. <i>Journal of Ecology</i> , 2006, 94, 471-480.	4.0	109
137	Unusual effect of controlling aboveground competition by <i>Ledum groenlandicum</i> on black spruce (<i>Picea mariana</i>) in boreal forested peatland. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2058-2062.	1.7	6
138	Tree bole mineralization rates of four species of the Canadian eastern boreal forest: implications for nutrient dynamics following stand-replacing disturbances. <i>Canadian Journal of Forest Research</i> , 2006, 36, 2331-2340.	1.7	66
139	Effect of temperature on soil organic matter decomposition in three forest biomes of eastern Canada. <i>Canadian Journal of Soil Science</i> , 2006, 86, 247-256.	1.2	43
140	Influence of Aspen on Forest Floor Properties in Black Spruce-dominated Stands. <i>Plant and Soil</i> , 2005, 275, 207-220.	3.7	95
141	Paludification and management of forested peatlands in Canada: a literature review. <i>Environmental Reviews</i> , 2005, 13, 21-50.	4.5	116
142	Impact of global change and forest management on carbon sequestration in northern forested peatlands. <i>Environmental Reviews</i> , 2005, 13, 199-240.	4.5	56
143	Effect of aspen (<i>Populus tremuloides</i>) as a companion species on the growth of black spruce (<i>Picea</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	3.2	30
144	Testing forest ecosystem management in boreal mixedwoods of northwestern Quebec: initial response of aspen stands to different levels of harvesting. <i>Canadian Journal of Forest Research</i> , 2004, 34, 431-446.	1.7	85

#	ARTICLE	IF	CITATIONS
145	Regression equations for estimating throughfall nutrient fluxes using wet deposition data and their applicability for simulating the soil acid–base status using the dynamic forest soil–atmosphere model SAFE. <i>Ecological Modelling</i> , 2004, 175, 151-167.	2.5	9
146	Is the use of trees with superior growth a threat to soil nutrient availability? A case study with Norway spruce. <i>Canadian Journal of Forest Research</i> , 2004, 34, 560-572.	1.7	27
147	The responses of black spruce growth to an increased proportion of aspen in mixed stands. <i>Canadian Journal of Forest Research</i> , 2004, 34, 405-416.	1.7	56
148	Productivity of black spruce and Jack pine stands in Quebec as related to climate, site biological features and soil properties. <i>Forest Ecology and Management</i> , 2004, 191, 239-251.	3.2	45
149	Soil parent material may control forest floor properties more than stand type or stand age in mixedwood boreal forests. <i>Ecoscience</i> , 2004, 11, 228-237.	1.4	23
150	Biotic and abiotic factors affecting ectomycorrhizal diversity in boreal mixed-woods. <i>Oikos</i> , 2003, 102, 497-504.	2.7	82
151	The soil acid–base status of boreal black spruce stands after whole-tree and stem-only harvesting. <i>Canadian Journal of Forest Research</i> , 2003, 33, 1874-1879.	1.7	39
152	Assessing the geochemical balance of managed boreal forests. <i>Ecological Indicators</i> , 2002, 1, 293-311.	6.3	54
153	Nitrogen net mineralization and dynamics following whole-tree harvesting and winter windrowing on clayey sites of northwestern Quebec. <i>Forest Ecology and Management</i> , 2002, 157, 119-130.	3.2	35
154	Influence of forest composition on understory cover in boreal mixedwood forests of western Quebec. <i>Silva Fennica</i> , 2002, 36, .	1.3	48
155	Effects of experimental liming on collembolan communities and soil microbial biomass in a southern Quebec sugar maple (<i>Acer saccharum</i> Marsh.) stand. <i>Applied Soil Ecology</i> , 2001, 17, 81-90.	4.3	55
156	Potential productivity of aspen cohorts originating from fire, harvesting, and tree-fall gaps on two deposit types in northwestern Quebec. <i>Canadian Journal of Forest Research</i> , 2001, 31, 1067-1073.	1.7	27
157	Comparison of the understory vegetation in boreal forest types of southwest Quebec. <i>Canadian Journal of Botany</i> , 2001, 79, 1019-1027.	1.1	33
158	Slow and Fast (Gamma) Neuronal Oscillations in the Perirhinal Cortex and Lateral Amygdala. <i>Journal of Neurophysiology</i> , 2001, 85, 1661-1672.	1.8	100
159	Impacts of clearcut harvesting and wildfire on soil nutrient status in the Quebec boreal forest. <i>Canadian Journal of Soil Science</i> , 2001, 81, 229-237.	1.2	126
160	Comparison of the understory vegetation in boreal forest types of southwest Quebec. <i>Canadian Journal of Botany</i> , 2001, 79, 1019-1027.	1.1	77
161	Propagation of Neocortical Inputs in the Perirhinal Cortex. <i>Journal of Neuroscience</i> , 2001, 21, 2878-2888.	3.6	44
162	Relationships between soil chemistry, microbial biomass and the collembolan fauna of southern Québec sugar maple stands. <i>Ecoscience</i> , 2000, 7, 307-316.	1.4	21

#	ARTICLE	IF	CITATIONS
163	Development of integrated ecological standards of sustainable forest management at an operational scale. <i>Forestry Chronicle</i> , 2000, 76, 481-493.	0.6	66
164	Polarized Synaptic Interactions Between Intercalated Neurons of the Amygdala. <i>Journal of Neurophysiology</i> , 2000, 83, 3509-3518.	1.8	79
165	Element export in runoff from eastern Canadian Boreal Shield drainage basins following forest harvesting and wildfires. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2000, 57, 118-128.	1.4	102
166	The importance of forest floor disturbance in the early regeneration patterns of the boreal forest of western and central Quebec: a wildfire versus logging comparison. <i>Canadian Journal of Forest Research</i> , 2000, 30, 1353-1364.	1.7	123
167	Community structures of Collembola in sugar maple forests: relations to humus type and seasonal trends. <i>Pedobiologia</i> , 2000, 44, 148-174.	1.2	43
168	Dynamics of carbon and nitrogen mineralization in relation to stand type, stand age and soil texture in the boreal mixedwood. <i>Soil Biology and Biochemistry</i> , 2000, 32, 1079-1090.	8.8	226
169	An Inhibitory Interface Gates Impulse Traffic between the Input and Output Stations of the Amygdala. <i>Journal of Neuroscience</i> , 1999, 19, 10575-10583.	3.6	305
170	Thinking and acting <i><i>differently</i></i> for sustainable management of the boreal forest. <i>Forestry Chronicle</i> , 1999, 75, 929-938.	0.6	46
171	Linking ecophysiology and forest productivity: An overview of the ECOLEAP project. <i>Forestry Chronicle</i> , 1999, 75, 417-421.	0.6	39
172	Spontaneous and evoked activity of intercalated amygdala neurons. <i>European Journal of Neuroscience</i> , 1999, 11, 3441-3448.	2.6	27
173	Soil, pH and N availability effects on net nitrification in the forest floors of a range of boreal forest stands. <i>Soil Biology and Biochemistry</i> , 1999, 31, 1579-1589.	8.8	297
174	Reciprocal Changes in the Firing Probability of Lateral and Central Medial Amygdala Neurons. <i>Journal of Neuroscience</i> , 1999, 19, 836-844.	3.6	66
175	Cat intraamygdaloid inhibitory network: Ultrastructural organization of parvalbumin-immunoreactive elements. , 1998, 391, 164-179.		84
176	Intrinsic circuitry of the amygdaloid complex: common principles of organization in rats and cats. <i>Trends in Neurosciences</i> , 1998, 21, 240-241.	8.6	36
177	Synaptic responsiveness of interneurons of the cat lateral amygdaloid nucleus. <i>Neuroscience</i> , 1998, 83, 877-889.	2.3	110
178	Effects of tree species, stand age and soil type on soil microbial biomass and its activity in a southern boreal forest. <i>Soil Biology and Biochemistry</i> , 1998, 30, 1077-1089.	8.8	272
179	Development of an improved model estimating the nutrient content of the bole for four boreal tree species. <i>Canadian Journal of Forest Research</i> , 1998, 28, 37-43.	1.7	19
180	CANOPY GAP CHARACTERISTICS AND TREE REPLACEMENT IN THE SOUTHEASTERN BOREAL FOREST. <i>Ecology</i> , 1998, 79, 783-794.	3.2	321

#	ARTICLE	IF	CITATIONS
181	Similar Inhibitory Processes Dominate the Responses of Cat Lateral Amygdaloid Projection Neurons to Their Various Afferents. <i>Journal of Neurophysiology</i> , 1997, 77, 341-352.	1.8	97
182	Effect of colonizing tree species on soil nutrient availability in a clay soil of the boreal mixedwood. <i>Canadian Journal of Forest Research</i> , 1996, 26, 1022-1031.	1.7	81
183	Bursting and oscillating neurons of the cat basolateral amygdaloid complex in vivo: electrophysiological properties and morphological features. <i>Journal of Neurophysiology</i> , 1995, 74, 1179-1191.	1.8	135
184	Changes in nutrient availability and forest floor characteristics in relation to stand age and forest composition in the southern part of the boreal forest of northwestern Quebec. <i>Forest Ecology and Management</i> , 1995, 76, 181-189.	3.2	97
185	Above-Ground Biomass Accumulation along a 230-Year Chronosequence in the Southern Portion of the Canadian Boreal Forest. <i>Journal of Ecology</i> , 1995, 83, 1001.	4.0	90
186	Impacts of whole-tree harvesting and winter windrowing on soil pH and base status of clayey sites of northwestern Quebec. <i>Canadian Journal of Forest Research</i> , 1995, 25, 997-1007.	1.7	36
187	Intra-amygdaloid projections of the basolateral and basomedial nuclei in the cat: Phaseolus vulgaris-leucoagglutinin anterograde tracing at the light and electron microscopic level. <i>Neuroscience</i> , 1995, 69, 567-583.	2.3	147
188	Effect of companion species on the growth of jack pine (<i>Pinusbanksiana</i>). <i>Canadian Journal of Forest Research</i> , 1994, 24, 1846-1853.	1.7	41
189	Intra-amygdaloid projections of the lateral nucleus in the cat: PHA-L anterograde labeling combined with postembedding GABA and glutamate immunocytochemistry. <i>Journal of Comparative Neurology</i> , 1994, 342, 232-248.	1.6	190
190	GABAergic projection from the intercalated cell masses of the amygdala to the basal forebrain in cats. <i>Journal of Comparative Neurology</i> , 1994, 344, 33-49.	1.6	81
191	Distribution of GABA immunoreactivity in the amygdaloid complex of the cat. <i>Neuroscience</i> , 1993, 57, 1061-1076.	2.3	134
192	Changes in the forest floor of Canadian southern boreal forest after disturbance. <i>Journal of Vegetation Science</i> , 1993, 4, 811-818.	2.2	70
193	Soil nutrient availability and relationships with aboveground biomass production on postharvested upland white spruce sites in interior Alaska. <i>Canadian Journal of Forest Research</i> , 1993, 23, 1223-1232.	1.7	25
194	Origin of the phosphorus deficiency observed in declining sugar maple stands in the Quebec Appalachians. <i>Canadian Journal of Forest Research</i> , 1989, 19, 24-34.	1.7	89
195	Natural stresses, nutrient imbalances and forest decline in southeastern Quebec. <i>Water, Air, and Soil Pollution</i> , 1989, 48, 239.	2.4	59
196	Legacy of forest composition and changes over the long-term on tree radial growth. <i>Canadian Journal of Forest Research</i> , 0, , .	1.7	0