

# Martin Barrette

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

357  
citations

1040056

9  
h-index

839539

18  
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25  
all docs

25  
docs citations

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times ranked

477  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Cumulative effects of chronic deer browsing and clear-cutting on regeneration processes in second-growth white spruce stands. <i>Forest Ecology and Management</i> , 2014, 329, 69-78.	3.2	30
3	Issues and solutions for intensive plantation silviculture in a context of ecosystem management. <i>Forestry Chronicle</i> , 2014, 90, 748-762.	0.6	26
4	From delayed succession to alternative successional trajectory: How different moose browsing pressures contribute to forest dynamics following clear-cutting. <i>Journal of Vegetation Science</i> , 2021, 32, .	2.2	20
5	Reconstitution historique du paysage pr�industrial de la r�gion �cologique des hautes collines du Bas-Saint-Maurice. <i>Canadian Journal of Forest Research</i> , 2007, 37, 1147-1160.	1.7	17
6	Key ecosystem attributes and productivity of boreal stands 20 years after the onset of silviculture scenarios of increasing intensity. <i>Forest Ecology and Management</i> , 2017, 389, 404-416.	3.2	14
7	Preindustrial reconstruction of a perhumid midboreal landscape, Anticosti Island, Quebec. <i>Canadian Journal of Forest Research</i> , 2010, 40, 928-942.	1.7	12
8	Commercial Thinning to Meet Wood Production Objectives and Develop Structural Heterogeneity: A Case Study in the Spruce-Fir Forest, Quebec, Canada. <i>Forests</i> , 2015, 6, 510-532.	2.1	12
9	Pre-commercial thinning enhances competitive traits of boreal ericaceous shrubs and reduces soil fertility. <i>Forest Ecology and Management</i> , 2020, 458, 117801.	3.2	11
10	Demographic disequilibrium caused by canopy gap expansion and recruitment failure triggers forest cover loss. <i>Forest Ecology and Management</i> , 2017, 401, 117-124.	3.2	9
11	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
12	Balsam fir stands of northeastern North America are resilient to spruce plantation. <i>Forest Ecology and Management</i> , 2019, 450, 117504.	3.2	9
13	Naturalness assessment performed using forestry maps to validate forest management sustainability. <i>Ecological Indicators</i> , 2020, 119, 106832.	6.3	9
14	Moose Browsing Tends Spruce Plantations More Efficiently Than a Single Mechanical Release. <i>Forests</i> , 2020, 11, 1138.	2.1	9
15	R�action convergente du volume marchand 10 ans apr�s lâ€™�claircie d'une sapini�re tr�s dense. <i>Forestry Chronicle</i> , 2015, 91, 252-259.	0.6	5
16	Resilience of natural forests can jeopardize or enhance plantation productivity. <i>Forest Ecology and Management</i> , 2021, 482, 118872.	3.2	5
17	Enjeux et solutions pour la sylviculture intensive de plantations dans un contexte d'am�nagement �cosyst�mique. <i>Forestry Chronicle</i> , 2014, 90, 732-747.	0.6	4
18	Commercial thinning that maintained species diversity of a mixed black spruce-jack pine stand enhanced productivity. <i>Scandinavian Journal of Forest Research</i> , 2018, 33, 756-763.	1.4	4

#	ARTICLE	IF	CITATIONS
19	Can understory functional traits predict post-harvest forest productivity in boreal ecosystems?. Forest Ecology and Management, 2021, 495, 119375.	3.2	4
20	Issues and perspectives on the use of exotic species in the sustainable management of Canadian forests. Reforesta, 2016, , 261-280.	0.4	4
21	Mechanisms by Which Pre-Commercial Thinning Increases Black Spruce Growth in Different Climates and Soil Types. Forests, 2020, 11, 599.	2.1	2
22	Clear-cutting without additional regeneration treatments can trigger successional setbacks prolonging the expected time to compositional recovery in boreal forests. European Journal of Forest Research, 2022, 141, 629-639.	2.5	2
23	Résultats d'un essai d'application du traitement mécanique en plantations de pinettes blanche et noire dans un scénario de reboisement hâtif. Forestry Chronicle, 2018, 94, 183-194.	0.6	1
24	Pre-commercial thinning could mitigate drought stress of black spruce stands. Forest Ecology and Management, 2022, 517, 120278.	3.2	1
25	Effets comparatifs de la préparation mécanique du sol et de l'application d'un phytocide chimique pour maîtriser le nerprun et favoriser la croissance en plantations forestières. Forestry Chronicle, 2018, 94, 68-74.	0.6	0