

F Wayne Bell

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,184
citations

361413

20
h-index

414414

32
g-index

51
all docs

51
docs citations

51
times ranked

912
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of silvicultural treatments on post-harvesting residual tree mortality. <i>Forest Ecology and Management</i> , 2022, 506, 119974.	3.2	0
2	Patterns and potential drivers of exotic plant diversity in managed northern temperate and boreal forests. <i>Forest Ecology and Management</i> , 2022, 513, 120167.	3.2	2
3	Above- and belowground drivers of intraspecific trait variability across subcontinental gradients for five ubiquitous forest plants in North America. <i>Journal of Ecology</i> , 2022, 110, 1590-1605.	4.0	8
4	Simulating the Effects of Intensifying Silviculture on Desired Species Yields across a Broad Environmental Gradient. <i>Forests</i> , 2021, 12, 755.	2.1	8
5	Evaluating the Performance of a Forest Succession Model to Predict the Long-Term Dynamics of Tree Species in Mixed Boreal Forests Using Historical Data in Northern Ontario, Canada. <i>Forests</i> , 2021, 12, 1181.	2.1	4
6	Effect of competition on individual white spruce production in young boreal mixedwood forests. <i>Canadian Journal of Forest Research</i> , 2020, 50, 726-735.	1.7	1
7	Geographic scale and disturbance influence intraspecific trait variability in leaves and roots of North American understorey plants. <i>Functional Ecology</i> , 2019, 33, 1771-1784.	3.6	34
8	Temporal changes of understorey plant community in response to pre- and post-harvesting herbicide treatments and partial cutting in aspen-dominated boreal mixedwood stands. <i>European Journal of Forest Research</i> , 2018, 137, 337-348.	2.5	6
9	The NEBIE plot network: Background and experimental design. <i>Forestry Chronicle</i> , 2017, 93, 87-102.	0.6	6
10	Relative influence of climate, soils, and disturbance on plant species richness in northern temperate and boreal forests. <i>Forest Ecology and Management</i> , 2016, 381, 93-105.	3.2	18
11	Climatic sensitivity, water-use efficiency, and growth decline in boreal jack pine (<i>Pinus</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 121, 2761-2774.	3.0	26
12	Effect of species composition on the production rate and efficiency of young <i>Picea glauca</i> – <i>Populus tremuloides</i> forests. <i>Forest Ecology and Management</i> , 2014, 315, 1-11.	3.2	14
13	Effects of silviculture intensity on plant diversity response patterns in young managed northern temperate and boreal forests. <i>Ecoscience</i> , 2014, 21, 327-339.	1.4	18
14	Competition theory – science and application in mixed forest stands: review of experimental and modelling methods and suggestions for future research. <i>Environmental Reviews</i> , 2013, 21, 71-84.	4.5	55
15	The effects of triclopyr and glyphosate on lichens. <i>Forest Ecology and Management</i> , 2012, 264, 90-97.	3.2	16
16	What are the Environmental Consequences of Using Silviculturally Effective Forest Vegetation Management Treatments?. <i>Forestry Chronicle</i> , 2011, 87, 201-216.	0.6	16
17	An Overview of The Efficacy of Vegetation Management Alternatives for Conifer Regeneration in Boreal Forests. <i>Forestry Chronicle</i> , 2011, 87, 175-200.	0.6	46
18	Ecology and Traits of Plant Species that Compete with Boreal and Temperate Forest Conifers: An Overview of Available Information and its Use in Forest Management in Canada. <i>Forestry Chronicle</i> , 2011, 87, 161-174.	0.6	16

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19	Longer-Term Volume Trade-offs in Spruce and Jack Pine Plantations Following Various Conifer Release Treatments. <i>Forestry Chronicle</i> , 2011, 87, 235-250.	0.6	23
20	Influence of microhabitat on bryophyte diversity in Ontario mixedwood boreal forest. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1867-1876.	1.7	43
21	Developing a silvicultural framework and definitions for use in forest management planning and practice. <i>Forestry Chronicle</i> , 2008, 84, 678-693.	0.6	38
22	The Canadian Ecology Centre "Forestry Research Partnership: Implementing a research strategy based on an active adaptive management approach. <i>Forestry Chronicle</i> , 2008, 84, 666-677.	0.6	9
23	Ontario's forest growth and yield modelling program: Advances resulting from the Forestry Research Partnership. <i>Forestry Chronicle</i> , 2008, 84, 694-703.	0.6	27
24	Ontario's Forestry Research Partnership: Progress and next steps. <i>Forestry Chronicle</i> , 2008, 84, 756-763.	0.6	6
25	Effects of timing of glyphosate application on jack pine, black spruce, and white spruce plantations in northern Manitoba. <i>Forestry Chronicle</i> , 2008, 84, 37-45.	0.6	16
26	Long-term effects of intensive silvicultural practices on productivity, composition, and structure of northern temperate and boreal plantations in Ontario, Canada. <i>Forest Ecology and Management</i> , 2007, 241, 115-126.	3.2	16
27	Effects of forest floor disturbances by mechanical site preparation on floristic diversity in a central Ontario clearcut. <i>Forest Ecology and Management</i> , 2007, 246, 196-207.	3.2	53
28	Do tree-level monocultures develop following Canadian boreal silviculture? Tree-level diversity tested using a new method. <i>Biodiversity and Conservation</i> , 2007, 16, 2933-2948.	2.6	11
29	Restoration of floral diversity through plantations on abandoned agricultural land. <i>Canadian Journal of Forest Research</i> , 2006, 36, 1218-1235.	1.7	33
30	Chemical site preparation influences productivity, composition, and structure of boreal mixedwoods in Ontario, Canada. <i>Forest Ecology and Management</i> , 2006, 229, 145-154.	3.2	8
31	Cutting versus herbicides: Tenth-year volume and release cost-effectiveness of sub-boreal conifer plantations. <i>Forestry Chronicle</i> , 2006, 82, 521-528.	0.6	18
32	Is <i>Intensive Forest Management</i> a misnomer? An Ontario-based discussion of terminology and an alternative approach. <i>Forestry Chronicle</i> , 2006, 82, 662-674.	0.6	18
33	Juvenile response to conifer release alternatives on aspen-white spruce boreal mixedwood sites. Part I: Stand structure and composition. <i>Forestry Chronicle</i> , 2005, 81, 538-547.	0.6	19
34	Juvenile response to conifer release alternatives on aspen-white spruce boreal mixedwood sites. Part II: Quality of aspen regeneration. <i>Forestry Chronicle</i> , 2005, 81, 548-558.	0.6	8
35	Effects of stand tending on the estimation of aboveground biomass of planted juvenile white spruce. <i>Canadian Journal of Forest Research</i> , 2004, 34, 649-658.	1.7	21
36	The effects of silvicultural disturbances on cryptogam diversity in the boreal-mixedwood forest. <i>Canadian Journal of Forest Research</i> , 2002, 32, 38-51.	1.7	86

#	ARTICLE	IF	CITATIONS
37	The effects of silvicultural disturbances on the diversity of seed-producing plants in the boreal mixedwood forest. <i>Canadian Journal of Forest Research</i> , 2002, 32, 1180-1191.	1.7	48
38	Light attenuation by early successional plants of the boreal forest. <i>Canadian Journal of Forest Research</i> , 2001, 31, 812-823.	1.7	22
39	Photosynthesis, nitrogen-use efficiency, and water-use efficiency of jack pine seedlings in competition with four boreal forest plant species. <i>Canadian Journal of Forest Research</i> , 2001, 31, 2014-2025.	1.7	33
40	Growth Response of <i>Picea mariana</i> Seedlings to Competition for Radiation. <i>Scandinavian Journal of Forest Research</i> , 2000, 15, 334-342.	1.4	19
41	Relative competitiveness of nine early-successional boreal forest species associated with planted jack pine and black spruce seedlings. <i>Canadian Journal of Forest Research</i> , 2000, 30, 790-800.	1.7	63
42	Application of large- and medium-scale aerial photographs to forest vegetation management: A case study. <i>Forestry Chronicle</i> , 2000, 76, 903-913.	0.6	13
43	Response of Immature Trembling Aspen to Season and Height of Cut. <i>Northern Journal of Applied Forestry</i> , 1999, 16, 108-114.	0.5	23
44	Comparison of photosynthetically active radiation and cover estimation for measuring the effects of interspecific competition on jack pine seedlings. <i>Canadian Journal of Forest Research</i> , 1999, 29, 883-889.	1.7	30
45	The effects of glyphosate and triclopyr on common bryophytes and lichens in northwestern Ontario. <i>Canadian Journal of Forest Research</i> , 1999, 29, 1101-1111.	1.7	40
46	Motor-manual, mechanical, and herbicide release affect early successional vegetation in northwestern Ontario. <i>Forestry Chronicle</i> , 1997, 73, 61-68.	0.6	43
47	The Fallingsnow Ecosystem Project: Comparing conifer release alternatives in northwestern Ontario. <i>Forestry Chronicle</i> , 1997, 73, 35-38.	0.6	17
48	Productivity, cost, efficacy and cost effectiveness of motor-manual, mechanical, and herbicide release of boreal spruce plantations. <i>Forestry Chronicle</i> , 1997, 73, 39-46.	0.6	27
49	On-target deposit and vertical distribution of aerially released herbicides. <i>Forestry Chronicle</i> , 1997, 73, 47-59.	0.6	21
50	Indirect effects of conifer release alternatives on songbird populations in northwestern Ontario. <i>Forestry Chronicle</i> , 1997, 73, 107-112.	0.6	19
51	Alternative conifer release treatments affect below- and near-ground microclimate. <i>Forestry Chronicle</i> , 1997, 73, 75-82.	0.6	19