

# Laura S Kenefic

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,236  
citations

430874

18  
h-index

454955

30  
g-index

70  
all docs

70  
docs citations

70  
times ranked

1236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition amplifies drought stress in forests across broad climatic and compositional gradients. <i>Ecosphere</i> , 2017, 8, e01849.	2.2	119
2	Layer Stacking: A Novel Algorithm for Individual Forest Tree Segmentation from LiDAR Point Clouds. <i>Canadian Journal of Remote Sensing</i> , 2017, 43, 16-27.	2.4	106
3	Woody Debris Volume Depletion Through Decay: Implications for Biomass and Carbon Accounting. <i>Ecosystems</i> , 2013, 16, 1262-1272.	3.4	66
4	Influence of age on growth efficiency of <i>Tsuga canadensis</i> and <i>Picea rubens</i> trees in mixed-species, multiaged northern conifer stands. <i>Canadian Journal of Forest Research</i> , 2002, 32, 2032-2042.	1.7	55
5	Comparison of Fixed Diameter-Limit and Selection Cutting in Northern Conifers. <i>Northern Journal of Applied Forestry</i> , 2005, 22, 77-84.	0.5	44
6	Long-term effects of precommercial thinning on the stem dimensions, form and branch characteristics of red spruce and balsam fir crop trees in Maine, USA. <i>Silva Fennica</i> , 2009, 43, .	1.3	38
7	Influence of partial harvesting and site factors on the abundance and composition of natural regeneration in the Acadian Forest of Maine, USA. <i>Forest Ecology and Management</i> , 2013, 306, 96-106.	3.2	36
8	Leaf area prediction models for <i>Tsuga canadensis</i> in Maine. <i>Canadian Journal of Forest Research</i> , 1999, 29, 1574-1582.	1.7	35
9	Decaying wood and tree regeneration in the Acadian Forest of Maine, USA. <i>Forest Ecology and Management</i> , 2009, 257, 1623-1628.	3.2	32
10	Bridging the Gender Gap: The Demographics of Scientists in the USDA Forest Service and Academia. <i>BioScience</i> , 2015, 65, 1165-1172.	4.9	31
11	Northern White-Cedar Ecology and Silviculture in the Northeastern United States and Southeastern Canada: A Synthesis of Knowledge. <i>Northern Journal of Applied Forestry</i> , 2009, 26, 21-27.	0.5	30
12	Northern White-Cedar Regeneration Dynamics on the Penobscot Experimental Forest in Maine: 40-Year Results. <i>Northern Journal of Applied Forestry</i> , 2010, 27, 5-12.	0.5	29
13	Sugar Maple Height-Diameter and Age-Diameter Relationships in an Uneven-Aged Northern Hardwood Stand. <i>Northern Journal of Applied Forestry</i> , 1999, 16, 43-47.	0.5	27
14	Managing Hardwood-Softwood Mixtures for Future Forests in Eastern North America: Assessing Suitability to Projected Climate Change. <i>Journal of Forestry</i> , 2017, 115, 190-201.	1.0	27
15	Long-term influence of alternative forest management treatments on total ecosystem and wood product carbon storage. <i>Canadian Journal of Forest Research</i> , 2016, 46, 1404-1412.	1.7	25
16	Height development of shade-tolerant conifer saplings in multiaged Acadian forest stands. Publication 2954 of the Maine Agricultural and Forest Experiment Station, University of Maine, Orono, Maine.. <i>Canadian Journal of Forest Research</i> , 2007, 37, 2715-2723.	1.7	24
17	Cavity Trees, Snags, and Selection Cutting: A Northern Hardwood Case Study. <i>Northern Journal of Applied Forestry</i> , 2007, 24, 192-196.	0.5	24
18	Mixedwood silviculture in North America: the science and art of managing for complex, multi-species temperate forests. <i>Canadian Journal of Forest Research</i> , 2021, 51, 921-934.	1.7	22

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19	Forest structure following tornado damage and salvage logging in northern Maine, USA. Canadian Journal of Forest Research, 2017, 47, 560-564.	1.7	21
20	Are Current Seedling Demographics Poised to Regenerate Northern US Forests?. Journal of Forestry, 2019, 117, 592-612.	1.0	20
21	Silvicultural Rehabilitation of Cutover Mixedwood Stands. Journal of Forestry, 2014, 112, 261-271.	1.0	19
22	Production ecology of <i>Thuja occidentalis</i> . Canadian Journal of Forest Research, 2010, 40, 1155-1164.	1.7	18
23	Historical Stem Development of Northern White-Cedar ( <i>Thuja occidentalis</i> L.) in Maine. Northern Journal of Applied Forestry, 2010, 27, 92-96.	0.5	17
24	Species mixture effects in northern red oak–eastern white pine stands in Maine, USA. Forest Ecology and Management, 2013, 298, 71-81.	3.2	17
25	Leaf area prediction models for <i>Tsuga canadensis</i> in Maine. Canadian Journal of Forest Research, 1999, 29, 1574-1582.	1.7	16
26	Strategies for enhancing long-term carbon sequestration in mixed-species, naturally regenerated Northern temperate forests. Carbon Management, 2020, 11, 381-397.	2.4	15
27	Development of the Selection System in Northern Hardwood Forests of the Lake States: An 80-Year Silviculture Research Legacy. , 2014, , 201-223.		15
28	Assessing and modeling standing deadwood attributes under alternative silvicultural regimes in the Acadian Forest region of Maine, USA. Canadian Journal of Forest Research, 2012, 42, 1873-1883.	1.7	14
29	Natural disturbance and stand structure of old-growth northern white-cedar ( <i>Thuja occidentalis</i> ) forests, northern Maine, USA. Forest Ecology and Management, 2020, 456, 117680.	3.2	13
30	Stand Structure and Composition 32 Years after Precommercial Thinning Treatments in a Mixed Northern Conifer Stand in Central Maine. Northern Journal of Applied Forestry, 2011, 28, 92-96.	0.5	12
31	Production economics: comparing hybrid tree-length with whole-tree harvesting methods. Forestry, 2020, 93, 389-400.	2.3	12
32	Understanding compositional stability in mixedwood forests of eastern North America. Canadian Journal of Forest Research, 2021, 51, 897-909.	1.7	12
33	USDA Forest Service Employee Diversity During a Period of Workforce Contraction. Journal of Forestry, 2022, 120, 434-452.	1.0	12
34	Influence of Soil Site Class on Growth and Decay of Northern White-Cedar and Two Associates in Maine. Northern Journal of Applied Forestry, 2009, 26, 68-75.	0.5	11
35	Assessing the role of natural disturbance and forest management on dead wood dynamics in mixed-species stands of central Maine, USA. Canadian Journal of Forest Research, 2016, 46, 1092-1102.	1.7	11
36	Low densities in white pine stands reduce risk of drought-incited decline. Forest Ecology and Management, 2018, 423, 84-93.	3.2	11

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37	Structural Attributes of Old-Growth and Partially Harvested Northern White-Cedar Stands in Northeastern North America. <i>Forests</i> , 2018, 9, 376.	2.1	10
38	The Northern White-Cedar Recruitment Bottleneck: Understanding the Effects of Substrate, Competition, and Deer Browsing. <i>Forests</i> , 2019, 10, 501.	2.1	9
39	Crop tree growth response and quality after silvicultural rehabilitation of cutover stands. <i>Canadian Journal of Forest Research</i> , 2019, 49, 670-679.	1.7	9
40	An Adaptive and Evidence-Based Approach to Building and Retaining Gender Diversity within a University Forestry Education Program: A Case Study of SWIFT. <i>Journal of Forestry</i> , 2020, 118, 193-204.	1.0	9
41	Relative influence of stand and site factors on aboveground live-tree carbon sequestration and mortality in managed and unmanaged forests. <i>Forest Ecology and Management</i> , 2021, 493, 119266.	3.2	9
42	Factors influencing organic-horizon carbon pools in mixed-species stands of central Maine, USA. <i>Forest Ecology and Management</i> , 2016, 364, 90-100.	3.2	8
43	Wabanaki Youth in Science (WaYS): A Tribal Mentoring and Educational Program Integrating Traditional Ecological Knowledge and Western Science. <i>Journal of Forestry</i> , 2017, 115, 480-483.	1.0	8
44	Northern mixedwood composition and productivity 50 years after whole-tree and stem-only harvesting with and without post-harvest prescribed burning. <i>Forest Ecology and Management</i> , 2019, 441, 155-166.	3.2	8
45	Microsite requirements for successful regeneration in lowland northern white-cedar ( <i>Thuja</i> ) Tj ETQq1 1 0.784314 rgBT /Overlçck 10 T	3.2	8
46	Site Quality, Disturbance, and Vegetation Effects on Carbon Storage and Accumulation in Old, Mixed-Species Stands in Central Maine, USA. <i>Natural Areas Journal</i> , 2019, 39, 429.	0.5	8
47	Dynamics of the diameter distribution after selection cutting in uneven- and even-aged northern hardwood stands: a long-term evaluation. <i>Canadian Journal of Forest Research</i> , 2019, 49, 1525-1539.	1.7	7
48	Contemporary status, distribution, and trends of mixedwoods in the northern United States. <i>Canadian Journal of Forest Research</i> , 2021, 51, 881-896.	1.7	7
49	Sixty Years of Silviculture in a Northern Conifer Forest in Maine, USA. <i>Forest Science</i> , 2017, , ,	1.0	7
50	Selective Cutting, Rehabilitation, and Alternatives for Forests of Northeastern North America and Elsewhere. <i>Journal of Forestry</i> , 2014, 112, 259-260.	1.0	6
51	Nonnative invasive plants in the Penobscot Experimental Forest in Maine, USA: Influence of site, silviculture, and land use history<sup>1</sup>,</sup>2</sup>. <i>Journal of the Torrey Botanical Society</i> , 2011, 138, 453-464.	0.3	5
52	Discrimination and Career Satisfaction: Perceptions from US Forest Service Scientists. <i>Journal of Forestry</i> , 0, , ,	1.0	3
53	Tree quality and value: results in northern conifer stands after 65 years of silviculture and harvest. <i>Canadian Journal of Forest Research</i> , 2022, 52, 794-807.	1.7	3
54	Timber harvesting on fragile ground and impacts of uncertainties in the operational costs. <i>International Journal of Forest Engineering</i> , 2022, 33, 12-21.	0.8	2

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55	Early Northern Hardwood Silvicultural Research at the Dukes Experimental Forest, Michigan. Journal of Forestry, 2015, 113, 258-261.	1.0	0
56	The Cutting Practice Level Study at the Penobscot Experimental Forest in Maine. Journal of Forestry, 2017, 115, 58-61.	1.0	0
57	The Evolution of USDA Forest Service Experimental Forest Research on Northern Conifers in the Northeast. Journal of Forestry, 2017, 115, 62-65.	1.0	0
58	Northeastern Conifer Research: Multiple Species and Multiple Values. , 2014, , 103-127.		0