

Pengxin Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Survival and growth patterns of white spruce (<i>Picea glauca</i> [Moench] Voss) rangewide provenances and their implications for climate change adaptation. <i>Ecology and Evolution</i> , 2014, 4, 2360-2374.	1.9	49
2	Insufficient Chilling Effects Vary among Boreal Tree Species and Chilling Duration. <i>Frontiers in Plant Science</i> , 2017, 8, 1354.	3.6	43
3	Geographic variation in cold hardiness among eastern white pine (<i>Pinus strobus</i> L.) provenances in Ontario. <i>Forest Ecology and Management</i> , 2003, 178, 329-340.	3.2	26
4	A compilation of North American tree provenance trials and relevant historical climate data for seven species. <i>Scientific Data</i> , 2021, 8, 29.	5.3	17
5	Critical seed transfer distances for selected tree species in eastern North America. <i>Journal of Ecology</i> , 2021, 109, 2271-2283.	4.0	17
6	Restructuring tree provenance test data to conform to reciprocal transplant experiments for detecting local adaptation. <i>Journal of Applied Ecology</i> , 2016, 53, 1088-1097.	4.0	15
7	Effects of winter warming on cold hardiness and spring budbreak of four boreal conifers. <i>Botany</i> , 2016, 94, 117-126.	1.0	15
8	Seedling survival of <i>Pinus strobus</i> and its interspecific hybrids after artificial inoculation of <i>Cronartium ribicola</i> . <i>Forest Ecology and Management</i> , 2005, 214, 344-357.	3.2	14
9	Breeding eastern white pine for blister rust resistance: A review of progress in Ontario. <i>Forestry Chronicle</i> , 2009, 85, 745-755.	0.6	13
10	Genetic parameter estimates for growth traits of black spruce in northwestern Ontario. <i>Canadian Journal of Forest Research</i> , 2008, 38, 2994-3001.	1.7	11
11	Effects of insufficient chilling on budburst and growth of six temperate forest tree species in Ontario. <i>New Forests</i> , 2021, 52, 303-315.	1.7	9
12	Trembling aspen, balsam poplar, and white birch respond differently to experimental warming in winter months. <i>Canadian Journal of Forest Research</i> , 2014, 44, 1469-1476.	1.7	8
13	Temperature-induced growing season drought threatens survival and height growth of white spruce in southern Ontario, Canada. <i>Forest Ecology and Management</i> , 2019, 448, 355-363.	3.2	7
14	Survival, growth and wood specific gravity of interspecific hybrids of <i>Pinus strobus</i> and <i>P. wallichiana</i> grown in Ontario. <i>Forest Ecology and Management</i> , 2006, 234, 97-106.	3.2	5
15	Cold hardiness of white spruce, black spruce, jack pine, and lodgepole pine needles during dehardening. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1116-1122.	1.7	4
16	Cold tolerance of black spruce, white spruce, jack pine, and lodgepole pine seedlings at different stages of spring dehardening. <i>New Forests</i> , 2021, 52, 317-328.	1.7	4
17	Response of Northern Populations of Black Spruce and Jack Pine to Southward Seed Transfers: Implications for Climate Change. <i>Atmosphere</i> , 2021, 12, 1363.	2.3	3
18	Re-examining breeding zones of white spruce in northwestern Ontario, Canada. <i>New Forests</i> , 2019, 50, 845-858.	1.7	1