Constance A Harrington

List of Publications by Year
in descending order

73	2,143	218677	254184
papers	citations	26 h-index	43 g-index

82	82	82	2223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Forest responses to climate change in the northwestern United States: Ecophysiological foundations for adaptive management. Forest Ecology and Management, 2011, 261, 1121-1142.	3.2	210
2	Modeling the effects of winter environment on dormancy release of Douglas-fir. Forest Ecology and Management, 2010, 259, 798-808.	3.2	191
3	Small mammals in young forests: implications for management for sustainability. Forest Ecology and Management, 2001, 154, 289-309.	3.2	120
4	Harvest residue and competing vegetation affect soil moisture, soil temperature, N availability, and Douglas-fir seedling growth. Forest Ecology and Management, 2005, 205, 333-350.	3.2	100
5	Climateâ€related genetic variation in droughtâ€resistance of Douglasâ€fir (Pseudotsuga menziesii). Global Change Biology, 2015, 21, 947-958.	9.5	78
6	Will changes in phenology track climate change? A study of growth initiation timing in coast Douglasâ€fir. Global Change Biology, 2016, 22, 3712-3723.	9.5	77
7	Influence of harvest residues and vegetation on microsite soil and air temperatures in a young conifer plantation. Agricultural and Forest Meteorology, 2007, 145, 125-138.	4.8	71
8	Individual tree growth response to variable-density thinning in coastal Pacific Northwest forests. Forest Ecology and Management, 2008, 255, 2771-2781.	3.2	71
9	Tradeoffs between chilling and forcing in satisfying dormancy requirements for Pacific Northwest tree species. Frontiers in Plant Science, 2015, 6, 120.	3.6	62
10	Responses of red alder and black cottonwood seedlings to flooding. Physiologia Plantarum, 1987, 69, 35-48.	5.2	57
11	Factors influencing initial sprouting of red alder. Canadian Journal of Forest Research, 1984, 14, 357-361.	1.7	50
12	Post-Planting Treatments Increase Growth of Oregon White Oak (Quercus garryana Dougl. ex Hook.) Seedlings. Restoration Ecology, 2007, 15, 212-222.	2.9	48
13	Effects of planting spacing and site quality on 25-year growth and mortality relationships of Douglas-fir (Pseudotsuga menziesii var. menziesii). Forest Ecology and Management, 2009, 258, 18-25.	3.2	48
14	Forests planted for ecosystem restoration or conservation. New Forests, 1999, 17, 175-190.	1.7	42
15	Impact of climate change on cold hardiness of Douglasâ€fir (PseudotsugaÂmenziesii): environmental and genetic considerations. Global Change Biology, 2015, 21, 3814-3826.	9.5	39
16	Climate change shifts in habitat suitability and phenology of huckleberry (Vaccinium membranaceum). Agricultural and Forest Meteorology, 2020, 280, 107803.	4.8	37
17	Changes in Oregon white oak (Quercus garryana Dougl. ex Hook.) following release from overtopping conifers. Trees - Structure and Function, 2006, 20, 747-756.	1.9	36
18	Factors affecting diurnal stem contraction in young Douglas-fir. Agricultural and Forest Meteorology, 2011, 151, 414-419.	4.8	36

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19	Emerging climateâ€driven disturbance processes: widespread mortality associated with snowâ€toâ€rain transitions across 10Â° of latitude and half the range of a climateâ€threatened conifer. Global Change Biology, 2017, 23, 2903-2914.	9.5	35
20	Tolerance to multiple climate stressors: a case study of Douglasâ€fir drought and cold hardiness. Ecology and Evolution, 2016, 6, 2074-2083.	1.9	34
21	Foliar chemical concentrations, growth, and site productivity relations in western red cedar. Canadian Journal of Forest Research, 1986, 16, 1069-1075.	1.7	32
22	Tree growth and stand development of four Populus clones in large monoclonal plots. New Forests, 1997, 14, 1-18.	1.7	32
23	Tree growth at stand and individual scales in two dual-species mixture experiments in southern Washington State, USA. Canadian Journal of Forest Research, 2009, 39, 1119-1132.	1.7	30
24	Tree growth ten years after residual biomass removal, soil compaction, tillage, and competing vegetation control in a highly-productive Douglas-fir plantation. Forest Ecology and Management, 2013, 305, 60-66.	3.2	30
25	Western redcedar response to precommercial thinning and fertilization through 25Âyears posttreatment. Canadian Journal of Forest Research, 2009, 39, 619-628.	1.7	29
26	Midcanopy growth following thinning in young-growth conifer forests on the Olympic Peninsula western Washington. Forest Ecology and Management, 2010, 259, 1606-1614.	3.2	29
27	Photoperiod cues and patterns of genetic variation limit phenological responses to climate change in warm parts of speciesâ€™ range: Modeling diameterâ€growth cessation in coast Douglasâ€fir. Global Change Biology, 2017, 23, 3348-3362.	9.5	23
28	Cross-sectional area relationships in root systems of loblolly and shortleaf pine. Canadian Journal of Forest Research, 1987, 17, 556-558.	1.7	22
29	Litterfall and nutrient returns in red alder stands in western Washington. Plant and Soil, 1984, 79, 343-351.	3.7	21
30	Effects of root severing treatments on loblolly pine. Canadian Journal of Forest Research, 1988, 18, 1376-1385.	1.7	21
31	Density and rectangularity of planting influence 20-year growth and development of red alder. Canadian Journal of Forest Research, 2002, 32, 1244-1253.	1.7	21
32	Incorporating genetic variation into a model of budburst phenology of coast Douglas-fir (Pseudotsuga menziesii var. menziesii). Canadian Journal of Forest Research, 2011, 41, 139-150.	1.7	21
33	Five-year vegetation control effects on aboveground biomass and nitrogen content and allocation in Douglas-fir plantations on three contrasting sites. Forest Ecology and Management, 2011, 262, 2187-2198.	3.2	20
34	Climate of seed source affects susceptibility of coastal Douglasâ€fir to foliage diseases. Ecosphere, 2017, 8, e02011.	2.2	19
35	Projected impacts of climate change on the range and phenology of three culturally-important shrub species. PLoS ONE, 2020, 15, e0232537.	2.5	19
36	Effects of irrigation, pulp mill sludge, and repeated coppicing on growth and yield of black cottonwood and red alder. Canadian Journal of Forest Research, 1984, 14, 844-849.	1.7	18

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37	Growth and foliar nutrient response to fertilization and precommercial thinning in a coastal western red cedar stand. Canadian Journal of Forest Research, 1990, 20, 764-773.	1.7	18
38	Fate of Overstory Trees and Patterns of Regeneration 12 Years After Clearcutting with Reserve Trees in Southwest Washington. Western Journal of Applied Forestry, 2002, 17, 78-85.	0.5	18
39	Variable density thinning promotes variable structural responses 14â€¯years after treatment in the Pacific Northwest. Forest Ecology and Management, 2018, 410, 114-125.	3.2	18
40	Gain efficiency in short-term testing: experimental results. Canadian Journal of Forest Research, 1992, 22, 290-297.	1.7	15
41	Restoration release of overtopped Oregon white oak increases 10-year growth and acorn production. Forest Ecology and Management, 2013, 291, 87-95.	3.2	15
42	Release of Oregon White Oak from Overtopping Douglas-fir: Effects on Soil Water and Microclimate. Northwest Science, 2007, 81, 112-124.	0.2	14
43	Six years of plant community development after clearcut harvesting in western Washington. Canadian Journal of Forest Research, 2009, 39, 308-319.	1.7	14
44	The possible roles of nutrient deprivation and auxin repression in apical control. Trees - Structure and Function, 2009, 23, 489-500.	1.9	14
45	Retrospective shoot growth analysis for three seed sources of loblolly pine. Canadian Journal of Forest Research, 1991, 21, 306-317.	1.7	13
46	Extending sapwood â€" Leaf area relationships from stems to roots in Coast Douglas-fir. Annals of Forest Science, 2008, 65, 802-802.	2.0	13
47	Growth of Oregon White Oak (Quercus garryana). Northwest Science, 2011, 85, 159-171.	0.2	13
48	Patterns of Survival, Damage, and Growth for Western White Pine in a 16-Year-Old Spacing Trial in Western Washington. Western Journal of Applied Forestry, 2003, 18, 35-43.	0.5	12
49	Synchronicity and Geographic Variation in Oregon White Oak Acorn Production in the Pacific Northwest. Northwest Science, 2009, 83, 117-130.	0.2	12
50	Intra-annual growth and mortality of four Populus clones in pure and mixed plantings. New Forests, 2010, 39, 287-299.	1.7	11
51	Sitka alder, a candidate for mixed stands. Canadian Journal of Forest Research, 1982, 12, 108-111.	1.7	10
52	Coniferâ€"Ceanothus interactions influence tree growth before and after shrub removal in a forest plantation in the western Cascade Mountains, USA. Forest Ecology and Management, 2006, 229, 183-194.	3.2	10
53	Variation in specific gravity of red alder (Alnusrubra Bong.). Canadian Journal of Forest Research, 1980, 10, 293-299.	1.7	9
54	Does Variable-Density Thinning Increase Wind Damage in Conifer Stands on the Olympic Peninsula?. Western Journal of Applied Forestry, 2007, 22, 285-296.	0.5	9

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55	Modeling Wound-Closure Response Over Time in Douglas-Fir Trees. Forest Science, 2019, 65, 156-163.	1.0	9
56	Propagating Native Species: Experience at the Wind River Nursery. Western Journal of Applied Forestry, 1999, 14, 61-64.	0.5	8
57	Vegetation control effects on untreated wood, crude cellulose and holocellulose Î´13C of early and latewood in 3- to 5-year-old rings of Douglas-fir. Trees - Structure and Function, 2008, 22, 603-609.	1.9	8
58	The timing of flowering in Douglas-fir is determined by cool-season temperatures and genetic variation. Forest Ecology and Management, 2018, 409, 729-739.	3.2	7
59	A Direct Measure of Stand Density Based on Stand Growth. Forest Science, 2021, 67, 103-115.	1.0	7
60	Morphology and Accumulation of Epicuticular Wax on Needles of Douglas-fir (Pseudotsuga) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	0.2	6
61	Reverse Technology Transfer: Obtaining Feedback from Managers. Western Journal of Applied Forestry, 1999, 14, 153-163.	0.5	4
62	Laminated Root Rot and Fumigant Injection Affect Survival and Growth of Douglas-Fir. Western Journal of Applied Forestry, 2007, 22, 220-227.	0.5	4
63	Effects of variable-density thinning on non-native understory plants in coniferous forests of the Pacific Northwest. Forest Ecology and Management, 2021, 502, 119699.	3.2	4
64	Prediction of Growth and Mortality of Oregon White Oak in the Pacific Northwest. Western Journal of Applied Forestry, 2008, 23, 26-33.	0.5	3
65	The Distribution of Tree Roots in Douglas-fir Forests in the Pacific Northwest in Relation to Depth, Space, Coarse Organic Matter and Mineral Fragments. Northwest Science, 2017, 91, 326-343.	0.2	3
66	Cold Stratification of Pacific Madrone Seeds. Native Plants Journal, 2004, 5, 66-74.	0.2	2
67	Survival, and Growth Response of Douglas-Fir Trees to Increasing Levels of Bole, Root, and Crown Damage. Forest Science, 2019, 65, 143-155.	1.0	2
68	Acorn storage alternatives tested on Oregon white oak. Native Plants Journal, 2010, 11, 65-76.	0.2	2
69	Effectiveness of winter temperatures for satisfying chilling requirements for reproductive budburst of red alder (Alnus rubra). PeerJ, 2018, 6, e5221.	2.0	2
70	Site-Index Comparisons for Naturally Seeded Loblolly Pine and Shortleaf Pine. Southern Journal of Applied Forestry, 1987, 11, 86-91.	0.3	1
71	Yield Comparison of Three Douglas-Fir Plantations on Former Farmland in Western Washington. Western Journal of Applied Forestry, 1990, 5, 123-126.	0.5	1
72	Field Note: Growth and Survival of Port-Orford-Cedar Families on Three Sites on the South Oregon Coast. Western Journal of Applied Forestry, 2012, 27, 156-158.	0.5	1

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73	Variable-density thinning promotes differential recruitment and development of shade tolerant conifer species after 17 years. New Forests, 2021, 52, 329-348.	1.7	1