

James N Long

List of Publications by Year in descending order

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72
papers

3,187
citations

136950

32
h-index

168389

53
g-index

72
all docs

72
docs citations

72
times ranked

2245
citing authors

#	ARTICLE	IF	CITATIONS
1	Landscape-Scale Drivers of Resistance and Resilience to Bark Beetles: A Conceptual Susceptibility Model. <i>Forests</i> , 2021, 12, 798.	2.1	9
2	Regional differences in aspen (<i>Populus tremuloides</i> Michx.) seedling response to an established nursery protocol. <i>New Forests</i> , 2020, 51, 367-378.	1.7	4
3	Exploring seedling-based aspen (<i>Populus tremuloides</i>) restoration near range limits in the Intermountain West, USA. <i>Forest Ecology and Management</i> , 2020, 476, 118470.	3.2	4
4	Stable or seral? Fire-driven alternative states in aspen forests of western North America. <i>Biology Letters</i> , 2019, 15, 20190011.	2.3	15
5	Epidemic spruce beetle outbreak changes drivers of Engelmann spruce regeneration. <i>Ecosphere</i> , 2019, 10, e02912.	2.2	8
6	Building Resistance and Resilience: Regeneration Should Not be Left to Chance. <i>Forests</i> , 2018, 9, 270.	2.1	11
7	Climatic Drivers of Ponderosa Pine Growth in Central Idaho. <i>Tree-Ring Research</i> , 2018, 74, 172-184.	0.6	5
8	Summer-fall home-range fidelity of female elk in northwestern Colorado: Implications for aspen management. <i>Forest Ecology and Management</i> , 2017, 389, 220-227.	3.2	6
9	Traumatic resin ducts as indicators of bark beetle outbreaks. <i>Canadian Journal of Forest Research</i> , 2017, 47, 1168-1174.	1.7	30
10	Does the Practice of Silviculture Build Resilience to the Spruce Beetle? A Case Study of Treated and Untreated Spruce-Fir Stands in Northern Utah. <i>Journal of Forestry</i> , 2017, 115, 559-567.	1.0	5
11	Herbivory and advance reproduction influence quaking aspen regeneration response to management in southern Utah, USA. <i>Canadian Journal of Forest Research</i> , 2016, 46, 674-682.	1.7	4
12	Limber Pine (<i>Pinus flexilis</i> James), a Flexible Generalist of Forest Communities in the Intermountain West. <i>PLoS ONE</i> , 2016, 11, e0160324.	2.5	11
13	Carbon Dynamics in Central US Rockies Lodgepole Pine Type after Mountain Pine Beetle Outbreaks. <i>Forest Science</i> , 2015, 61, 665-679.	1.0	19
14	If Long-Term Resistance to a Spruce Beetle Epidemic is Futile, Can Silvicultural Treatments Increase Resilience in Spruce-Fir Forests in the Central Rocky Mountains?. <i>Forests</i> , 2015, 6, 1157-1178.	2.1	14
15	Cytotype differences in radial increment provide novel insight into aspen reproductive ecology and stand dynamics. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1-8.	1.7	36
16	Discriminant analysis reveals limited association between forest habitat types and the environment in western United States land classification. <i>Applied Vegetation Science</i> , 2015, 18, 158-168.	1.9	4
17	A comprehensive framework of forest stand propertyâ€‘density relationships: perspectives for plant population ecology and forest management. <i>Annals of Forest Science</i> , 2014, 71, 325-335.	2.0	23
18	Vegetation geo-climatic zonation in the rocky mountains, Northern Utah, USA. <i>Journal of Mountain Science</i> , 2014, 11, 656-673.	2.0	6

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19	Resistance and Resilience: A Conceptual Framework for Silviculture. <i>Forest Science</i> , 2014, 60, 1205-1212.	1.0	118
20	Effect of increasing temperatures on the distribution of spruce beetle in Engelmann spruce forests of the Interior West, USA. <i>Forest Ecology and Management</i> , 2013, 308, 198-206.	3.2	41
21	Fidelity and diagnostic species concepts in vegetation classification in the Rocky Mountains, northern Utah, USA. <i>Botany</i> , 2012, 90, 678-693.	1.0	8
22	A Density Management Diagram for Even-Aged Sierra Nevada Mixed-Conifer Stands. <i>Western Journal of Applied Forestry</i> , 2012, 27, 187-195.	0.5	16
23	Factors Influencing the Spatial and Temporal Dynamics of Engelmann Spruce Mortality during a Spruce Beetle Outbreak on the Markagunt Plateau, Utah. <i>Forest Science</i> , 2012, 58, 1-14.	1.0	41
24	Changing perspectives on regeneration ecology and genetic diversity in western quaking aspen: implications for silviculture. <i>Canadian Journal of Forest Research</i> , 2012, 42, 2011-2021.	1.7	50
25	Drought-driven disturbance history characterizes a southern Rocky Mountain subalpine forest. <i>Canadian Journal of Forest Research</i> , 2012, 42, 1649-1660.	1.7	38
26	Using Silviculture to Influence Carbon Sequestration in Southern Appalachian Spruce-Fir Forests. <i>Forests</i> , 2012, 3, 300-316.	2.1	19
27	Combining dendrochronological data and the disturbance index to assess Engelmann spruce mortality caused by a spruce beetle outbreak in southern Utah, USA. <i>Remote Sensing of Environment</i> , 2011, 115, 2342-2349.	11.0	33
28	Regeneration response and seedling bank dynamics on a <i>Dendroctonus rufipennis</i> -killed <i>Picea engelmannii</i> landscape. <i>Journal of Vegetation Science</i> , 2010, 21, 377-387.	2.2	46
29	Developing and Comparing Silvicultural Alternatives: Goals, Objectives, and Evaluation Criteria. <i>Western Journal of Applied Forestry</i> , 2010, 25, 96-98.	0.5	8
30	Emulating natural disturbance regimes as a basis for forest management: A North American view. <i>Forest Ecology and Management</i> , 2009, 257, 1868-1873.	3.2	151
31	Wildfire and spruce beetle outbreak: Simulation of interacting disturbances in the central Rocky Mountains. <i>Ecoscience</i> , 2009, 16, 28-38.	1.4	54
32	A density management diagram for Scots pine (<i>Pinus sylvestris</i> L.): A tool for assessing the forest's protective effect. <i>Forest Ecology and Management</i> , 2008, 255, 2542-2554.	3.2	27
33	Forest Ecology and Biogeography of the Uinta Mountains, U.S.A. <i>Arctic, Antarctic, and Alpine Research</i> , 2007, 39, 614-628.	1.1	13
34	Disturbance, structure, and composition: Spruce beetle and Engelmann spruce forests on the Markagunt Plateau, Utah. <i>Forest Ecology and Management</i> , 2007, 244, 16-23.	3.2	60
35	A Density Management Diagram for Longleaf Pine Stands with Application to Red-Cockaded Woodpecker Habitat. <i>Southern Journal of Applied Forestry</i> , 2007, 31, 28-38.	0.3	45
36	A Density Management Diagram for Even-aged Ponderosa Pine Stands. <i>Western Journal of Applied Forestry</i> , 2005, 20, 205-215.	0.5	68

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37	Linkages between silviculture and ecology: examination of several important conceptual models. <i>Forest Ecology and Management</i> , 2004, 200, 249-261.	3.2	104
38	Diversity, complexity and interactions: an overview of Rocky Mountain forest ecosystems. <i>Tree Physiology</i> , 2003, 23, 1091-1099.	3.1	14
39	Age-related decline in forest growth: an emergent property. <i>Forest Ecology and Management</i> , 2001, 144, 175-181.	3.2	115
40	Stand Density Management Diagram for Mixed Balsam Fir-Black Spruce Stands. <i>Northern Journal of Applied Forestry</i> , 1998, 15, 17-22.	0.5	13
41	COARSE WOODY DEBRIS AS A FUNCTION OF AGE, STAND STRUCTURE, AND DISTURBANCE IN BOREAL NEWFOUNDLAND. , 1997, 7, 702-712.		241
42	Coarse Woody Debris as a Function of Age, Stand Structure, and Disturbance in Boreal Newfoundland. , 1997, 7, 702.		4
43	Linkages between silviculture and ecology: an analysis of density management diagrams. <i>Forest Ecology and Management</i> , 1996, 86, 205-220.	3.2	131
44	Temporal and spatial dynamics of boreal forest structure in western Newfoundland: silvicultural implications for marten habitat management. <i>Forest Ecology and Management</i> , 1996, 87, 13-25.	3.2	52
45	Technical Notes: A Technique for the Control of Stocking in Two-Storied Stands. <i>Western Journal of Applied Forestry</i> , 1996, 11, 59-61.	0.5	24
46	A density management diagram for teak plantations of Kerala in peninsular india. <i>Forest Ecology and Management</i> , 1995, 74, 125-131.	3.2	39
47	Canopy stratification and leaf area efficiency: a conceptualization. <i>Forest Ecology and Management</i> , 1993, 60, 143-156.	3.2	46
48	Forest production and the organization of foliage within crowns and canopies. <i>Forest Ecology and Management</i> , 1992, 49, 233-245.	3.2	32
49	Influence of leaf area and canopy structure on size-density relations in even-aged lodgepole pine stands. <i>Forest Ecology and Management</i> , 1992, 49, 109-117.	3.2	17
50	Aboveground biomass accumulation in coppicing woodland, northeast Brazil. <i>Forest Ecology and Management</i> , 1992, 55, 201-208.	3.2	5
51	Volume increment in <i>Pinus contorta</i> var. <i>latifolia</i> : the influence of stand development and crown dynamics. <i>Forest Ecology and Management</i> , 1992, 53, 53-64.	3.2	101
52	Production efficiency of <i>Abies lasiocarpa</i> : influence of vertical distribution of leaf area. <i>Canadian Journal of Forest Research</i> , 1992, 22, 1230-1234.	1.7	34
53	Technical Commentary: Growth and Yield Implications of a "New Forestry" Silvicultural System. <i>Western Journal of Applied Forestry</i> , 1992, 7, 6-9.	0.5	13
54	Response of leaf area index to density for two contrasting tree species. <i>Canadian Journal of Forest Research</i> , 1991, 21, 1760-1764.	1.7	23

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55	Effects of Storage, Planting Date, and Shelter on Engelmann Spruce Containerized Seedlings in the Central Rockies. <i>Western Journal of Applied Forestry</i> , 1991, 6, 36-38.	0.5	5
56	Assessment of Growing Stock in Uneven-Aged Stands. <i>Western Journal of Applied Forestry</i> , 1990, 5, 93-96.	0.5	111
57	Determinants of Stemwood Production in <i>Pinus contorta</i> var. <i>Latifolia</i> Forests: The Influence of Site Quality and Stand Structure. <i>Journal of Applied Ecology</i> , 1990, 27, 847.	4.0	70
58	The Influence of Canopy Architecture on Stemwood Production and Growth Efficiency of <i>Pinus contorta</i> Var. <i>Latifolia</i> . <i>Journal of Applied Ecology</i> , 1989, 26, 681.	4.0	65
59	Intra- and interspecific tests of some traditional indicators of relative tolerance. <i>Forest Ecology and Management</i> , 1989, 28, 177-189.	3.2	0
60	Estimating leaf area of <i>Abies lasiocarpa</i> across ranges of stand density and site quality. <i>Canadian Journal of Forest Research</i> , 1989, 19, 930-932.	1.7	29
61	Leaf area - sapwood area relations of lodgepole pine as influenced by stand density and site index. <i>Canadian Journal of Forest Research</i> , 1988, 18, 247-250.	1.7	99
62	Above-ground production in cleared and thinned stands of semiarid tropical woodland, Brazil. <i>Forest Ecology and Management</i> , 1988, 23, 201-214.	3.2	12
63	A Modified Density Management Diagram for Coastal Douglas-Fir. <i>Western Journal of Applied Forestry</i> , 1988, 3, 88-89.	0.5	20
64	Elk Hiding and Thermal Cover Guidelines in the Context of Lodgepole Pine Stand Density. <i>Western Journal of Applied Forestry</i> , 1987, 2, 6-10.	0.5	39
65	A Lodgepole Pine Density Management Diagram. <i>Western Journal of Applied Forestry</i> , 1986, 1, 6-11.	0.5	65
66	Sapwood area of <i>Pinus contorta</i> stands as a function of mean size and density. <i>Oecologia</i> , 1986, 68, 410-412.	2.0	20
67	A Practical Approach to Density Management. <i>Forestry Chronicle</i> , 1985, 61, 23-27.	0.6	211
68	Relation between size and density in developing stands: A description and possible mechanisms. <i>Forest Ecology and Management</i> , 1984, 7, 191-206.	3.2	142
69	Crown structure of a codominant Douglas-fir. <i>Canadian Journal of Forest Research</i> , 1983, 13, 264-269.	1.7	19
70	The role of Douglas-fir stem sapwood and heartwood in the mechanical and physiological support of crowns and development of stem form. <i>Canadian Journal of Forest Research</i> , 1981, 11, 459-464.	1.7	69
71	Aboveground Biomass of Understorey and Overstorey in an Age Sequence of Four Douglas-Fir Stands. <i>Journal of Applied Ecology</i> , 1975, 12, 179.	4.0	41
72	Accumulation of Organic Matter in a Series of Douglas-fir Stands. <i>Canadian Journal of Forest Research</i> , 1975, 5, 681-690.	1.7	112