

Justin L Hart

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,372
citations

361413

20
h-index

377865

34
g-index

68
all docs

68
docs citations

68
times ranked

1494
citing authors

#	ARTICLE	IF	CITATIONS
1	Drought timing and local climate determine the sensitivity of eastern temperate forests to drought. <i>Global Change Biology</i> , 2018, 24, 2339-2351.	9.5	168
2	Climate remains an important driver of post-European vegetation change in the eastern United States. <i>Global Change Biology</i> , 2015, 21, 2105-2110.	9.5	96
3	The Fall Line: a Physiographic Forest Vegetation Boundary. <i>Geographical Review</i> , 2007, 97, 502-519.	1.8	89
4	Composition, structure, and dendroecology of an old-growth <i>Quercus</i> forest on the tablelands of the Cumberland Plateau, USA. <i>Forest Ecology and Management</i> , 2012, 266, 11-24.	3.2	61
5	Barriers to natural regeneration in temperate forests across the USA. <i>New Forests</i> , 2019, 50, 11-40.	1.7	61
6	Gap-scale disturbance processes in secondary hardwood stands on the Cumberland Plateau, Tennessee, USA. <i>Plant Ecology</i> , 2009, 201, 131-146.	1.6	54
7	Canopy gap dynamics and development patterns in secondary <i>Quercus</i> stands on the Cumberland Plateau, Alabama, USA. <i>Forest Ecology and Management</i> , 2011, 262, 2229-2239.	3.2	52
8	Vegetation patterns and dendroecology of a mixed hardwood forest on the Cumberland Plateau: Implications for stand development. <i>Forest Ecology and Management</i> , 2008, 255, 1960-1975.	3.2	50
9	Canopy disturbance history of old-growth <i>Quercus alba</i> sites in the eastern United States: Examination of long-term trends and broad-scale patterns. <i>Forest Ecology and Management</i> , 2012, 267, 28-39.	3.2	39
10	Forest Dynamics in a Natural Area of the Southern Ridge and Valley, Tennessee. <i>Natural Areas Journal</i> , 2008, 28, 275-289.	0.5	33
11	Fire history from soil charcoal in a mixed hardwood forest on the Cumberland Plateau, Tennessee, USA1. <i>Journal of the Torrey Botanical Society</i> , 2008, 135, 401.	0.3	32
12	The Historical Dendroarchaeology Of the Hoskins House, Tannenbaum Historic Park, Greensboro, North Carolina, U.S.A. <i>Tree-Ring Research</i> , 2009, 65, 37-45.	0.6	29
13	Canopy accession strategies and climate-growth relationships in <i>Acer rubrum</i> . <i>Forest Ecology and Management</i> , 2012, 282, 124-132.	3.2	28
14	Effects of intermediate-scale wind disturbance on composition, structure, and succession in <i>Quercus</i> stands: Implications for natural disturbance-based silviculture. <i>Forest Ecology and Management</i> , 2014, 330, 240-251.	3.2	28
15	Influence of climate and disturbance on the growth of <i>Tsuga canadensis</i> at its southern limit in eastern North America. <i>Trees - Structure and Function</i> , 2010, 24, 621-633.	1.9	24
16	Altered structural development and accelerated succession from intermediate-scale wind disturbance in <i>Quercus</i> stands on the Cumberland Plateau, USA. <i>Forest Ecology and Management</i> , 2015, 336, 52-64.	3.2	23
17	Fire in Eastern north American Oak Ecosystems: Filling the Gaps. <i>Fire Ecology</i> , 2016, 12, 1-6.	3.0	23
18	Habitat age influences metacommunity assembly and species richness in successional pond ecosystems. <i>Ecosphere</i> , 2017, 8, e01871.	2.2	23

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19	Two Centuries of Forest Compositional and Structural Changes in the Alabama Fall Line Hills. <i>American Midland Naturalist</i> , 2015, 174, 218-237.	0.4	22
20	Tree-Ring Dating Of Old-Growth Longleaf Pine (<i>Pinus palustris</i> Mill.) Logs From An Exposed Timber Crib Dam, Hope Mills, North Carolina, U.S.A. <i>Tree-Ring Research</i> , 2009, 65, 69-80.	0.6	21
21	Effects of thinning and prescribed fire frequency on ground flora in mixed <i>Pinus</i> -hardwood stands. <i>Forest Ecology and Management</i> , 2019, 432, 729-740.	3.2	21
22	What Are Intermediate-Severity Forest Disturbances and Why Are They Important?. <i>Forests</i> , 2018, 9, 579.	2.1	20
23	Relationships between <i>Ligustrum sinense</i> Invasion, Biodiversity, and Development in a Mixed Bottomland Forest. <i>Invasive Plant Science and Management</i> , 2013, 6, 175-186.	1.1	19
24	Legacy of Charcoaling in a Western Highland Rim Forest in Tennessee. <i>American Midland Naturalist</i> , 2008, 159, 238.	0.4	18
25	Sapling richness and composition in canopy gaps of a southern Appalachian mixed <i>Quercus</i> forest. <i>Journal of the Torrey Botanical Society</i> , 2011, 138, 207-219.	0.3	18
26	Patterns of Riparian and In-stream Large Woody Debris Across a Chronosequence of Southern Appalachian Hardwood Stands. <i>Natural Areas Journal</i> , 2014, 34, 65-78.	0.5	18
27	Catastrophic wind and salvage harvesting effects on woodland plants. <i>Forest Ecology and Management</i> , 2017, 403, 112-125.	3.2	18
28	Canopy Disturbance Patterns in Secondary Hardwood Stands on the Highland Rim of Alabama. <i>Castanea</i> , 2011, 76, 55-63.	0.1	17
29	Effects of wind disturbance and salvage harvesting on macrofungal communities in a <i>Pinus</i> woodland. <i>Forest Ecology and Management</i> , 2018, 407, 31-46.	3.2	17
30	Influence of gap-scale disturbance on developmental and successional pathways in <i>Quercus</i> - <i>Pinus</i> stands. <i>Forest Ecology and Management</i> , 2014, 331, 60-70.	3.2	16
31	American chestnut (<i>Castanea dentata</i>) to northern red oak (<i>Quercus rubra</i>): forest dynamics of an old-growth forest in the Blue Ridge Mountains, USA. <i>Botany</i> , 2012, 90, 1263-1276.	1.0	15
32	Disjunct eastern hemlock (<i>Tsuga canadensis</i>) stands at its southern range boundary. <i>Journal of the Torrey Botanical Society</i> , 2005, 132, 602-612.	0.3	12
33	A methodological analysis of canopy disturbance reconstructions using <i>Quercus alba</i> . <i>Canadian Journal of Forest Research</i> , 2011, 41, 1359-1367.	1.7	12
34	Composition, structure, and intra-stand spatial patterns along a disturbance severity gradient in a <i>Quercus</i> stand. <i>Forest Ecology and Management</i> , 2016, 381, 305-317.	3.2	12
35	Effects of intermediate-severity disturbance on composition and structure in mixed <i>Pinus</i> -hardwood stands. <i>Forest Ecology and Management</i> , 2017, 400, 110-122.	3.2	12
36	Response by vertical strata to catastrophic wind in restored <i>Pinus palustris</i> stands. <i>Journal of the Torrey Botanical Society</i> , 2017, 144, 423-438.	0.3	12

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37	Vascular Flora of Longleaf Pine Woodlands after Wind Disturbance and Salvage Harvesting in the Alabama Fall Line Hills. <i>Castanea</i> , 2018, 83, 183-195.	0.1	12
38	Radial Growth Responses of Three Co-Occurring Species to Small Canopy Disturbances in a Secondary Hardwood Forest on the Cumberland Plateau, Tennessee. <i>Physical Geography</i> , 2010, 31, 270-291.	1.4	11
39	Woody Regeneration in a Southern Appalachian <i>Quercus</i> Stand Following Wind Disturbance and Salvage Logging. <i>Castanea</i> , 2014, 79, 223-236.	0.1	11
40	Canopy accession strategies and climate responses for three <i>Carya</i> species common in the Eastern Deciduous Forest. <i>Trees - Structure and Function</i> , 2014, 28, 223-235.	1.9	11
41	Prescribed fire effects on <i>Pinus palustris</i> woodland development after catastrophic wind disturbance and salvage logging. <i>Forest Ecology and Management</i> , 2020, 468, 118173.	3.2	9
42	Temporal patterns of ground flora response to fire in thinned <i>Pinus</i> <i>Quercus</i> stands. <i>Canadian Journal of Forest Research</i> , 2018, 48, 1171-1183.	1.7	8
43	Spatial Patterns of Irradiance and Advanced Reproduction along a Canopy Disturbance Severity Gradient in an Upland Hardwood Stand. <i>Forests</i> , 2016, 7, 73.	2.1	7
44	Spatial Patterns of Canopy Disturbance, Structure, and Species Composition in a Multi-Cohort Hardwood Stand. <i>Forests</i> , 2017, 8, 93.	2.1	7
45	Three-dimensional light structure of an upland <i>Quercus</i> stand post-tornado disturbance. <i>Journal of Forestry Research</i> , 2020, 31, 141-153.	3.6	7
46	Population dynamics of sugar maple through the southern portion of its range: implications for range migration. <i>Botany</i> , 2014, 92, 563-569.	1.0	6
47	Incorporating Intermediate-Severity Disturbances in Oak Stand Development. <i>Forests</i> , 2017, 8, 284.	2.1	6
48	Disturbance history, species diversity, and structural complexity of a temperate deciduous forest. <i>Journal of Forestry Research</i> , 2020, 31, 397-414.	3.6	6
49	Flammability Characteristics of Surface Fuels in a Longleaf Pine (<i>Pinus palustris</i> Mill.) Woodland. <i>Fire</i> , 2020, 3, 39.	2.8	6
50	Is Forest Restoration an End unto Itself or a Means to an End?. <i>Journal of Forestry</i> , 2015, 113, 266-267.	1.0	5
51	Disturbance, Succession, and Structural Development of an Upland Hardwood Forest on the Interior Low Plateau, Tennessee. <i>Natural Areas Journal</i> , 2015, 35, 557-573.	0.5	5
52	Edge influence on composition and structure of a <i>Pinus palustris</i> woodland following catastrophic wind disturbance. <i>Canadian Journal of Forest Research</i> , 2019, , 332-341.	1.7	5
53	Effects of catastrophic wind disturbance, salvage logging, and prescribed fire on fuel loading and composition in a <i>Pinus palustris</i> woodland. <i>Forest Ecology and Management</i> , 2020, 478, 118515.	3.2	5
54	Gap-Scale Disturbances in Central Hardwood Forests with Implications for Management. <i>Managing Forest Ecosystems</i> , 2016, , 33-47.	0.9	4

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55	Microsite Influence on Woody Plant Regeneration in a <i>Pinus palustris</i> Woodland Following Catastrophic Disturbance. <i>Forests</i> , 2020, 11, 588.	2.1	4
56	Composition and Structure of a Montane Longleaf Pine Stand on the Alabama Piedmont. <i>Southeastern Naturalist</i> , 2020, 19, 436.	0.4	4
57	Has Forest Restoration Been Freed from the Bonds of History?. <i>Journal of Forestry</i> , 2015, 113, 429-430.	1.0	3
58	A longing for the natural past: unexplored benefits and impacts of a nostalgic approach toward restoration in ecology. <i>Restoration Ecology</i> , 2019, 27, 949-954.	2.9	3
59	Drought-Induced Growth Response of Longleaf Pine in the Alabama Fall Line Hills. <i>Southeastern Naturalist</i> , 2019, 18, 99.	0.4	3
60	Ground flora cover, diversity, and life-history trait representation after wind disturbance, salvage logging, and prescribed fire in a <i>Pinus palustris</i> woodland. <i>Applied Vegetation Science</i> , 2021, 24, .	1.9	2
61	Functional trait sorting increases over succession in metacommunity mosaics of fish assemblages. <i>Oecologia</i> , 2021, 196, 483-497.	2.0	2
62	Spatial Patterns of Canopy Disturbance and Shortleaf Pine in a Mixedwood Forest. <i>Forest Science</i> , 2021, 67, 433-445.	1.0	2
63	Spatial patterns of stand structure and canopy disturbance in a fire-maintained <i>Pinus palustris</i> woodland. <i>Applied Vegetation Science</i> , 2022, 25, .	1.9	2
64	Forest Vegetation and Development Patterns in Secondary Stands on the Alabama Highland Rim: An Examination of the Largest Landholding in the Region. <i>Natural Areas Journal</i> , 2011, 31, 256-269.	0.5	1
65	Extent of Alabama's Terrestrial Nature Reserve System in Representing Ecosystem Diversity: A Coarse-Filter Gap Analysis. <i>Natural Areas Journal</i> , 2014, 34, 495-504.	0.5	1
66	Resilience of a Fire-Maintained <i>Pinus palustris</i> Woodland to Catastrophic Wind Disturbance: 10 Year Results. <i>Forests</i> , 2021, 12, 1051.	2.1	1
67	Decadal Changes in Disjunct Eastern Hemlock Stands at Its Southern Range Boundary. <i>Castanea</i> , 2015, 80, 171-182.	0.1	0
68	Gap-scale disturbance processes in secondary hardwood stands on the Cumberland Plateau, Tennessee, USA. , 2008, , 131-146.		0