

Christina Lynn Staudhammer

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

1,878
citations

257450

24
h-index

302126

39
g-index

80
all docs

80
docs citations

80
times ranked

2495
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction and evaluation of possible indices of stand structural diversity. <i>Canadian Journal of Forest Research</i> , 2001, 31, 1105-1115.	1.7	199
2	Human and biophysical legacies shape contemporary urban forests: A literature synthesis. <i>Urban Forestry and Urban Greening</i> , 2018, 31, 157-168.	5.3	141
3	Explaining variation in Brazil nut fruit production. <i>Forest Ecology and Management</i> , 2007, 250, 244-255.	3.2	110
4	Socio-ecological dynamics and inequality in Bogotá, Colombia's public urban forests and their ecosystem services. <i>Urban Forestry and Urban Greening</i> , 2015, 14, 1040-1053.	5.3	89
5	Tree biomass, wood waste yield, and carbon storage changes in an urban forest. <i>Landscape and Urban Planning</i> , 2014, 127, 18-27.	7.5	57
6	Testing a silvicultural recommendation: Brazil nut responses 10 years after liana cutting. <i>Journal of Applied Ecology</i> , 2014, 51, 655-663.	4.0	51
7	Analyzing growth and mortality in a subtropical urban forest ecosystem. <i>Landscape and Urban Planning</i> , 2012, 104, 85-94.	7.5	50
8	Effects of simulated drought on the carbon balance of Everglades short hydroperiod marsh. <i>Global Change Biology</i> , 2013, 19, 2511-2523.	9.5	42
9	How Do Urban Forests Compare? Tree Diversity in Urban and Periurban Forests of the Southeastern US. <i>Forests</i> , 2016, 7, 120.	2.1	39
10	Shifting cultivation effects on Brazil nut (<i>Bertholletia excelsa</i>) regeneration. <i>Forest Ecology and Management</i> , 2008, 256, 28-35.	3.2	38
11	Assessing Interactions Among Changing Climate, Management, and Disturbance in Forests: A MacroSystems Approach. <i>BioScience</i> , 2015, 65, 263-274.	4.9	38
12	Individual Tree-Based Diameter Growth Model of Slash Pine in Florida Using Nonlinear Mixed Modeling. <i>Forest Science</i> , 2013, 59, 27-37.	1.0	37
13	A spatially explicit analysis to extrapolate carbon fluxes in upland tundra where permafrost is thawing. <i>Global Change Biology</i> , 2011, 17, 1379-1393.	9.5	35
14	Intensified inundation shifts a freshwater wetland from a CO ₂ sink to a source. <i>Global Change Biology</i> , 2019, 25, 3319-3333.	9.5	34
15	Cyclic Occurrence of Fire and Its Role in Carbon Dynamics along an Edaphic Moisture Gradient in Longleaf Pine Ecosystems. <i>PLoS ONE</i> , 2013, 8, e54045.	2.5	33
16	Logging in bamboo-dominated forests in southwestern Amazonia: Caveats and opportunities for smallholder forest management. <i>Forest Ecology and Management</i> , 2014, 315, 202-210.	3.2	32
17	Time series analysis of forest carbon dynamics: recovery of <i>Pinus palustris</i> physiology following a prescribed fire. <i>New Forests</i> , 2015, 46, 63-90.	1.7	32
18	Trees and Crime in Bogota, Colombia: Is the link an ecosystem disservice or service?. <i>Land Use Policy</i> , 2018, 78, 583-592.	5.6	31

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19	Implementing multiple forest management in Brazil nut-rich community forests: Effects of logging on natural regeneration and forest disturbance. <i>Forest Ecology and Management</i> , 2012, 268, 92-102.	3.2	29
20	Future crop tree damage in a certified community forest in southwestern Amazonia. <i>Forest Ecology and Management</i> , 2007, 242, 108-118.	3.2	28
21	Productivity and species richness in longleaf pine woodlands: resource disturbance influences across an edaphic gradient. <i>Ecology</i> , 2016, 97, 2259-2271.	3.2	28
22	Spatial patterns of a subtropical, coastal urban forest: Implications for land tenure, hurricanes, and invasives. <i>Urban Forestry and Urban Greening</i> , 2010, 9, 205-214.	5.3	27
23	Effects of seasonality, litter removal and dry-season irrigation on litterfall quantity and quality in eastern Amazonian forest regrowth, Brazil. <i>Journal of Tropical Ecology</i> , 2008, 24, 27-38.	1.1	26
24	Modeling hurricane-caused urban forest debris in Houston, Texas. <i>Landscape and Urban Planning</i> , 2011, 101, 286-297.	7.5	26
25	Tradeoffs in basal area growth and reproduction shift over the lifetime of a long-lived tropical species. <i>Oecologia</i> , 2013, 173, 45-57.	2.0	26
26	Analyzing the causal factors of carbon stores in a subtropical urban forest. <i>Ecological Complexity</i> , 2014, 20, 23-32.	2.9	26
27	Rapid Assessment of Change and Hurricane Impacts to Houston's Urban Forest Structure. <i>Arboriculture and Urban Forestry</i> , 2011, 37, 60-66.	0.6	24
28	Temporal dynamics of a subtropical urban forest in San Juan, Puerto Rico, 2001-2010. <i>Landscape and Urban Planning</i> , 2013, 120, 96-106.	7.5	23
29	Seasonal patterns in energy partitioning of two freshwater marsh ecosystems in the Florida Everglades. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1487-1505.	3.0	23
30	Carbon Dynamics of <i>Pinus palustris</i> Ecosystems Following Drought. <i>Forests</i> , 2016, 7, 98.	2.1	22
31	Modeling Relationships among 217 Fires Using Remote Sensing of Burn Severity in Southern Pine Forests. <i>Remote Sensing</i> , 2011, 3, 2005-2028.	4.0	21
32	El Niño Southern Oscillation (ENSO) Enhances CO ₂ Exchange Rates in Freshwater Marsh Ecosystems in the Florida Everglades. <i>PLoS ONE</i> , 2014, 9, e115058.	2.5	20
33	Competition dynamics in pure- versus mixed-family stands of loblolly and slash pine in the southeastern United States. <i>Canadian Journal of Forest Research</i> , 2009, 39, 396-409.	1.7	19
34	Control of <i>Carapa guianensis</i> phenology and seed production at multiple scales: a five-year study exploring the influences of tree attributes, habitat heterogeneity and climate cues. <i>Journal of Tropical Ecology</i> , 2012, 28, 105-118.	1.1	19
35	Primary and secondary dispersal of <i>Bertholletia excelsa</i> : Implications for sustainable harvests. <i>Forest Ecology and Management</i> , 2018, 415-416, 98-105.	3.2	19
36	Predictors, spatial distribution, and occurrence of woody invasive plants in subtropical urban ecosystems. <i>Journal of Environmental Management</i> , 2015, 155, 97-105.	7.8	18

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37	Profile Charts for Monitoring Lumber Manufacturing Using Laser Range Sensor Data. Journal of Quality Technology, 2007, 39, 224-240.	2.5	17
38	Evaluating the impact of oyster (<i>Crassostrea virginica</i>) gardening on sediment nitrogen cycling in a subtropical estuary. Bulletin of Marine Science, 2015, 91, 323-341.	0.8	17
39	Effects of drought and prescribed fire on energy exchange in longleaf pine ecosystems. Ecosphere, 2015, 6, 1-22.	2.2	17
40	Allometric Equations for Volume, Biomass, and Carbon in Commercial Stems Harvested in a Managed Forest in the Southwestern Amazon: A Case Study. Forests, 2020, 11, 874.	2.1	16
41	Technical Note: Patterns of Urban Forest Debris from the 2004 and 2005 Florida Hurricane Seasons. Southern Journal of Applied Forestry, 2009, 33, 193-196.	0.3	13
42	Resolving uncertainties in predictive equations for urban tree crown characteristics of the southeastern United States: Local and general equations for common and widespread species. Urban Forestry and Urban Greening, 2016, 20, 282-294.	5.3	13
43	Interactions Among Abiotic Drivers, Disturbance and Gross Ecosystem Carbon Exchange on Soil Respiration from Subtropical Pine Savannas. Ecosystems, 2018, 21, 1639-1658.	3.4	13
44	Are Brazil nut populations threatened by fruit harvest?. Biotropica, 2018, 50, 50-59.	1.6	13
45	Urban forest response to Hurricane Irma: The role of landscape characteristics and sociodemographic context. Urban Forestry and Urban Greening, 2021, 61, 127093.	5.3	13
46	Heterogeneity in NTFP quality, access and management shape benefit distribution in an Amazonian extractive reserve. Environmental Conservation, 2014, 41, 242-252.	1.3	11
47	Preserving the variance in imputed eddy-covariance measurements: Alternative methods for defensible gap filling. Agricultural and Forest Meteorology, 2017, 232, 635-649.	4.8	11
48	Influence of Selection Method on Skidder-Trail Soil Compaction in Longleaf Pine Forest. Forest Science, 2018, 64, 641-652.	1.0	11
49	The role of understory phenology and productivity in the carbon dynamics of longleaf pine savannas. Ecosphere, 2019, 10, e02675.	2.2	11
50	Ecosystem resistance in the face of climate change: a case study from the freshwater marshes of the Florida Everglades. Ecosphere, 2015, 6, 1-23.	2.2	10
51	Designing and Evaluating Bamboo Harvesting Methods for Local Needs: Integrating Local Ecological Knowledge and Science. Environmental Management, 2016, 58, 312-322.	2.7	10
52	Population Structure and Fruit Production of <i>Carapa guianensis</i> (Andiroba) in Amazonian Floodplain Forests. Tropical Conservation Science, 2017, 10, 194008291771883.	1.2	10
53	Sensitivity to Low-Temperature Events: Implications for CO ₂ Dynamics in Subtropical Coastal Ecosystems. Wetlands, 2016, 36, 957-967.	1.5	9
54	Toward a Social-Ecological Theory of Forest Macrosystems for Improved Ecosystem Management. Forests, 2018, 9, 200.	2.1	9

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55	Comparison of sensible heat flux measured by large aperture scintillometer and eddy covariance in a seasonally-inundated wetland. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 345-354.	4.8	9
56	Comparative models disentangle drivers of fruit production variability of an economically and ecologically important long-lived Amazonian tree. <i>Scientific Reports</i> , 2021, 11, 2563.	3.3	9
57	The evolving role of <i>Bertholletia excelsa</i> in Amazonia: contributing to local livelihoods and forest conservation. <i>Desenvolvimento E Meio Ambiente</i> , 0, 48, .	0.0	8
58	Quantifying energy use efficiency via entropy production: a case study from longleaf pine ecosystems. <i>Biogeosciences</i> , 2019, 16, 1845-1863.	3.3	8
59	Equations for estimating aboveground biomass of cadaghi (<i>Corymbia torelliana</i>) trees in farm windbreaks. <i>Agroforestry Systems</i> , 2012, 86, 255-266.	2.0	7
60	Climate Change in Remote Mountain Regions: A Throughfall-Exclusion Experiment to Simulate Monsoon Failure in the Himalayas. <i>Mountain Research and Development</i> , 2017, 37, 294.	1.0	7
61	Assessing methods for comparing species diversity from disparate data sources: the case of urban and peri-urban forests. <i>Ecosphere</i> , 2018, 9, e02450.	2.2	7
62	Vegetation structure drives forest phenological recovery after hurricane. <i>Science of the Total Environment</i> , 2021, 774, 145651.	8.0	7
63	Characterizing Growing Season Length of Subtropical Coniferous Forests with a Phenological Model. <i>Forests</i> , 2021, 12, 95.	2.1	7
64	Impact of model choice in predicting urban forest storm damage when data is uncertain. <i>Landscape and Urban Planning</i> , 2022, 226, 104467.	7.5	7
65	Variation in ecosystem carbon dynamics of saltwater marshes in the northern Gulf of Mexico. <i>Wetlands Ecology and Management</i> , 2018, 26, 581-596.	1.5	6
66	Stocks of Carbon in Logs and Timber Products from Forest Management in the Southwestern Amazon. <i>Forests</i> , 2020, 11, 1113.	2.1	6
67	Using Metabolic Energy Density Metrics to Understand Differences in Ecosystem Function During Drought. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2020, 125, e2019JG005335.	3.0	6
68	Forest structure and composition drive differences in metabolic energy and entropy dynamics during temperature extremes in longleaf pine savannas. <i>Agricultural and Forest Meteorology</i> , 2021, 297, 108252.	4.8	6
69	Contrasting Photosynthetic Responses of Two Dominant Macrophyte Species to Seasonal Inundation in an Everglades Freshwater Prairie. <i>Wetlands</i> , 2018, 38, 893-903.	1.5	5
70	A demographic approach to understanding the effects of climate on population growth. <i>Oecologia</i> , 2020, 193, 889-901.	2.0	5
71	Individual Tree Mortality Model for Slash Pine in Florida: A Mixed Modeling Approach. <i>Southern Journal of Applied Forestry</i> , 2012, 36, 211-219.	0.3	4
72	Burning for enhanced non-timber forest product yield may jeopardize the resource base through interactive effects. <i>Journal of Applied Ecology</i> , 2016, 53, 1613-1622.	4.0	4

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73	Forest Management with Reduced-Impact Logging in Amazonia: Estimated Aboveground Volume and Carbon in Commercial Tree Species in Managed Forest in Brazil's State of Acre. <i>Forests</i> , 2021, 12, 481.	2.1	4
74	Integrating Aquatic Metabolism and Net Ecosystem CO ₂ Balance in Short- and Long-Hydroperiod Subtropical Freshwater Wetlands. <i>Ecosystems</i> , 2022, 25, 567-585.	3.4	4
75	Water use in a young <i>Pinus taeda</i> bioenergy plantation: Effect of intensive management on stand evapotranspiration. <i>Ecosphere</i> , 2022, 13, .	2.2	4
76	Applying Real-Time Statistical Process Control to Manufacturing Processes Exhibiting Between and Within Part Size Variability in the Wood Products Industry. <i>Quality Engineering</i> , 2003, 16, 113-125.	1.1	3
77	Freshwater wetland plants respond nonlinearly to inundation over a sustained period. <i>American Journal of Botany</i> , 2021, 108, 1917-1931.	1.7	3
78	Methane emissions from subtropical wetlands: An evaluation of the role of data filtering on annual methane budgets. <i>Agricultural and Forest Meteorology</i> , 2022, 321, 108972.	4.8	3
79	Swidden fallow management to increase landscape-level Brazil nut productivity. <i>Forest Ecology and Management</i> , 2020, 464, 118019.	3.2	2
80	Uncertainty in parameterizing a flux-based model of vegetation carbon phenology using ecosystem respiration. <i>Ecosphere</i> , 2022, 13, .	2.2	1