

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

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docs citations

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times ranked

2495
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Uncertainty in parameterizing a flux-based model of vegetation carbon phenology using ecosystem respiration. <i>Ecosphere</i> , 2022, 13, . | 2.2 | 1 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Urban forest response to Hurricane Irma: The role of landscape characteristics and sociodemographic context. <i>Urban Forestry and Urban Greening</i> , 2021, 61, 127093. | 5.3 | 13 |
| 9 | Vegetation structure drives forest phenological recovery after hurricane. <i>Science of the Total Environment</i> , 2021, 774, 145651. | 8.0 | 7 |
| 10 | 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 |
| 11 | Characterizing Growing Season Length of Subtropical Coniferous Forests with a Phenological Model. <i>Forests</i> , 2021, 12, 95. | 2.1 | 7 |
| 12 | Freshwater wetland plants respond nonlinearly to inundation over a sustained period. <i>American Journal of Botany</i> , 2021, 108, 1917-1931. | 1.7 | 3 |
| 13 | Allometric Equations for Volume, Biomass, and Carbon in Commercial Stems Harvested in a Managed Forest in the Southwestern Amazon: A Case Study. <i>Forests</i> , 2020, 11, 874. | 2.1 | 16 |
| 14 | A demographic approach to understanding the effects of climate on population growth. <i>Oecologia</i> , 2020, 193, 889-901. | 2.0 | 5 |
| 15 | Stocks of Carbon in Logs and Timber Products from Forest Management in the Southwestern Amazon. <i>Forests</i> , 2020, 11, 1113. | 2.1 | 6 |
| 16 | Swidden fallow management to increase landscape-level Brazil nut productivity. <i>Forest Ecology and Management</i> , 2020, 464, 118019. | 3.2 | 2 |
| 17 | Using Metabolic Energy Density Metrics to Understand Differences in Ecosystem Function During Drought. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005335. | 3.0 | 6 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | Quantifying energy use efficiency via entropy production: a case study from longleaf pine ecosystems. <i>Biogeosciences</i> , 2019, 16, 1845-1863. | 3.3 | 8 |
| 20 | The role of understory phenology and productivity in the carbon dynamics of longleaf pine savannas. <i>Ecosphere</i> , 2019, 10, e02675. | 2.2 | 11 |
| 21 | 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 |
| 22 | Interactions Among Abiotic Drivers, Disturbance and Gross Ecosystem Carbon Exchange on Soil Respiration from Subtropical Pine Savannas. <i>Ecosystems</i> , 2018, 21, 1639-1658. | 3.4 | 13 |
| 23 | 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 |
| 24 | 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 |
| 25 | Are Brazil nut populations threatened by fruit harvest?. <i>Biotropica</i> , 2018, 50, 50-59. | 1.6 | 13 |
| 26 | Influence of Selection Method on Skidder-Trail Soil Compaction in Longleaf Pine Forest. <i>Forest Science</i> , 2018, 64, 641-652. | 1.0 | 11 |
| 27 | Toward a Social-Ecological Theory of Forest Macrosystems for Improved Ecosystem Management. <i>Forests</i> , 2018, 9, 200. | 2.1 | 9 |
| 28 | Assessing methods for comparing species diversity from disparate data sources: the case of urban and periurban forests. <i>Ecosphere</i> , 2018, 9, e02450. | 2.2 | 7 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | Preserving the variance in imputed eddy-covariance measurements: Alternative methods for defensible gap filling. <i>Agricultural and Forest Meteorology</i> , 2017, 232, 635-649. | 4.8 | 11 |
| 33 | 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 |
| 34 | Population Structure and Fruit Production of <i>Carapa guianensis</i> (Andiroba) in Amazonian Floodplain Forests. <i>Tropical Conservation Science</i> , 2017, 10, 194008291771883. | 1.2 | 10 |
| 35 | Carbon Dynamics of <i>Pinus palustris</i> Ecosystems Following Drought. <i>Forests</i> , 2016, 7, 98. | 2.1 | 22 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | Sensitivity to Low-Temperature Events: Implications for CO2 Dynamics in Subtropical Coastal Ecosystems. <i>Wetlands</i> , 2016, 36, 957-967. | 1.5 | 9 |
| 39 | Resolving uncertainties in predictive equations for urban tree crown characteristics of the southeastern United States: Local and general equations for common and widespread species. <i>Urban Forestry and Urban Greening</i> , 2016, 20, 282-294. | 5.3 | 13 |
| 40 | 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 |
| 41 | Designing and Evaluating Bamboo Harvesting Methods for Local Needs: Integrating Local Ecological Knowledge and Science. <i>Environmental Management</i> , 2016, 58, 312-322. | 2.7 | 10 |
| 42 | Ecosystem resistance in the face of climate change: a case study from the freshwater marshes of the Florida Everglades. <i>Ecosphere</i> , 2015, 6, 1-23. | 2.2 | 10 |
| 43 | Evaluating the impact of oyster (<i>Crassostrea virginica</i>) gardening on sediment nitrogen cycling in a subtropical estuary. <i>Bulletin of Marine Science</i> , 2015, 91, 323-341. | 0.8 | 17 |
| 44 | Effects of drought and prescribed fire on energy exchange in longleaf pine ecosystems. <i>Ecosphere</i> , 2015, 6, 1-22. | 2.2 | 17 |
| 45 | 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 |
| 46 | Assessing Interactions Among Changing Climate, Management, and Disturbance in Forests: A Macrosystems Approach. <i>BioScience</i> , 2015, 65, 263-274. | 4.9 | 38 |
| 47 | 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 |
| 48 | 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 |
| 49 | El Niño Southern Oscillation (ENSO) Enhances CO2 Exchange Rates in Freshwater Marsh Ecosystems in the Florida Everglades. <i>PLoS ONE</i> , 2014, 9, e115058. | 2.5 | 20 |
| 50 | 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 |
| 51 | 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 |
| 52 | Analyzing the causal factors of carbon stores in a subtropical urban forest. <i>Ecological Complexity</i> , 2014, 20, 23-32. | 2.9 | 26 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Heterogeneity in NTFP quality, access and management shape benefit distribution in an Amazonian extractive reserve. <i>Environmental Conservation</i> , 2014, 41, 242-252. | 1.3 | 11 |
| 56 | Temporal dynamics of a subtropical urban forest in San Juan, Puerto Rico, 2001â€“2010. <i>Landscape and Urban Planning</i> , 2013, 120, 96-106. | 7.5 | 23 |
| 57 | 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 |
| 58 | Effects of simulated drought on the carbon balance of Everglades shortâ€“hydroperiod marsh. <i>Global Change Biology</i> , 2013, 19, 2511-2523. | 9.5 | 42 |
| 59 | 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 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | 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 |
| 64 | Analyzing growth and mortality in a subtropical urban forest ecosystem. <i>Landscape and Urban Planning</i> , 2012, 104, 85-94. | 7.5 | 50 |
| 65 | 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 |
| 66 | Modeling hurricane-caused urban forest debris in Houston, Texas. <i>Landscape and Urban Planning</i> , 2011, 101, 286-297. | 7.5 | 26 |
| 67 | 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 |
| 68 | 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 |
| 69 | Rapid Assessment of Change and Hurricane Impacts to Houstonâ€™s Urban Forest Structure. <i>Arboriculture and Urban Forestry</i> , 2011, 37, 60-66. | 0.6 | 24 |
| 70 | 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 |
| 71 | Technical Note: Patterns of Urban Forest Debris from the 2004 and 2005 Florida Hurricane Seasons. <i>Southern Journal of Applied Forestry</i> , 2009, 33, 193-196. | 0.3 | 13 |
| 72 | 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 |

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|----|--|-----|-----------|
| 73 | Shifting cultivation effects on Brazil nut (<i>Bertholletia excelsa</i>) regeneration. <i>Forest Ecology and Management</i> , 2008, 256, 28-35. | 3.2 | 38 |
| 74 | 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 |
| 75 | Profile Charts for Monitoring Lumber Manufacturing Using Laser Range Sensor Data. <i>Journal of Quality Technology</i> , 2007, 39, 224-240. | 2.5 | 17 |
| 76 | 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 |
| 77 | Explaining variation in Brazil nut fruit production. <i>Forest Ecology and Management</i> , 2007, 250, 244-255. | 3.2 | 110 |
| 78 | 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 |
| 79 | Introduction and evaluation of possible indices of stand structural diversity. <i>Canadian Journal of Forest Research</i> , 2001, 31, 1105-1115. | 1.7 | 199 |
| 80 | 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 |