

Anthony W D'amato

List of Publications by Year in descending order

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Version: 2024-02-01

186
papers

6,268
citations

108046

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104191

69
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190
all docs

190
docs citations

190
times ranked

6435
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ecological memory and regional context influence performance of adaptation plantings in northeastern US temperate forests. <i>Journal of Applied Ecology</i> , 2022, 59, 314-329. | 1.9 | 12 |
| 2 | Removal of invasive Scotch broom increases its negative effects on soil chemistry and plant communities. <i>Oecologia</i> , 2022, 198, 243-254. | 0.9 | 6 |
| 3 | Potential impacts of emerald ash borer and adaptation strategies on wildlife communities in black ash wetlands. <i>Ecological Applications</i> , 2022, 32, e2567. | 1.8 | 6 |
| 4 | Identifying trade-offs and opportunities for forest carbon and wildlife using a climate change adaptation lens. <i>Conservation Science and Practice</i> , 2022, 4, . | 0.9 | 11 |
| 5 | Integrating historical observations alters projections of eastern North American spruce-fir habitat under climate change. <i>Ecosphere</i> , 2022, 13, . | 1.0 | 3 |
| 6 | Cold-air pools as microrefugia for ecosystem functions in the face of climate change. <i>Ecology</i> , 2022, 103, e3717. | 1.5 | 10 |
| 7 | Northern hardwood silviculture at a crossroads: Sustaining a valuable resource under future change. <i>Forest Ecology and Management</i> , 2022, 512, 120139. | 1.4 | 10 |
| 8 | Does deadwood moisture vary jointly with surface soil water content?. <i>Soil Science Society of America Journal</i> , 2022, 86, 1113-1121. | 1.2 | 5 |
| 9 | Carbon conundrums: Do United States' current carbon market baselines represent an undesirable ecological threshold?. <i>Global Change Biology</i> , 2022, 28, 3991-3994. | 4.2 | 5 |
| 10 | Forest density intensifies the importance of snowpack to growth in water-limited pine forests. <i>Ecological Applications</i> , 2021, 31, e02211. | 1.8 | 7 |
| 11 | A meta-analysis of the effects of tree retention on shrubland birds. <i>Forest Ecology and Management</i> , 2021, 483, 118730. | 1.4 | 5 |
| 12 | Legacy effects of non-native <i>Cytisus scoparius</i> in glacial outwash soils: Potential impacts to forest soil productivity in western Washington. <i>Forest Ecology and Management</i> , 2021, 481, 118733. | 1.4 | 3 |
| 13 | Future forest composition under a changing climate and adaptive forest management in southeastern Vermont, USA. <i>Forest Ecology and Management</i> , 2021, 479, 118527. | 1.4 | 13 |
| 14 | Wide-spread vulnerability of black ash (<i>Fraxinus nigra</i> Marsh.) wetlands in Minnesota USA to loss of tree dominance from invasive emerald ash borer. <i>Forestry</i> , 2021, 94, 455-463. | 1.2 | 7 |
| 15 | Building on the last "new" thing: exploring the compatibility of ecological and adaptation silviculture. <i>Canadian Journal of Forest Research</i> , 2021, 51, 172-180. | 0.8 | 31 |
| 16 | Eighth-year survival and growth of planted replacement tree species in black ash (<i>Fraxinus nigra</i>) wetlands threatened by emerald ash borer in Minnesota, USA. <i>Forest Ecology and Management</i> , 2021, 484, 118958. | 1.4 | 10 |
| 17 | Effect magnitudes of operational-scale partial harvesting on residual tree growth and mortality of ten major tree species in Maine USA. <i>Forest Ecology and Management</i> , 2021, 484, 118953. | 1.4 | 8 |
| 18 | Hydrologic variability in black ash wetlands: Implications for vulnerability to emerald ash borer. <i>Hydrological Processes</i> , 2021, 35, e14014. | 1.1 | 8 |

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|----|--|-----|-----------|
| 19 | Do Review Papers on Birdâ€œVegetation Relationships Provide Actionable Information to Forest Managers in the Eastern United States?. <i>Forests</i> , 2021, 12, 990. | 0.9 | 5 |
| 20 | Mixedwood silviculture in North America: the science and art of managing for complex, multi-species temperate forests. <i>Canadian Journal of Forest Research</i> , 2021, 51, 921-934. | 0.8 | 22 |
| 21 | Introduction: Ecology and silviculture of temperate mixedwood forests. <i>Canadian Journal of Forest Research</i> , 2021, 51, v-vi. | 0.8 | 0 |
| 22 | Contemporary status, distribution, and trends of mixedwoods in the northern United States. <i>Canadian Journal of Forest Research</i> , 2021, 51, 881-896. | 0.8 | 7 |
| 23 | Long-term evolution of composition and structure after repeated group selection over eight decades. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1080-1091. | 0.8 | 8 |
| 24 | Functional, temporal and spatial complementarity in mammalâ€œfungal spore networks enhances mycorrhizal dispersal following forest harvesting. <i>Functional Ecology</i> , 2021, 35, 2072-2083. | 1.7 | 7 |
| 25 | Relative influence of stand and site factors on aboveground live-tree carbon sequestration and mortality in managed and unmanaged forests. <i>Forest Ecology and Management</i> , 2021, 493, 119266. | 1.4 | 9 |
| 26 | Investigating linkages between the size-growth relationship and drought, nitrogen deposition, and structural complexity in western U.S. Forests. <i>Forest Ecology and Management</i> , 2021, 497, 119494. | 1.4 | 7 |
| 27 | Long-term development of transition hardwood and <i>Pinus strobus</i> - <i>Quercus</i> mixedwood forests with implications for future adaptation and mitigation potential. <i>Forest Ecology and Management</i> , 2021, 501, 119654. | 1.4 | 2 |
| 28 | A Direct Measure of Stand Density Based on Stand Growth. <i>Forest Science</i> , 2021, 67, 103-115. | 0.5 | 7 |
| 29 | Contemporary forest carbon dynamics in the northern U.S. associated with land cover changes. <i>Ecological Indicators</i> , 2020, 110, 105901. | 2.6 | 14 |
| 30 | Assessing the ecological impacts of biomass harvesting along a disturbance severity gradient. <i>Ecological Applications</i> , 2020, 30, e02042. | 1.8 | 5 |
| 31 | Real-time monitoring of deadwood moisture in forests: lessons learned from an intensive case study. <i>Canadian Journal of Forest Research</i> , 2020, 50, 1244-1252. | 0.8 | 7 |
| 32 | Large landscape conservation in a mixed ownership region: Opportunities and barriers for putting the pieces together. <i>Biological Conservation</i> , 2020, 243, 108462. | 1.9 | 10 |
| 33 | Low stand density moderates growth declines during hot droughts in semiâ€œarid forests. <i>Journal of Applied Ecology</i> , 2020, 57, 1089-1102. | 1.9 | 44 |
| 34 | Foundation Species Loss Affects Leaf Breakdown and Aquatic Invertebrate Resource Use in Black Ash Wetlands. <i>Wetlands</i> , 2020, 40, 839-852. | 0.7 | 3 |
| 35 | Retention forestry influences understory diversity and functional identity. <i>Ecological Applications</i> , 2020, 30, e02097. | 1.8 | 4 |
| 36 | Effect of simulated emerald ash borer infestation on nitrogen cycling in black ash (<i>Fraxinus nigra</i>) wetlands in northern Minnesota, USA. <i>Forest Ecology and Management</i> , 2020, 458, 117769. | 1.4 | 2 |

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|----|---|-----|-----------|
| 37 | Short-term effects of variable-density thinning on regeneration in hardwood-dominated temperate rainforests. <i>Forest Ecology and Management</i> , 2020, 464, 118058. | 1.4 | 8 |
| 38 | Effects of tree retention and woody biomass removal on bird and small mammal communities. <i>Forest Ecology and Management</i> , 2020, 465, 118090. | 1.4 | 8 |
| 39 | The Decline of the Clearcut: 26 Years of Change in Silvicultural Practices and Implications in Minnesota. <i>Journal of Forestry</i> , 2020, 118, 244-259. | 0.5 | 4 |
| 40 | Historic forest composition and structure across an old-growth landscape in New Hampshire, USA1. <i>Journal of the Torrey Botanical Society</i> , 2020, 147, . | 0.1 | 1 |
| 41 | Understanding Uncertainty in Broad-Scale Mapping of Historical Vegetation in the Great Lakes Region. <i>Natural Areas Journal</i> , 2020, 40, 72. | 0.2 | 0 |
| 42 | Using a tree seedling mortality budget as an indicator of landscape-scale forest regeneration security. <i>Ecological Indicators</i> , 2019, 96, 718-727. | 2.6 | 12 |
| 43 | Climatic controls on peatland black spruce growth in relation to water table variation and precipitation. <i>Ecohydrology</i> , 2019, 12, e2137. | 1.1 | 5 |
| 44 | Land Use Changes, Disturbances, and Their Interactions on Future Forest Aboveground Biomass Dynamics in the Northern US. <i>Forests</i> , 2019, 10, 606. | 0.9 | 4 |
| 45 | Long term effects of intensive biomass harvesting and compaction on the forest soil ecosystem. <i>Soil Biology and Biochemistry</i> , 2019, 137, 107572. | 4.2 | 6 |
| 46 | Are Current Seedling Demographics Poised to Regenerate Northern US Forests?. <i>Journal of Forestry</i> , 2019, 117, 592-612. | 0.5 | 20 |
| 47 | Tree species at risk from nitrogen deposition in the northeastern United States: A geospatial analysis of effects of multiple stressors using exceedance of critical loads. <i>Forest Ecology and Management</i> , 2019, 454, 117528. | 1.4 | 2 |
| 48 | Social influence and forest habitat conservation: Experimental evidence from Vermont's maple producers. <i>Conservation Science and Practice</i> , 2019, 1, e98. | 0.9 | 11 |
| 49 | Herbaceous Vegetation Responses to Gap Size within Natural Disturbance-Based Silvicultural Systems in Northeastern Minnesota, USA. <i>Forests</i> , 2019, 10, 111. | 0.9 | 5 |
| 50 | Variable retention harvesting in Great Lakes mixed-pine forests: emulating a natural model in managed ecosystems. <i>Ecological Processes</i> , 2019, 8, . | 1.6 | 15 |
| 51 | Comparative effects of soil resource availability on physiology and growth of Scotch broom (<i>Cytisus</i>) Tj ETQq1 1 0.784314 rgBT /Overdo 453, 117580. | 1.4 | 3 |
| 52 | Tree basal area and conifer abundance predict soil carbon stocks and concentrations in an actively managed forest of northern New Hampshire, USA. <i>Forest Ecology and Management</i> , 2019, 451, 117534. | 1.4 | 14 |
| 53 | Effects of irrigation and phosphorus fertilization on physiology, growth, and nitrogen-accumulation of Scotch broom (<i>Cytisus scoparius</i>). <i>Plant Physiology Reports</i> , 2019, 24, 410-421. | 0.7 | 3 |
| 54 | Defining and assessing urban forests to inform management and policy. <i>Environmental Research Letters</i> , 2019, 14, 085002. | 2.2 | 28 |

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|----|---|-----|-----------|
| 55 | Structural, compositional, and functional responses to tornado and salvage logging disturbance in southern New England hemlock-hardwood forests. <i>Forest Ecology and Management</i> , 2019, 444, 138-150. | 1.4 | 7 |
| 56 | Initial tree regeneration response to natural-disturbance-based silviculture in second-growth northern hardwood forests. <i>Canadian Journal of Forest Research</i> , 2019, 49, 628-639. | 0.8 | 20 |
| 57 | Scotch broom (<i>Cytisus scoparius</i>) modifies microenvironment to promote nonnative plant communities. <i>Biological Invasions</i> , 2019, 21, 1055-1073. | 1.2 | 17 |
| 58 | Mapping black ash dominated stands using geospatial and forest inventory data in northern Minnesota, USA. <i>Canadian Journal of Forest Research</i> , 2019, 49, 892-902. | 0.8 | 3 |
| 59 | Northward expansion of southern pine beetle generates significant alterations to forest structure and composition of globally rare <i>Pinus rigida</i> forests. <i>Forest Ecology and Management</i> , 2019, 434, 119-130. | 1.4 | 18 |
| 60 | Do biological legacies moderate the effects of forest harvesting on soil microbial community composition and soil respiration. <i>Forest Ecology and Management</i> , 2019, 432, 298-308. | 1.4 | 15 |
| 61 | Stand Dynamics and Structure of Two Primary Champlain Valley Clayplain Forests, Vermont. <i>Northeastern Naturalist</i> , 2019, 26, 95. | 0.1 | 0 |
| 62 | Variation in the maximum stand density index and its linkage to climate in mixed species forests of the North American Acadian Region. <i>Forest Ecology and Management</i> , 2018, 417, 90-102. | 1.4 | 32 |
| 63 | Shifting conceptions of complexity in forest management and silviculture. <i>Forest Ecology and Management</i> , 2018, 421, 59-71. | 1.4 | 73 |
| 64 | Long-term pine regeneration, shrub layer dynamics, and understory community composition responses to repeated prescribed fire in <i>Pinus resinosa</i> forests. <i>Canadian Journal of Forest Research</i> , 2018, 48, 117-129. | 0.8 | 4 |
| 65 | Woody material structural degradation through decomposition on the forest floor. <i>Canadian Journal of Forest Research</i> , 2018, 48, 111-115. | 0.8 | 5 |
| 66 | Lasting legacies of historical clearcutting, wind, and salvage logging on old-growth <i>Tsuga canadensis</i> - <i>Pinus strobus</i> forests. <i>Forest Ecology and Management</i> , 2018, 419-420, 31-41. | 1.4 | 15 |
| 67 | Expansion of Southern Pine Beetle into Northeastern Forests: Management and Impact of a Primary Bark Beetle in a New Region. <i>Journal of Forestry</i> , 2018, 116, 178-191. | 0.5 | 61 |
| 68 | Adaptation pathways: ecoregion and land ownership influences on climate adaptation decision-making in forest management. <i>Climatic Change</i> , 2018, 146, 75-88. | 1.7 | 27 |
| 69 | Using matrix models to estimate aboveground forest biomass dynamics in the eastern USA through various combinations of LiDAR, Landsat, and forest inventory data. <i>Environmental Research Letters</i> , 2018, 13, 125004. | 2.2 | 12 |
| 70 | Influence of transect length and downed woody debris abundance on precision of the line-intersect sampling method. <i>Forest Ecosystems</i> , 2018, 5, . | 1.3 | 10 |
| 71 | Performance Metrics for Street and Park Trees in Urban Forests. <i>Journal of Forestry</i> , 2018, , . | 0.5 | 3 |
| 72 | Patterns and drivers of recent disturbances across the temperate forest biome. <i>Nature Communications</i> , 2018, 9, 4355. | 5.8 | 167 |

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|----|---|-----|-----------|
| 73 | Long-term influence of disturbance-generated microsites on forest structural and compositional development. <i>Canadian Journal of Forest Research</i> , 2018, 48, 958-965. | 0.8 | 6 |
| 74 | Review of Ecosystem Level Impacts of Emerald Ash Borer on Black Ash Wetlands: What Does the Future Hold?. <i>Forests</i> , 2018, 9, 179. | 0.9 | 36 |
| 75 | Evaluating Adaptive Management Options for Black Ash Forests in the Face of Emerald Ash Borer Invasion. <i>Forests</i> , 2018, 9, 348. | 0.9 | 36 |
| 76 | Stand age versus tree diameter as a driver of forest carbon inventory simulations in the northeastern U.S.. <i>Canadian Journal of Forest Research</i> , 2018, 48, 1135-1147. | 0.8 | 6 |
| 77 | Size-growth relationship, tree spatial patterns, and tree-tree competition influence tree growth and stand complexity in a 160-year red pine chronosequence. <i>Forest Ecology and Management</i> , 2018, 424, 85-94. | 1.4 | 23 |
| 78 | Interspecific competition limits the realized niche of <i>Fraxinus nigra</i> along a waterlogging gradient. <i>Canadian Journal of Forest Research</i> , 2018, 48, 1292-1301. | 0.8 | 7 |
| 79 | Decadal changes in tree range stability across forests of the eastern U.S.. <i>Forest Ecology and Management</i> , 2018, 429, 503-510. | 1.4 | 18 |
| 80 | Forested versus herbaceous wetlands: Can management mitigate ecohydrologic regime shifts from invasive emerald ash borer?. <i>Journal of Environmental Management</i> , 2018, 222, 436-446. | 3.8 | 27 |
| 81 | Old-Growth Disturbance Dynamics and Associated Ecological Silviculture for Forests in Northeastern North America. , 2018, , 99-118. | | 5 |
| 82 | Effects of variable retention harvesting on natural tree regeneration in <i>Pinus resinosa</i> (red pine) forests. <i>Forest Ecology and Management</i> , 2017, 385, 104-115. | 1.4 | 9 |
| 83 | Variable effects of climate on forest growth in relation to climate extremes, disturbance, and forest dynamics. <i>Ecological Applications</i> , 2017, 27, 1082-1095. | 1.8 | 27 |
| 84 | The influence of sidewalk replacement on urban street tree growth. <i>Urban Forestry and Urban Greening</i> , 2017, 24, 116-124. | 2.3 | 24 |
| 85 | Seven decades of change in forest structure and composition in <i>Pinus resinosa</i> forests in northern Minnesota, USA: Comparing managed and unmanaged conditions. <i>Forest Ecology and Management</i> , 2017, 395, 92-103. | 1.4 | 11 |
| 86 | Early regeneration response to aggregated overstory and harvest residue retention in <i>Populus tremuloides</i> (Michx.)-dominated forests. <i>New Forests</i> , 2017, 48, 719-734. | 0.7 | 2 |
| 87 | Harvesting influences functional identity and diversity over time in forests of the northeastern U.S.A.. <i>Forest Ecology and Management</i> , 2017, 400, 93-99. | 1.4 | 21 |
| 88 | The response of <i>Fraxinus nigra</i> forest ground-layer vegetation to emulated emerald ash borer mortality and management strategies in northern Minnesota, USA. <i>Forest Ecology and Management</i> , 2017, 389, 352-363. | 1.4 | 23 |
| 89 | Changes in soil physical and chemical properties following organic matter removal and compaction: 20-year response of the aspen Lake-States Long Term Soil Productivity installations. <i>Forest Ecology and Management</i> , 2017, 392, 68-77. | 1.4 | 22 |
| 90 | Long-term structural and biomass dynamics of virgin <i>Tsuga canadensis</i> – <i>Pinus strobus</i> forests after hurricane disturbance. <i>Ecology</i> , 2017, 98, 721-733. | 1.5 | 27 |

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|-----|--|-----|-----------|
| 91 | Densityâ€dependent vulnerability of forest ecosystems to drought. <i>Journal of Applied Ecology</i> , 2017, 54, 1605-1614. | 1.9 | 222 |
| 92 | Threats to North American forests from southern pine beetle with warming winters. <i>Nature Climate Change</i> , 2017, 7, 713-717. | 8.1 | 109 |
| 93 | Potential Effects of Foundation Species Loss on Wetland Communities: A Case Study of Black Ash Wetlands Threatened by Emerald Ash Borer. <i>Wetlands</i> , 2017, 37, 787-799. | 0.7 | 25 |
| 94 | Dendroecological Applications to Coarse Woody Debris Dynamics. <i>Ecological Studies</i> , 2017, , 159-181. | 0.4 | 3 |
| 95 | Competition amplifies drought stress in forests across broad climatic and compositional gradients. <i>Ecosphere</i> , 2017, 8, e01849. | 1.0 | 119 |
| 96 | Succession, climate and neighbourhood dynamics influence tree growth over time: an 87â€year record of change in a <i>Pinus resinosa</i> â€dominated forest, Minnesota, <scp>USA</scp>. <i>Journal of Vegetation Science</i> , 2017, 28, 82-92. | 1.1 | 5 |
| 97 | Canopy treatment influences growth of replacement tree species in <i>Fraxinus nigra</i> forests threatened by the emerald ash borer in Minnesota, USA. <i>Canadian Journal of Forest Research</i> , 2017, 47, 183-192. | 0.8 | 20 |
| 98 | Challenges facing gap-based silviculture and possible solutions for mesic northern forests in North America. <i>Forestry</i> , 2017, 90, 4-17. | 1.2 | 119 |
| 99 | Adaptive Silviculture for Climate Change: A National Experiment in Manager-Scientist Partnerships to Apply an Adaptation Framework. <i>Journal of Forestry</i> , 2017, 115, 167-178. | 0.5 | 143 |
| 100 | Silviculture in the United States: An Amazing Period of Change over the Past 30 Years. <i>Journal of Forestry</i> , 2017, , . | 0.5 | 17 |
| 101 | Influence of Repeated Prescribed Fire on Tree Growth and Mortality in <i>Pinus resinosa</i> Forests, Northern Minnesota. <i>Forest Science</i> , 2017, 63, 94-100. | 0.5 | 14 |
| 102 | Ecological Forestry: Much More Than Retention Harvesting. <i>Journal of Forestry</i> , 2017, 115, 51-53. | 0.5 | 18 |
| 103 | Managing Hardwood-Softwood Mixtures for Future Forests in Eastern North America: Assessing Suitability to Projected Climate Change. <i>Journal of Forestry</i> , 2017, 115, 190-201. | 0.5 | 27 |
| 104 | Influence of Mature Overstory Trees on Adjacent 12-Year Regeneration and the Woody Understory: Aggregated Retention versus Intact Forest. <i>Forests</i> , 2017, 8, 31. | 0.9 | 10 |
| 105 | Exploring the Origins of Ecological Forestry in North America. <i>Journal of Forestry</i> , 2017, 115, 126-127. | 0.5 | 11 |
| 106 | The impacts of increasing drought on forest dynamics, structure, and biodiversity in the United States. <i>Global Change Biology</i> , 2016, 22, 2329-2352. | 4.2 | 428 |
| 107 | Longâ€term impacts of variable retention harvesting on groundâ€layer plant communities in <i>Pinus resinosa</i> forests. <i>Journal of Applied Ecology</i> , 2016, 53, 1106-1116. | 1.9 | 18 |
| 108 | Analysis of stand basal area development of thinned and unthinned <i>Acer rubrum</i> forests in the upper Great Lakes region, USA. <i>Canadian Journal of Forest Research</i> , 2016, 46, 645-655. | 0.8 | 6 |

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|-----|---|-----|-----------|
| 109 | Examining the influences of tree-to-tree competition and climate on size-growth relationships in hydric, multi-aged <i>Fraxinus nigra</i> stands. <i>Forest Ecology and Management</i> , 2016, 375, 238-248. | 1.4 | 40 |
| 110 | A Tale of Two Forest Carbon Assessments in the Eastern United States: Forest Use Versus Cover as a Metric of Change. <i>Ecosystems</i> , 2016, 19, 1401-1417. | 1.6 | 11 |
| 111 | Bioenergy harvest impacts to biodiversity and resilience vary across aspen-dominated forest ecosystems in the Lake States region, USA. <i>Applied Vegetation Science</i> , 2016, 19, 667-678. | 0.9 | 8 |
| 112 | Multiple developmental pathways for range-margin <i>Pinus banksiana</i> forests. <i>Canadian Journal of Forest Research</i> , 2016, 46, 200-214. | 0.8 | 4 |
| 113 | Growth-climate relationships across topographic gradients in the northern Great Lakes. <i>Ecohydrology</i> , 2016, 9, 918-929. | 1.1 | 7 |
| 114 | Predicting tree biomass growth in the temperate-boreal ecotone: Is tree size, age, competition, or climate response most important?. <i>Global Change Biology</i> , 2016, 22, 2138-2151. | 4.2 | 71 |
| 115 | Invasive scotch broom alters soil chemical properties in Douglas-fir forests of the Pacific Northwest, USA. <i>Plant and Soil</i> , 2016, 398, 281-289. | 1.8 | 19 |
| 116 | Long-term impacts of prescribed fire on stand structure, growth, mortality, and individual tree vigor in <i>Pinus resinosa</i> forests. <i>Forest Ecology and Management</i> , 2016, 368, 7-16. | 1.4 | 17 |
| 117 | Attitudinal and revenue effects on non-industrial private forest owners' willingness-to-harvest timber and woody biomass. <i>Forest Policy and Economics</i> , 2016, 63, 52-61. | 1.5 | 18 |
| 118 | Response of the soil microbial community and soil nutrient bioavailability to biomass harvesting and reserve tree retention in northern Minnesota aspen-dominated forests. <i>Applied Soil Ecology</i> , 2016, 99, 110-117. | 2.1 | 10 |
| 119 | Monitoring Network Confirms Land Use Change is a Substantial Component of the Forest Carbon Sink in the eastern United States. <i>Scientific Reports</i> , 2015, 5, 17028. | 1.6 | 35 |
| 120 | Comparisons of allometric and climate-derived estimates of tree coarse root carbon stocks in forests of the United States. <i>Carbon Balance and Management</i> , 2015, 10, 20. | 1.4 | 12 |
| 121 | Performance of the Forest Vegetation Simulator in Managed White Spruce Plantations Influenced by Eastern Spruce Budworm in Northern Minnesota. <i>Forest Science</i> , 2015, 61, 723-730. | 0.5 | 11 |
| 122 | Montane forest ecotones moved downslope in northeastern USA in spite of warming between 1984 and 2011. <i>Global Change Biology</i> , 2015, 21, 4497-4507. | 4.2 | 64 |
| 123 | Early Regeneration and Structural Responses to Patch Selection and Structural Retention in Second-Growth Northern Hardwoods. <i>Forest Science</i> , 2015, 61, 183-189. | 0.5 | 28 |
| 124 | Assessing sustainable forest biomass potential and bioenergy implications for the northern Lake States region, USA. <i>Biomass and Bioenergy</i> , 2015, 81, 167-176. | 2.9 | 17 |
| 125 | Soil microbial community response and recovery following group selection harvest: Temporal patterns from an experimental harvest in a US northern hardwood forest. <i>Forest Ecology and Management</i> , 2015, 340, 82-94. | 1.4 | 37 |
| 126 | Net carbon flux of dead wood in forests of the Eastern US. <i>Oecologia</i> , 2015, 177, 861-874. | 0.9 | 41 |

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|-----|--|-----|-----------|
| 127 | Forest production dynamics along a wood density spectrum in eastern US forests. <i>Trees - Structure and Function</i> , 2015, 29, 299-310. | 0.9 | 13 |
| 128 | Sap flow of black ash in wetland forests of northern Minnesota, USA: Hydrologic implications of tree mortality due to emerald ash borer. <i>Agricultural and Forest Meteorology</i> , 2015, 206, 4-11. | 1.9 | 32 |
| 129 | Quantifying carbon stores and decomposition in dead wood: A review. <i>Forest Ecology and Management</i> , 2015, 350, 107-128. | 1.4 | 190 |
| 130 | Temporal trends and sources of variation in carbon flux from coarse woody debris in experimental forest canopy openings. <i>Oecologia</i> , 2015, 179, 889-900. | 0.9 | 30 |
| 131 | Climate remains an important driver of post-European vegetation change in the eastern United States. <i>Global Change Biology</i> , 2015, 21, 2105-2110. | 4.2 | 96 |
| 132 | Overstory treatment and planting season affect survival of replacement tree species in emerald ash borer threatened <i>Fraxinus nigra</i> forests in Minnesota, USA. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1728-1738. | 0.8 | 33 |
| 133 | First Report of <i>Heterobasidion irregulare</i> Causing Root Rot and Mortality of Red Pines in Minnesota. <i>Plant Disease</i> , 2015, 99, 1038-1038. | 0.7 | 8 |
| 134 | Fifteen-Year Patterns of Soil Carbon and Nitrogen Following Biomass Harvesting. <i>Soil Science Society of America Journal</i> , 2014, 78, 624-633. | 1.2 | 21 |
| 135 | Technical Note: Linking climate change and downed woody debris decomposition across forests of the eastern United States. <i>Biogeosciences</i> , 2014, 11, 6417-6425. | 1.3 | 23 |
| 136 | Initial soil respiration response to biomass harvesting and green-tree retention in aspen-dominated forests of the Great Lakes region. <i>Forest Ecology and Management</i> , 2014, 328, 342-352. | 1.4 | 15 |
| 137 | Quantifying understorey vegetation in the US Lake States: a proposed framework to inform regional forest carbon stocks. <i>Forestry</i> , 2014, 87, 629-638. | 1.2 | 10 |
| 138 | Water table response to harvesting and simulated emerald ash borer mortality in black ash wetlands in Minnesota, USA. <i>Canadian Journal of Forest Research</i> , 2014, 44, 961-968. | 0.8 | 68 |
| 139 | Influence of stocking, site quality, stand age, low-severity canopy disturbance, and forest composition on sub-boreal aspen mixedwood carbon stocks. <i>Canadian Journal of Forest Research</i> , 2014, 44, 230-242. | 0.8 | 8 |
| 140 | Non-industrial private forest owner's willingness-to-harvest: How higher timber prices influence woody biomass supply. <i>Biomass and Bioenergy</i> , 2014, 71, 202-215. | 2.9 | 38 |
| 141 | Looking for age-related growth decline in natural forests: unexpected biomass patterns from tree rings and simulated mortality. <i>Oecologia</i> , 2014, 175, 363-374. | 0.9 | 60 |
| 142 | Residence Times and Decay Rates of Downed Woody Debris Biomass/Carbon in Eastern US Forests. <i>Ecosystems</i> , 2014, 17, 765-777. | 1.6 | 126 |
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