

Martin-Michel Gauthier

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

254
citations

933447

10
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

271
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Walnut (<i>Juglans</i> spp.) ecophysiology in response to environmental stresses and potential acclimation to climate change. <i>Annals of Forest Science</i> , 2011, 68, 1277-1290. | 2.0 | 55 |
| 2 | Effects of Harvest Gap Size, Soil Scarification, and Vegetation Control on Regeneration Dynamics in Sugar Maple-Yellow Birch Stands. <i>Forest Science</i> , 2016, 62, 237-246. | 1.0 | 31 |
| 3 | Precommercial thinning increases growth of overstory aspen and understory balsam fir in a boreal mixedwood stand. <i>Forest Ecology and Management</i> , 2012, 278, 17-26. | 3.2 | 24 |
| 4 | Inter- and intra-specific competitiveness of plantation-grown American chestnut (<i>Castanea dentata</i>). <i>Forest Ecology and Management</i> , 2013, 291, 289-299. | 3.2 | 24 |
| 5 | Ecophysiological responses of black walnut (<i>Juglans nigra</i>) to plantation thinning along a vertical canopy gradient. <i>Forest Ecology and Management</i> , 2010, 259, 867-874. | 3.2 | 13 |
| 6 | Grapevine (<i>Vitis</i> spp.) dynamics in association with manual tending, physiography, and host tree associations in temperate deciduous forests. <i>Forest Ecology and Management</i> , 2009, 257, 1839-1846. | 3.2 | 12 |
| 7 | Shelterwood cutting in a red spruce " balsam fir lowland site: Effects of final cut on water table and regeneration development. <i>Forest Ecology and Management</i> , 2013, 291, 404-416. | 3.2 | 12 |
| 8 | White spruce (<i>Picea glauca</i>) restoration in temperate mixedwood stands using patch cuts and enrichment planting. <i>Forestry Chronicle</i> , 2013, 89, 392-400. | 0.6 | 12 |
| 9 | Commercial Thinning to Meet Wood Production Objectives and Develop Structural Heterogeneity: A Case Study in the Spruce-Fir Forest, Quebec, Canada. <i>Forests</i> , 2015, 6, 510-532. | 2.1 | 12 |
| 10 | On the relationship between saplings and ingrowth in northern hardwood stands. <i>Forest Ecology and Management</i> , 2015, 358, 261-271. | 3.2 | 11 |
| 11 | Partitioning risks of tree mortality by modes of death in managed and unmanaged northern hardwoods and mixedwoods. <i>Forestry Chronicle</i> , 2017, 93, 246-258. | 0.6 | 10 |
| 12 | Late-entry commercial thinning effects on <i>Pinus banksiana</i> : growth, yield, and stand dynamics in Qu"bec, Canada. <i>Journal of Forestry Research</i> , 2019, 30, 95-106. | 3.6 | 9 |
| 13 | Bark type reflects growth potential of yellow birch and sugar maple at the northern limit of their range. <i>Plant Ecology</i> , 2018, 219, 381-390. | 1.6 | 7 |
| 14 | Reductions in net photosynthesis and stomatal conductance vary with time since leaf detachment in three deciduous angiosperms. <i>Trees - Structure and Function</i> , 2018, 32, 1247-1252. | 1.9 | 6 |
| 15 | Precommercial thinning as a silvicultural option for treating very dense conifer stands. <i>Scandinavian Journal of Forest Research</i> , 2018, 33, 446-454. | 1.4 | 6 |
| 16 | Conifer regeneration in managed temperate mixedwood stands: the balance between release and competition. <i>New Forests</i> , 2015, 46, 409-425. | 1.7 | 3 |
| 17 | Northern Red Oak, White Oak, and Black Walnut Diameter Growth for the First 3 Years after Thinning in a Mixed Planting. <i>Northern Journal of Applied Forestry</i> , 2010, 27, 110-116. | 0.5 | 2 |
| 18 | Ecophysiological drivers of hardwood plantation diameter growth under non-limiting light conditions. <i>Forest Ecology and Management</i> , 2018, 419-420, 220-226. | 3.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Photosynthetic parameters of <i>Juglans nigra</i> trees are linked to cumulative water stress. Canadian Journal of Forest Research, 2019, 49, 752-758. | 1.7 | 2 |
| 20 | Comparing structural attributes in uneven-aged managed and unmanaged sugar maple stands. Forestry, 2019, 92, 62-72. | 2.3 | 1 |
| 21 | Portable refrigerator freezer provides stable temperature for plant material collection. Native Plants Journal, 2008, 9, 40-44. | 0.2 | 0 |