

Roberto Tognetti

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

4,858
citations

87723

38
h-index

123241

61
g-index

143
all docs

143
docs citations

143
times ranked

3638
citing authors

#	ARTICLE	IF	CITATIONS
1	Forest restoration following surface mining disturbance: challenges and solutions. <i>New Forests</i> , 2015, 46, 703-732.	0.7	265
2	Mechanical site preparation for forest restoration. <i>New Forests</i> , 2012, 43, 825-848.	0.7	191
3	Quantifying root system quality of nursery seedlings and relationship to outplanting performance. <i>New Forests</i> , 2005, 30, 295-311.	0.7	184
4	A conceptual framework for restoration of threatened plants: the effective model of American chestnut (<i>Castanea dentata</i>) reintroduction. <i>New Phytologist</i> , 2013, 197, 378-393.	3.5	165
5	Restoring forests: What constitutes success in the twenty-first century?. <i>New Forests</i> , 2015, 46, 601-614.	0.7	135
6	Toward development of silvical strategies for forest restoration of American chestnut (<i>Castanea</i>)	1.9	122
7	Relative contribution of initial root and shoot morphology in predicting field performance of hardwood seedlings. <i>New Forests</i> , 2005, 30, 235-251.	0.7	106
8	Field performance of <i>Pinus halepensis</i> planted in Mediterranean arid conditions: relative influence of seedling morphology and mineral nutrition. <i>New Forests</i> , 2009, 37, 313-331.	0.7	102
9	Why do large, nitrogen rich seedlings better resist stressful transplanting conditions? A physiological analysis in two functionally contrasting Mediterranean forest species. <i>Forest Ecology and Management</i> , 2010, 260, 71-78.	1.4	97
10	Effect of Differential Light Quality on Morphology, Photosynthesis, and Antioxidant Enzyme Activity in <i>Camptotheca acuminata</i> Seedlings. <i>Journal of Plant Growth Regulation</i> , 2017, 36, 148-160.	2.8	91
11	The role of stored carbohydrates and nitrogen in the growth and stress tolerance of planted forest trees. <i>New Forests</i> , 2015, 46, 813-839.	0.7	90
12	Restoring forests: regeneration and ecosystem function for the future. <i>New Forests</i> , 2019, 50, 139-151.	0.7	89
13	Growth and nutritional response of hardwood seedlings to controlled-release fertilization at outplanting. <i>Forest Ecology and Management</i> , 2005, 214, 28-39.	1.4	87
14	Characterizing fertility targets and multi-element interactions in nursery culture of <i>Quercus rubra</i> seedlings. <i>Annals of Forest Science</i> , 2006, 63, 231-237.	0.8	82
15	Fertilizer-induced Changes in Rhizosphere Electrical Conductivity: Relation to Forest Tree Seedling Root System Growth and Function. <i>New Forests</i> , 2005, 30, 147-166.	0.7	80
16	Prediction of planted seedling survival of five Mediterranean species based on initial seedling morphology. <i>New Forests</i> , 2013, 44, 327-339.	0.7	80
17	Toward more robust projections of forest landscape dynamics under novel environmental conditions: Embedding PnET within LANDIS-II. <i>Ecological Modelling</i> , 2014, 287, 44-57.	1.2	74
18	Quality Assessment of Temperate Zone Deciduous Hardwood Seedlings. <i>New Forests</i> , 2006, 31, 417-433.	0.7	72

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19	Influence of herbaceous ground cover on forest restoration of eastern US coal surface mines. <i>New Forests</i> , 2012, 43, 905-924.	0.7	71
20	Nutrient loading of forest tree seedlings to promote stress resistance and field performance: a Mediterranean perspective. <i>New Forests</i> , 2013, 44, 649-669.	0.7	70
21	Underplanting to sustain future stocking of oak (<i>Quercus</i>) in temperate deciduous forests. <i>New Forests</i> , 2012, 43, 955-978.	0.7	69
22	Establishment success of conservation tree plantations in relation to silvicultural practices in Indiana, USA. <i>New Forests</i> , 2004, 28, 23-36.	0.7	67
23	Mineral nutrition and growth of containerized <i>Pinus halepensis</i> seedlings under controlled-release fertilizer. <i>Scientia Horticulturae</i> , 2004, 103, 113-129.	1.7	67
24	Exponential fertilization of <i>Pinus monticola</i> seedlings: nutrient uptake efficiency, leaching fractions, and early outplanting performance. <i>Canadian Journal of Forest Research</i> , 2005, 35, 2961-2967.	0.8	66
25	Nursery Nitrogen Loading Improves Field Performance of Bareroot Oak Seedlings Planted on Abandoned Mine Lands. <i>Restoration Ecology</i> , 2009, 17, 339-349.	1.4	62
26	Banking on the future: progress, challenges and opportunities for the genetic conservation of forest trees. <i>New Forests</i> , 2017, 48, 153-180.	0.7	61
27	Nursery fertilization and tree shelters affect long-term field response of <i>Acacia salicina</i> Lindl. planted in Mediterranean semiarid conditions. <i>Forest Ecology and Management</i> , 2005, 215, 339-351.	1.4	55
28	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.	0.8	55
29	Microclimatic conditions and plant morpho-physiological development within a tree shelter environment during establishment of <i>Quercus ilex</i> seedlings. <i>Agricultural and Forest Meteorology</i> , 2007, 144, 58-72.	1.9	54
30	Physiological response to drought stress in <i>Camptotheca acuminata</i> seedlings from two provenances. <i>Frontiers in Plant Science</i> , 2015, 6, 361.	1.7	54
31	Restoring forests: advances in techniques and theory. <i>New Forests</i> , 2012, 43, 535-541.	0.7	53
32	Fertilization at planting impairs root system development and drought avoidance of Douglas-fir (<i>Pseudotsuga menziesii</i>) seedlings. <i>Annals of Forest Science</i> , 2004, 61, 643-651.	0.8	52
33	Dominance of interplanted American chestnut (<i>Castanea dentata</i>) in southwestern Wisconsin, USA. <i>Forest Ecology and Management</i> , 2004, 191, 111-120.	1.4	49
34	Survival and competitiveness of <i>Quercus rubra</i> regeneration associated with planting stocktype and harvest opening intensity. <i>New Forests</i> , 2010, 40, 273-287.	0.7	48
35	Is light the key factor for success of tube shelters in forest restoration plantings under Mediterranean climates?. <i>Forest Ecology and Management</i> , 2010, 260, 610-617.	1.4	47
36	Competitive success of natural oak regeneration in clearcuts during the stem exclusion stage. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1419-1430.	0.8	43

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37	Sensibilit�� la s��cheresse et reprise des semis transplant��s de <i>Quercus rubra</i> en relation avec la morphologie racinaire. <i>Annals of Forest Science</i> , 2009, 66, 504-504.	0.8	43
38	NURSERY RESPONSE OF <i>ACACIA KOA</i> SEEDLINGS TO CONTAINER SIZE, IRRIGATION METHOD, AND FERTILIZATION RATE. <i>Journal of Plant Nutrition</i> , 2011, 34, 877-887.	0.9	42
39	Soil pH, organic matter, and nutrient content change with the continuous cropping of <i>Cunninghamia lanceolata</i> plantations in South China. <i>Journal of Soils and Sediments</i> , 2017, 17, 2230-2238.	1.5	41
40	Consequences of Shifts in Abundance and Distribution of American Chestnut for Restoration of a Foundation Forest Tree. <i>Forests</i> , 2016, 7, 4.	0.9	37
41	Evaluating desiccation sensitivity of <i>Quercus rubra</i> acorns using X-ray image analysis. <i>Canadian Journal of Forest Research</i> , 2005, 35, 2823-2831.	0.8	36
42	Aboveground carbon biomass of plantation-grown American chestnut (<i>Castanea dentata</i>) in absence of blight. <i>Forest Ecology and Management</i> , 2009, 258, 288-294.	1.4	36
43	Fertilisation automnale des plants de <i>Pinus resinosa</i> : absorption des ��l��ments nutritifs, rusticit�� au froid, et d��veloppement morphologique. <i>Annals of Forest Science</i> , 2009, 66, 704-704.	0.8	35
44	Root desiccation and drought stress responses of bareroot <i>Quercus rubra</i> seedlings treated with a hydrophilic polymer root dip. <i>Plant and Soil</i> , 2009, 315, 229-240.	1.8	33
45	Modified exponential nitrogen loading to promote morphological quality and nutrient storage of bareroot-cultured <i>Quercus rubra</i> and <i>Quercus alba</i> seedlings. <i>Scandinavian Journal of Forest Research</i> , 2006, 21, 306-316.	0.5	32
46	Ungulate herbivory of regenerating conifers in relation to foliar nutrition and terpenoid production. <i>Forest Ecology and Management</i> , 2011, 262, 1834-1845.	1.4	32
47	Fertilization at planting influences seedling growth and vegetative competition on a post-mining boreal reclamation site. <i>New Forests</i> , 2013, 44, 687-701.	0.7	32
48	Innovations in afforestation of agricultural bottomlands to restore native forests in the eastern USA. <i>Scandinavian Journal of Forest Research</i> , 2010, 25, 31-42.	0.5	31
49	Light and nitrogen interact to influence regeneration in old-growth <i>Nothofagus</i> -dominated forests in south-central Chile. <i>Forest Ecology and Management</i> , 2017, 384, 303-313.	1.4	31
50	Nurse Trees as a Forest Restoration Tool for Mixed Plantations: Effects on Competing Vegetation and Performance in Target Tree Species. <i>Restoration Ecology</i> , 2014, 22, 758-765.	1.4	30
51	Alleviation of heavy metal phytotoxicity in sewage sludge by vermicomposting with additive urban plant litter. <i>Science of the Total Environment</i> , 2018, 633, 71-80.	3.9	29
52	Vegetative and Adaptive Traits Predict Different Outcomes for Restoration Using Hybrids. <i>Frontiers in Plant Science</i> , 2016, 7, 1741.	1.7	28
53	An exponential fertilization dose��response model to promote restoration of the Mediterranean oak <i>Quercus ilex</i> . <i>New Forests</i> , 2015, 46, 795-812.	0.7	27
54	Development of Douglas-fir seedling root architecture in response to localized nutrient supply. <i>Canadian Journal of Forest Research</i> , 2003, 33, 118-125.	0.8	26

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55	Ungulate herbivory of boreal and temperate forest regeneration in relation to seedling mineral nutrition and secondary metabolites. <i>New Forests</i> , 2013, 44, 753-768.	0.7	26
56	Croissance, Å©changes gazeux et rÅ©ponses nutritionnelles de jeunes semis de <i>Quercus rubra</i> soumis Å une fertilisation par (15NH4)2SO4. <i>Annals of Forest Science</i> , 2008, 65, 101-101.	0.8	25
57	Growth, Nutrition, and Photosynthetic Response of Black Walnut to Varying Nitrogen Sources and Rates. <i>Journal of Plant Nutrition</i> , 2008, 31, 1917-1936.	0.9	25
58	Inter- and intra-specific competitiveness of plantation-grown American chestnut (<i>Castanea dentata</i>). <i>Forest Ecology and Management</i> , 2013, 291, 289-299.	1.4	24
59	Exponential nutrient loading shortens the cultural period of <i>Larix olgensis</i> seedlings. <i>Scandinavian Journal of Forest Research</i> , 2013, 28, 409-418.	0.5	24
60	Mitigation of Deer Herbivory in Temperate Hardwood Forest Regeneration: A Meta-Analysis of Research Literature. <i>Forests</i> , 2020, 11, 1220.	0.9	21
61	Nitrogen budgeting and quality of exponentially fertilized <i>Quercus robur</i> seedlings in Ireland. <i>European Journal of Forest Research</i> , 2011, 130, 557-567.	1.1	20
62	Light transmissivity of tube shelters affects root growth and biomass allocation of <i>Quercus ilex</i> L. and <i>Pinus halepensis</i> Mill. <i>Annals of Forest Science</i> , 2014, 71, 91-99.	0.8	20
63	Effects of landscape plant species and concentration of sewage sludge compost on plant growth, nutrient uptake, and heavy metal removal. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35184-35199.	2.7	20
64	Nursery stock quality as an indicator of bottomland hardwood forest restoration success in the Lower Mississippi River Alluvial Valley. <i>Scandinavian Journal of Forest Research</i> , 2012, 27, 255-269.	0.5	19
65	Leaf physiology and biomass allocation of backcross hybrid American chestnut (<i>Castanea dentata</i>) seedlings in response to light and water availability. <i>Tree Physiology</i> , 2014, 34, 1362-1375.	1.4	19
66	The implications of American chestnut reintroduction on landscape dynamics and carbon storage. <i>Ecosphere</i> , 2017, 8, e01773.	1.0	19
67	Changes in soil properties under <i>Eucalyptus</i> relative to <i>Pinus massoniana</i> and natural broadleaved forests in South China. <i>Journal of Forestry Research</i> , 2018, 29, 1299-1306.	1.7	19
68	Coconut Coir as a Sustainable Nursery Growing Media for Seedling Production of the Ecologically Diverse <i>Quercus</i> Species. <i>Forests</i> , 2020, 11, 522.	0.9	19
69	Growth, gas exchange, and root respiration of <i>Quercus rubra</i> seedlings exposed to low root zone temperatures in solution culture. <i>Forest Ecology and Management</i> , 2007, 253, 89-96.	1.4	18
70	Short-day treatment alters Douglas-fir seedling dehardening and transplant root proliferation at varying rhizosphere temperatures. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1526-1535.	0.8	18
71	Tree shelters affect shoot and root system growth and structure in <i>Quercus robur</i> during regeneration establishment. <i>European Journal of Forest Research</i> , 2015, 134, 641-652.	1.1	18
72	Plasticity of phenotype and heteroblasty in contrasting populations of <i>Acacia koa</i> . <i>Annals of Botany</i> , 2019, 124, 399-409.	1.4	18

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73	Title is missing!. <i>New Forests</i> , 2003, 26, 263-277.	0.7	17
74	Endurcissement au froid et réponse des semis de <i>Juglans nigra</i> transplantés après exposition à différentes modalités de stockage. <i>Annals of Forest Science</i> , 2008, 65, 606-606.	0.8	17
75	Pruning methods to restore <i>Castanea sativa</i> stands attacked by <i>Dryocosmus kuriphilus</i> . <i>New Forests</i> , 2012, 43, 869-885.	0.7	17
76	Nitrogen fertilization of black walnut (<i>Juglans nigra</i> L.) during plantation establishment. <i>Physiology of production. European Journal of Forest Research</i> , 2014, 133, 153-164.	1.1	17
77	Species selection – A fundamental silvicultural tool to promote forest regeneration under high animal browsing pressure. <i>Forest Ecology and Management</i> , 2018, 408, 67-74.	1.4	17
78	Regeneration niches in <i>Nothofagus</i> -dominated old-growth forests after partial disturbance: Insights to overcome arrested succession. <i>Forest Ecology and Management</i> , 2019, 445, 26-36.	1.4	17
79	Influence of seasonal planting date on field performance of six temperate deciduous forest tree species. <i>Forest Ecology and Management</i> , 2006, 223, 371-378.	1.4	16
80	Nitrate reductase activity and nitrogen compounds in xylem exudate of <i>Juglans nigra</i> seedlings: relation to nitrogen source and supply. <i>Trees - Structure and Function</i> , 2008, 22, 685-695.	0.9	16
81	Exploration of a rare population of Chinese chestnut in North America: stand dynamics, health and genetic relationships. <i>AoB PLANTS</i> , 2014, 6, .	1.2	16
82	Environmental-mediated relationships between tree growth of black spruce and abundance of spruce budworm along a latitudinal transect in Quebec, Canada. <i>Agricultural and Forest Meteorology</i> , 2015, 213, 53-63.	1.9	16
83	Short-day photoperiods affect expression of genes related to dormancy and freezing tolerance in Norway spruce seedlings. <i>Annals of Forest Science</i> , 2017, 74, 1.	0.8	16
84	Natural regeneration of <i>Pinus pinaster</i> facilitates <i>Quercus ilex</i> survival and growth under severe deer browsing pressure. <i>Forest Ecology and Management</i> , 2019, 432, 356-364.	1.4	16
85	Photosynthetic assimilation and carbohydrate allocation of <i>Quercus rubra</i> seedlings in response to simulated herbivory. <i>Annals of Forest Science</i> , 2011, 68, 617-624.	0.8	15
86	Phenology of foliar and volatile terpenoid production for <i>Thuja plicata</i> families under differential nutrient availability. <i>Environmental and Experimental Botany</i> , 2012, 77, 44-52.	2.0	15
87	Split fertilizer application affects growth, biomass allocation, and fertilizer uptake efficiency of hybrid <i>Eucalyptus</i> . <i>New Forests</i> , 2013, 44, 703-718.	0.7	15
88	Development of cork oak (<i>Quercus suber</i> L.) seedlings in response to tree shelters and mulching in northwestern Tunisia. <i>Journal of Forestry Research</i> , 2013, 24, 193-204.	1.7	15
89	Organic Matter Added to Bareroot Nursery Beds Influences Soil Properties and Morphology of <i>Fraxinus pennsylvanica</i> and <i>Quercus rubra</i> Seedlings. <i>New Forests</i> , 2006, 31, 293-303.	0.7	14
90	Retranslocation, Plant, and Soil Recovery of Nitrogen-15 Applied to Bareroot Black Walnut Seedlings. <i>Communications in Soil Science and Plant Analysis</i> , 2009, 40, 1408-1417.	0.6	14

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91	Relationship between above-ground biomass allocation and stand density index in <i>Populus x euramericana</i> stands. <i>Forestry</i> , 2012, 85, 611-619.	1.2	14
92	Alternative field fertilization techniques to promote restoration of leguminous <i>Acacia koa</i> on contrasting tropical sites. <i>Forest Ecology and Management</i> , 2016, 376, 126-134.	1.4	14
93	Nitrogen recovery in planted seedlings, competing vegetation, and soil in response to fertilization on a boreal mine reclamation site. <i>Forest Ecology and Management</i> , 2016, 360, 60-68.	1.4	14
94	Application rate and plant species affect the ecological safety of sewage sludge as a landscape soil amendment. <i>Urban Forestry and Urban Greening</i> , 2017, 27, 138-147.	2.3	14
95	A tree from waste: Decontaminated dredged sediments for growing forest tree seedlings. <i>Journal of Environmental Management</i> , 2018, 211, 269-277.	3.8	14
96	Plantation performance of chestnut hybrids and progenitors on reclaimed Appalachian surface mines. <i>New Forests</i> , 2018, 49, 599-611.	0.7	14
97	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.	1.4	13
98	Quantifying flooding effects on hardwood seedling survival and growth for bottomland restoration. <i>New Forests</i> , 2012, 43, 695-710.	0.7	13
99	Forecasting effects of tree species reintroduction strategies on carbon stocks in a future without historical analog. <i>Global Change Biology</i> , 2018, 24, 5500-5517.	4.2	13
100	Environmental stress under climate change reduces plant performance, yet increases allelopathic potential of an invasive shrub. <i>Biological Invasions</i> , 2020, 22, 2859-2881.	1.2	13
101	Combined application of bud and leaf growth fertilizer improves leaf flavonoids yield of <i>Ginkgo biloba</i> . <i>Industrial Crops and Products</i> , 2020, 150, 112379.	2.5	13
102	Influence of lanthanum level and interactions with nitrogen source on early development of <i>Juglans nigra</i> . <i>Journal of Rare Earths</i> , 2009, 27, 270-279.	2.5	12
103	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.	1.4	12
104	Chlorophyll fluorescence of stem cambial tissue reflects dormancy development in <i>Juglans nigra</i> seedlings. <i>New Forests</i> , 2012, 43, 771-778.	0.7	12
105	Nitrogen Fertilization of Black Walnut (<i>Juglans nigra</i> L.) During Plantation Establishment. Morphology and Production Efficiency. <i>Forest Science</i> , 2013, 59, 453-463.	0.5	12
106	Reduced translocation of current photosynthate precedes changes in gas exchange for <i>Quercus rubra</i> seedlings under flooding stress. <i>Tree Physiology</i> , 2016, 36, 54-62.	1.4	12
107	Simulated predation of <i>Quercus variabilis</i> acorns impairs nutrient remobilization and seedling performance irrespective of soil fertility. <i>Plant and Soil</i> , 2018, 423, 295-306.	1.8	12
108	Relation of <i>Fraxinus excelsior</i> seedling morphology to growth and root proliferation during field establishment. <i>Scandinavian Journal of Forest Research</i> , 2010, 25, 60-67.	0.5	11

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109	Herbivory and Competing Vegetation Interact as Site Limiting Factors in Maritime Forest Restoration. <i>Forests</i> , 2019, 10, 950.	0.9	11
110	Nursery Cultural Techniques Facilitate Restoration of <i>Acacia koa</i> Competing with Invasive Grass in a Dry Tropical Forest. <i>Forests</i> , 2020, 11, 1124.	0.9	11
111	Overstory species composition of naturally regenerated clearcuts in an ecological classification framework. <i>Plant Ecology</i> , 2010, 208, 21-34.	0.7	10
112	Half-sib seed source and nursery sowing density affect black walnut (<i>Juglans nigra</i>) growth after 5 years. <i>New Forests</i> , 2011, 41, 235-245.	0.7	10
113	Planting stock type and seasonality of simulated browsing affect regeneration establishment of <i>Quercus rubra</i> . <i>Canadian Journal of Forest Research</i> , 2014, 44, 732-739.	0.8	10
114	Can the use of large, alternative nursery containers aid in field establishment of <i>Juglans regia</i> and <i>Quercus robur</i> seedlings?. <i>New Forests</i> , 2015, 46, 773-794.	0.7	10
115	Ecologically distinct pine species show differential root development after outplanting in response to nursery nutrient cultivation. <i>Forest Ecology and Management</i> , 2019, 451, 117562.	1.4	10
116	Nutrient Release Rates of Controlled Release Fertilizers in Forest Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 739-750.	0.6	9
117	Terpene production and growth of three Pacific Northwest conifers in response to simulated browse and nutrient availability. <i>Trees - Structure and Function</i> , 2012, 26, 1331-1342.	0.9	9
118	Conversion of conifer plantations to native hardwoods: influences of overstory and fertilization on artificial regeneration. <i>New Forests</i> , 2018, 49, 829-849.	0.7	9
119	Leaf physiology and sugar concentrations of transplanted <i>Quercus rubra</i> seedlings in relation to nutrient and water availability. <i>New Forests</i> , 2012, 43, 779-790.	0.7	8
120	Effects of root competition on development of chestnut and oak regeneration following midstory removal. <i>Forestry</i> , 2014, 87, 562-570.	1.2	8
121	Drought and flood stress tolerance of butternut (<i>Juglans cinerea</i>) and naturally occurring hybrids: implications for restoration. <i>Canadian Journal of Forest Research</i> , 2014, 44, 1206-1216.	0.8	8
122	Forest regeneration in changing environments. <i>New Forests</i> , 2018, 49, 699-703.	0.7	8
123	Influence of mulching and tree shelters on 4-year survival and growth of young oak (<i>Quercus</i>) Tj ETQq1 1 0.784314 $\frac{rgBT}{Overlock}$ 10	0.7	8
124	Decomposition rates of American chestnut (<i>Castanea dentata</i>) wood and implications for coarse woody debris pools. <i>Canadian Journal of Forest Research</i> , 2014, 44, 1575-1585.	0.8	7
125	Bottles to trees: Plastic beverage bottles as an alternative nursery growing container for reforestation in developing countries. <i>PLoS ONE</i> , 2017, 12, e0177904.	1.1	7
126	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.	0.9	6

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127	Winter variation in physiological status of cold stored and freshly lifted semi-evergreen <i>Quercus nigra</i> seedlings. <i>Annals of Forest Science</i> , 2009, 66, 103-103.	0.8	5
128	Ontogeny influences developmental physiology of post-transplant <i>Quercus rubra</i> seedlings more than genotype. <i>Annals of Forest Science</i> , 2016, 73, 987-993.	0.8	5
129	Establishment and heteroblasty of <i>Acacia koa</i> in canopy gaps. <i>Forest Ecology and Management</i> , 2019, 453, 117592.	1.4	5
130	Effect of ethephon on hardening of <i>Pachystroma longifolium</i> seedlings. <i>Revista Arvore</i> , 2013, 37, 401-407.	0.5	5
131	Influence of sulfometuron methyl on conifer seedling root development. <i>New Forests</i> , 2009, 37, 85-97.	0.7	4
132	Structural and compositional dynamics of a near-natural temperate deciduous forest in the central United States ¹ . <i>Journal of the Torrey Botanical Society</i> , 2012, 139, 379-390.	0.1	4
133	Nitrogen Recovery from Enhanced Efficiency Fertilizers and Urea in Intensively Managed Black Walnut (<i>Juglans nigra</i>) Plantations. <i>Forests</i> , 2021, 12, 352.	0.9	4
134	Changes in potentially toxic element concentration and potential ecological risk in topsoil caused by sewage sludge application on forestland: A 3-year field trial. <i>Forest Ecology and Management</i> , 2021, 500, 119657.	1.4	4
135	Hardwood Species Show Wide Variability in Response to Silviculture during Reclamation of Coal Mine Sites. <i>Forests</i> , 2020, 11, 72.	0.9	4
136	Transient physiological responses of planting frozen root plugs of Douglas-fir seedlings. <i>Canadian Journal of Forest Research</i> , 2008, 38, 1517-1525.	0.8	3
137	Cold Acclimation Increases Freeze Tolerance in <i>Acacia koa</i> , a Tropical Tree Species Occurring over a Wide Elevational Gradient. <i>Forests</i> , 2021, 12, 1089.	0.9	3
138	Endogenous translocation patterns of current photosynthate in post-transplant <i>Quercus rubra</i> seedlings. <i>Canadian Journal of Forest Research</i> , 2018, 48, 1067-1072.	0.8	2
139	Photosynthetic parameters of <i>Juglans nigra</i> trees are linked to cumulative water stress. <i>Canadian Journal of Forest Research</i> , 2019, 49, 752-758.	0.8	2
140	Toward Identifying Alternatives to Fencing for Forest Restoration: Tube Shelters Outperform Mesh Shelters for Deer Browse Protection of Live Oak, <i>Quercus virginiana</i> . <i>Land</i> , 2022, 11, 966.	1.2	2
141	Nutrient dynamics of planted forests. <i>New Forests</i> , 2013, 44, 629-633.	0.7	0