Sean C Thomas

List of Publications by Year
in descending order

185 papers	19,433 citations	23544 58 h-index	12585 132 g-index
197 all docs	197 docs citations	197 times ranked	18324 citing authors

#	Article	IF	Citations
1	Greenhouse gases and green roofs: carbon dioxide and methane fluxes in relation to substrate characteristics. Urban Ecosystems, 2022, 25, 487-498.	1.1	8
2	Biochar granulation enhances plant performance on a green roof substrate. Science of the Total Environment, 2022, 813, 152638.	3.9	18
3	Biochar mitigation of allelopathic effects in three invasive plants: evidence from seed germination trials. Canadian Journal of Soil Science, 2022, 102, 213-224.	0.5	8
4	Biochar Rescues Native Trees in the Biodiversity Hotspot of Mauritius. Forests, 2022, 13, 277.	0.9	3
5	Post-harvest recovery of soil methane oxidation on skid trails and landings in a managed northern hardwood forest. Forest Ecology and Management, 2022, 515, 120202.	1.4	2
6	Beech Bark Disease in an Unmanaged Temperate Forest: Patterns, Predictors, and Impacts on Ecosystem Function. Frontiers in Forests and Global Change, 2022, 5, .	1.0	0
7	A global database of woody tissue carbon concentrations. Scientific Data, 2022, 9, .	2.4	8
8	Interactive effects of biochar and N-fixing companion plants on growth and physiology of Acer saccharinum. Urban Forestry and Urban Greening, 2022, 74, 127652.	2.3	9
9	Biochar granulation, particle size, and vegetation effects on leachate water quality from a green roof substrate. Journal of Environmental Management, 2022, 318, 115506.	3.8	8
10	Phytotoxic condensed organic compounds are common in fast but not slow pyrolysis biochars. Bioresource Technology Reports, 2021, 13, 100613.	1.5	8
11	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. Biological Conservation, 2021, 253, 108907.	1.9	122
12	Spatial heterogeneity in soil pyrogenic carbon mediates tree growth and physiology following wildfire. Journal of Ecology, 2021, 109, 1479-1490.	1.9	5
13	Benign species-tuned biomass carbonization to nano-layered graphite for EMI filtering and greener energy storage functions. Renewable Energy, 2021, 164, 1039-1051.	4.3	12
14	Linking Soil CO2 Efflux to Individual Trees: Size-Dependent Variation and the Importance of the Birch Effect. Soil Systems, 2021, 5, 7.	1.0	4
15	Biochar effects on germination and radicle extension in temperate tree seedlings under field conditions. Canadian Journal of Forest Research, 2021, 51, 10-17.	0.8	7
16	Carbon fractions in the worldâ€™s dead wood. Nature Communications, 2021, 12, 889.	5.8	52
17	Skid Trail Effects on Soil Methane and Carbon Dioxide Flux in a Selection-Managed Northern Hardwood Forest. Ecosystems, 2021, 24, 1402-1421.	1.6	9
18	Developmental Dynamics of Gilbertiodendron dewevrei (Fabaceae) Drive Forest Structure and Biomass in the Eastern Congo Basin. Forests, 2021, 12, 738.	0.9	3

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19	Log landings are methane emission hotspots in managed forests. Canadian Journal of Forest Research, 2021, 51, 1916-1925.	0.8	4
20	High aboveground carbon stock of African tropical montane forests. Nature, 2021, 596, 536-542.	13.7	65
21	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. Biological Conservation, 2021, 260, 108849.	1.9	71
22	Post-processing of biochars to enhance plant growth responses: a review and meta-analysis. Biochar, 2021, 3, 437-455.	6.2	27
23	Use of Sentinel-2 Data to Improve Multivariate Tree Species Composition in a Forest Resource Inventory. Remote Sensing, 2021, 13, 4297.	1.8	2
24	Variation in fine root traits reveals nutrient-specific acquisition strategies in agroforestry systems. Plant and Soil, 2020, 453, 139-151.	1.8	29
25	Evaluating the ultraviolet protection factors of urban broadleaf and conifer trees in public spaces. Urban Forestry and Urban Greening, 2020, 51, 126679.	2.3	4
26	Biochar Effects on Soil Physiochemical Properties in Degraded Managed Ecosystems in Northeastern Bangladesh. Soil Systems, 2020, 4, 69.	1.0	25
27	Long-term thermal sensitivity of Earthâ€™s tropical forests. Science, 2020, 368, 869-874.	6.0	198
28	Asynchronous carbon sink saturation in African and Amazonian tropical forests. Nature, 2020, 579, 80-87.	13.7	439
29	Trees are larger on southern slopes in late-seral conifer stands in northwestern British Columbia. Canadian Journal of Forest Research, 2019, 49, 1349-1356.	0.8	2
30	Isocitrate Lyase and Succinate Semialdehyde Dehydrogenase Mediate the Synthesis of Î±-Ketoglutarate in Pseudomonas fluorescens. Frontiers in Microbiology, 2019, 10, 1929.	1.5	9
31	Biochar and high-carbon wood ash effects on soil and vegetation in a boreal clearcut. Canadian Journal of Forest Research, 2019, 49, 1124-1134.	0.8	30
32	Patterns of nitrogenâ€fixing tree abundance in forests across Asia and America. Journal of Ecology, 2019, 107, 2598-2610.	1.9	29
33	Variation in Feedstock Wood Chemistry Strongly Influences Biochar Liming Potential. Soil Systems, 2019, 3, 26.	1.0	42
34	Biochar Particle Size and Post-Pyrolysis Mechanical Processing Affect Soil pH, Water Retention Capacity, and Plant Performance. Soil Systems, 2019, 3, 14.	1.0	86
35	Porous graphitic biocarbon and reclaimed carbon fiber derived environmentally benign lightweight composites. Science of the Total Environment, 2019, 664, 363-373.	3.9	24
36	Stand age and species composition effects on surface albedo in a mixedwood boreal forest. Biogeosciences, 2019, 16, 4357-4375.	1.3	9

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37	Temporal Characterization of Bloodâ€“Brain Barrier Disruption with High-Frequency Electroporation. Cancers, 2019, 11, 1850.	1.7	34
38	Biochar enhancement of facilitation effects in agroforestry: early growth and physiological responses in a maize-leucaena model system. Agroforestry Systems, 2019, 93, 2213-2225.	0.9	16
39	Dose-dependence of growth and ecophysiological responses of plants to biochar. Science of the Total Environment, 2019, 658, 1344-1354.	3.9	49
40	Epixylic vegetation abundance, diversity, and composition vary with coarse woody debris decay class and substrate species in boreal forest. Canadian Journal of Forest Research, 2018, 48, 399-411.	0.8	16
41	Linking resource availability and heterogeneity to understorey species diversity through succession in boreal forest of Canada. Journal of Ecology, 2018, 106, 1266-1276.	1.9	70
42	A proxy-year analysis shows reduced soil temperatures with climate warming in boreal forest. Scientific Reports, 2018, 8, 16859.	1.6	11
43	An Unusual Case of Cardiac Tamponade Secondary to an Elevated Right Hemidiaphragm. Canadian Journal of Cardiology, 2018, 34, 1688.e21-1688.e23.	0.8	2
44	Global patterns in wood carbon concentration across the worldâ€™s trees and forests. Nature Geoscience, 2018, 11, 915-920.	5.4	89
45	Tree cover and species composition effects on academic performance of primary school students. PLoS ONE, 2018, 13, e0193254.	1.1	67
46	Diversity and carbon storage across the tropical forest biome. Scientific Reports, 2017, 7, 39102.	1.6	251
47	The role of glutamine synthetase in energy production and glutamine metabolism during oxidative stress. Antonie Van Leeuwenhoek, 2017, 110, 629-639.	0.7	30
48	Effects of coarse woody debris on plant and lichen species composition in boreal forests. Journal of Vegetation Science, 2017, 28, 389-400.	1.1	26
49	Inverting the maximum carboxylation rate (V cmax) from the sunlit leaf photosynthesis rate derived from measured light response curves at tower flux sites. Agricultural and Forest Meteorology, 2017, 236, 48-66.	1.9	31
50	Reproductive costs in Acer saccharum: exploring size-dependent relations between seed production and branch extension. Trees - Structure and Function, 2017, 31, 1179-1188.	0.9	8
51	Potential of Biochar to Mitigate Allelopathic Effects in Tropical Island Invasive Plants. Tropical Conservation Science, 2017, 10, 194008291769726.	0.6	17
52	Satellite Observations of Leaf Area Index Decline Following a Spring 2010 Heatwave in Ontario's Northern Temperate Forests. Canadian Journal of Remote Sensing, 2017, 43, 563-568.	1.1	0
53	Comparative responses of earlyâ€successional plants to charcoal soil amendments. Ecosphere, 2017, 8, e01933.	1.0	34
54	Interactive effects of biochar and an organic dust suppressant for revegetation and erosion control with herbaceous seed mixtures and willow cuttings. Restoration Ecology, 2017, 25, 367-375.	1.4	19

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55	Interspecific variation of tree root architecture in a temperate agroforestry system characterized using ground-penetrating radar. Plant and Soil, 2017, 410, 323-334.	1.8	30
56	Is There a Positive Synergistic Effect of Biochar and Compost Soil Amendments on Plant Growth and Physiological Performance?. Agronomy, 2017, 7, 13.	1.3	50
57	Removing bias from LiDAR-based estimates of canopy height: Accounting for the effects of pulse density and footprint size. Remote Sensing of Environment, 2017, 198, 1-16.	4.6	69
58	Opportunities and Uses of Biochar on Forest Sites in North America. , 2016, , 315-335.		18
59	Phospho-transfer networks and ATP homeostasis in response to an ineffective electron transport chain in Pseudomonas fluorescens. Archives of Biochemistry and Biophysics, 2016, 606, 26-33.	1.4	13
60	Biochar amendment and phosphorus fertilization altered forest soil microbial community and native soil organic matter molecular composition. Biogeochemistry, 2016, 130, 227-245.	1.7	36
61	The role of formate in combatting oxidative stress. Antonie Van Leeuwenhoek, 2016, 109, 263-271.	0.7	42
62	Herbivores limit the population size of bigâ€leaf mahogany trees in an Amazonian forest. Oikos, 2016, 125, 137-148.	1.2	7
63	Metabolic networks to generate pyruvate, PEP and ATP from glycerol in Pseudomonas fluorescens. Enzyme and Microbial Technology, 2016, 85, 51-56.	1.6	16
64	Thermal treatment and leaching of biochar alleviates plant growth inhibition from mobile organic compounds. PeerJ, 2016, 4, e2385.	0.9	39
65	Ageâ€related Crown Thinning in Tropical Forest Trees. Biotropica, 2015, 47, 320-329.	0.8	4
66	Biochar and forest restoration: a review and meta-analysis of tree growth responses. New Forests, 2015, 46, 931-946.	0.7	147
67	Tropical trees in a windâ€exposed island ecosystem: heightâ€diameter allometry and size at onset of maturity. Journal of Ecology, 2015, 103, 594-605.	1.9	51
68	Variation in carbon and nitrogen concentration among major woody tissue types in temperate trees. Canadian Journal of Forest Research, 2015, 45, 744-757.	0.8	56
69	Soil microbial responses over 2 years following biochar addition to a north temperate forest. Biology and Fertility of Soils, 2015, 51, 649-659.	2.3	64
70	<scp>CTFS</scp>â€<scp>Forest</scp><scp>GEO</scp>: a worldwide network monitoring forests in an era of global change. Global Change Biology, 2015, 21, 528-549.	4.2	473
71	Brain metabolism and Alzheimer's disease: The prospect of a metabolite-based therapy. Journal of Nutrition, Health and Aging, 2015, 19, 58-63.	1.5	34
72	Soil and greenhouse gas responses to biochar additions in a temperate hardwood forest. GCB Bioenergy, 2015, 7, 1062-1074.	2.5	73

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73	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. Biogeosciences, 2014, 11, 6827-6840.	1.3	89
74	Wood nitrogen concentrations in tropical trees: phylogenetic patterns and ecological correlates. New Phytologist, 2014, 204, 484-495.	3.5	36
75	Impacts of a spring heat wave on canopy processes in a northern hardwood forest. Global Change Biology, 2014, 20, 360-371.	4.2	57
76	The distribution of a hostâ€specific canopy parasite is linked with local species diversity in a northern temperate forest. Journal of Vegetation Science, 2014, 25, 1015-1023.	1.1	1
77	Temporal dynamics and causes of postharvest mortality in a selection-managed tolerant hardwood forest. Forest Ecology and Management, 2014, 314, 183-192.	1.4	16
78	Nuclear lactate dehydrogenase modulates histone modification in human hepatocytes. Biochemical and Biophysical Research Communications, 2014, 454, 172-177.	1.0	31
79	Estimating coarse root biomass with ground penetrating radar in a tree-based intercropping system. Agroforestry Systems, 2014, 88, 657-669.	0.9	36
80	Fumarate metabolism and ATP production in Pseudomonas fluorescens exposed to nitrosative stress. Antonie Van Leeuwenhoek, 2014, 106, 431-438.	0.7	11
81	Mitochondrial Biogenesis and Energy Production in Differentiating Murine Stem Cells: A Functional Metabolic Study. Cellular Reprogramming, 2014, 16, 84-90.	0.5	15
82	Net ecosystem exchange of an uneven-aged managed forest in central Ontario, and the impact of a spring heat wave event. Agricultural and Forest Meteorology, 2014, 198-199, 105-115.	1.9	19
83	The unravelling of metabolic dysfunctions linked to metal-associated diseases by blue native polyacrylamide gel electrophoresis. Analytical and Bioanalytical Chemistry, 2013, 405, 1821-1831.	1.9	11
84	Scaleâ€dependent relationships between tree species richness and ecosystem function in forests. Journal of Ecology, 2013, 101, 1214-1224.	1.9	265
85	Biochar mitigates negative effects of salt additions on two herbaceous plant species. Journal of Environmental Management, 2013, 129, 62-68.	3.8	222
86	Size-dependent changes in leaf and wood chemical traits in two Caribbean rainforest trees. Tree Physiology, 2013, 33, 1338-1353.	1.4	46
87	Snow cover manipulations alter survival of early life stages of coldâ€temperate tree species. Oikos, 2013, 122, 541-554.	1.2	51
88	Hydrogen peroxide stress provokes a metabolic reprogramming in Pseudomonas fluorescens: Enhanced production of pyruvate. Journal of Biotechnology, 2013, 167, 309-315.	1.9	48
89	Metabolic reengineering invoked by microbial systems to decontaminate aluminum: Implications for bioremediation technologies. Biotechnology Advances, 2013, 31, 266-273.	6.0	62
90	Above-ground biomass and structure of 260 African tropical forests. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120295.	1.8	264

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91	Size-dependent changes in wood chemical traits: a comparison of neotropical saplings and large trees. AoB PLANTS, 2013, 5, .	1.2	28
92	Methane fluxes measured by eddy covariance and static chamber techniques at a temperate forest in central Ontario, Canada. Biogeosciences, 2013, 10, 4371-4382.	1.3	58
93	Carbon Content of Tree Tissues: A Synthesis. Forests, 2012, 3, 332-352.	0.9	338
94	An analysis of the Modeling and Inventory Support Tool: Yield curves vary with Forest Ecosystem Classification. Forestry Chronicle, 2012, 88, 147-153.	0.5	0
95	The life history of a gallâ€inducing mite: summer phenology, predation and influence of gall morphology in a sugar maple canopy. Agricultural and Forest Entomology, 2012, 14, 251-259.	0.7	7
96	Monitoring riparian restoration to ensure recruitment of large woody debris in Haida Gwaii, British Columbia. Forestry Chronicle, 2012, 88, 131-139.	0.5	0
97	Age-Related Changes in Tree Growth and Functional Biology: The Role of Reproduction. Tree Physiology, 2011, , 33-64.	0.9	124
98	Island Invasion by a Threatened Tree Species: Evidence for Natural Enemy Release of Mahogany (Swietenia macrophylla) on Dominica, Lesser Antilles. PLoS ONE, 2011, 6, e18790.	1.1	14
99	Demography and biomass change in monodominant and mixed old-growth forest of the Congo. Journal of Tropical Ecology, 2011, 27, 447-461.	0.5	30
100	A gall-inducing arthropod drives declines in canopy tree photosynthesis. Oecologia, 2011, 167, 701-709.	0.9	37
101	Genetic vs. phenotypic responses of trees to altitude. Tree Physiology, 2011, 31, 1161-1163.	1.4	28
102	A Reassessment of Carbon Content in Tropical Trees. PLoS ONE, 2011, 6, e23533.	1.1	213
103	Influence of Non-nitrogenous Soil Amendments on Soil CO2 Efflux and Fine Root Production in an N-Saturated Northern Hardwood Forest. Ecosystems, 2010, 13, 1145-1156.	1.6	23
104	Modelling stand development after partial harvests: An empirically based, spatially explicit analysis for lowland black spruce. Ecological Modelling, 2010, 221, 256-267.	1.2	19
105	A Second Dimension to the Leaf Economics Spectrum Predicts Edaphic Habitat Association in a Tropical Forest. PLoS ONE, 2010, 5, e13163.	1.1	29
106	Photosynthetic capacity peaks at intermediate size in temperate deciduous trees. Tree Physiology, 2010, 30, 555-573.	1.4	90
107	Herbivory patterns in mature sugar maple: variation with vertical canopy strata and tree ontogeny. Ecological Entomology, 2010, 35, 1-8.	1.1	27
108	Increasing carbon storage in intact African tropical forests. Nature, 2009, 457, 1003-1006.	13.7	816

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109	Canopy tree growth responses following selection harvest in seven species varying in shade tolerance. Canadian Journal of Forest Research, 2009, 39, 430-440.	0.8	36
110	A selection harvesting algorithm for use in spatially explicit individual-based forest simulation models. Ecological Modelling, 2008, 211, 251-266.	1.2	17
111	Contrasting downed woody debris dynamics in managed and unmanaged northern hardwood stands. Canadian Journal of Forest Research, 2008, 38, 2850-2861.	0.8	38
112	Forest management and soil respiration: Implications for carbon sequestration. Environmental Reviews, 2008, 16, 93-111.	2.1	103
113	Assessing Evidence for a Pervasive Alteration in Tropical Tree Communities. PLoS Biology, 2008, 6, e45.	2.6	187
114	Responses of Acer saccharum canopy trees and saplings to P, K and lime additions under high N deposition. Tree Physiology, 2008, 28, 173-185.	1.4	61
115	LARGE ONTOGENETIC DECLINES IN INTRA-CROWN LEAF AREA INDEX IN TWO TEMPERATE DECIDUOUS TREE SPECIES. Ecology, 2008, 89, 744-753.	1.5	49
116	TREE MORTALITY FOLLOWING PARTIAL HARVESTS IS DETERMINED BY SKIDDING PROXIMITY. Ecological Applications, 2008, 18, 1652-1663.	1.8	61
117	Residual-tree growth responses to partial stand harvest in the black spruce (Picea mariana) boreal forestThis article is one of a selection of papers published in the Special Forum IUFRO 1.05 Uneven-Aged Silvicultural Research Group Conference on Natural Disturbance-Based Silviculture: Managing for Complexity.. Canadian Journal of Forest Research, 2007, 37, 1563-1571.	0.8	57
118	Leaf-level acclimation to gap creation in mature Acer saccharum trees. Tree Physiology, 2007, 27, 281-290.	1.4	30
119	Retrieving seasonal variation in chlorophyll content of overstory and understory sugar maple leaves from leaf-level hyperspectral data. Canadian Journal of Remote Sensing, 2007, 33, 406-415.	1.1	75
120	Partial harvesting in the Canadian boreal: Success will depend on stand dynamic responses. Forestry Chronicle, 2007, 83, 319-325.	0.5	69
121	Determinants of wholeâ€plant light requirements in Bornean rain forest tree saplings. Journal of Ecology, 2007, 95, 1208-1221.	1.9	126
122	Physiological and morphological correlates of whole-plant light compensation point in temperate deciduous tree seedlings. Oecologia, 2007, 153, 209-223.	0.9	40
123	Wood carbon content of tree species in Eastern China: Interspecific variability and the importance of the volatile fraction. Journal of Environmental Management, 2007, 85, 659-662.	3.8	85
124	Assessing the potential of native tree species for carbon sequestration forestry in Northeast China. Journal of Environmental Management, 2007, 85, 663-671.	3.8	25
125	Enhancing forest carbon sequestration in China: Toward an integration of scientific and socio-economic perspectives. Journal of Environmental Management, 2007, 85, 515-523.	3.8	9
126	Title is missing!. Journal of Environmental Management, 2007, 85, 513-514.	3.8	3

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127	Foliar respiration in an old-growth Pseudotsuga-Tsuga forest. Canadian Journal of Forest Research, 2006, 36, 216-226.	0.8	2
128	The Importance of Demographic Niches to Tree Diversity. Science, 2006, 313, 98-101.	6.0	215
129	Phosphorus limitation of sugar maple growth in central Ontario. Forest Ecology and Management, 2006, 226, 104-109.	1.4	107
130	Testing metabolic ecology theory for allometric scaling of tree size, growth and mortality in tropical forests. Ecology Letters, 2006, 9, 575-588.	3.0	280
131	Comparing tropical forest tree size distributions with the predictions of metabolic ecology and equilibrium models. Ecology Letters, 2006, 9, 589-602.	3.0	170
132	Soil CO2 efflux in uneven-aged managed forests: temporal patterns following harvest and effects of edaphic heterogeneity. Plant and Soil, 2006, 289, 253-264.	1.8	58
133	Impacts of Selective Logging and Agricultural Clearing on Forest Structure, Floristic Composition and Diversity, and Timber Tree Regeneration in the Ituri Forest, Democratic Republic of Congo. Biodiversity and Conservation, 2006, 15, 1375-1397.	1.2	58
134	Impacts of selective logging and agricultural clearing on forest structure, floristic composition and diversity, and timber tree regeneration in the Ituri Forest, Democratic Republic of Congo. , 2006, , 315-337.		12
135	Increased leaf reflectance in tropical trees under elevated CO2. Global Change Biology, 2005, 11, 197-202.	4.2	45
136	Effects of Light Gaps and Litter Removal on the Seedling Performance of Six African Timber Species1. Biotropica, 2005, 37, 227-237.	0.8	48
137	IMPACTS OF NEST CONSTRUCTION BY NATIVE PIGS (SUS SCROFA) ON LOWLAND MALAYSIAN RAIN FOREST SAPLINGS. Ecology, 2005, 86, 1540-1547.	1.5	49
138	Leaf optical responses to light and soil nutrient availability in temperate deciduous trees. American Journal of Botany, 2005, 92, 214-223.	0.8	86
139	Effects of retention harvests on structure of old-growth Pinus strobus L. stands in Ontario. Forest Ecology and Management, 2005, 205, 91-103.	1.4	30
140	EDAPHIC SPECIALIZATION IN TROPICAL TREES: PHYSIOLOGICAL CORRELATES AND RESPONSES TO RECIPROCAL TRANSPLANTATION. Ecology, 2005, 86, 3063-3077.	1.5	89
141	Dispersal limits natural recruitment of African mahoganies. Oikos, 2004, 106, 67-72.	1.2	59
142	The worldwide leaf economics spectrum. Nature, 2004, 428, 821-827.	13.7	6,489
143	Diameter increment in mature eastern white pine Pinus strobus L. following partial harvest of old-growth stands in Ontario, Canada. Trees - Structure and Function, 2004, 18, 29-34.	0.9	72
144	Three-dimensional Structure of an Old-growth Pseudotsuga-Tsuga Canopy and Its Implications for Radiation Balance, Microclimate, and Gas Exchange. Ecosystems, 2004, 7, 440.	1.6	144

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145	Canopy Carbon Gain and Water Use: Analysis of Old-growth Conifers in the Pacific Northwest. Ecosystems, 2004, 7, 482.	1.6	37
146	Carbon Dioxide Exchange Between an Old-growth Forest and the Atmosphere. Ecosystems, 2004, 7, 513.	1.6	97
147	The time course of diameter increment responses to selection harvests in Acer saccharum. Canadian Journal of Forest Research, 2004, 34, 1525-1533.	0.8	61
148	Resprouting of woody saplings following stem snap by wild pigs in a Malaysian rain forest. Journal of Ecology, 2003, 91, 222-233.	1.9	48
149	Vertical gradients and tree-to-tree variation in shoot morphology and foliar nitrogen in an old-growth Pinus strobus stand. Canadian Journal of Forest Research, 2003, 33, 1304-1314.	0.8	25
150	Prism sweeps for coarse woody debris. Canadian Journal of Forest Research, 2003, 33, 1737-1743.	0.8	32
151	Native, Wild Pigs (Sus scrofa) at Pasoh and Their Impacts on the Plant Community. , 2003, , 507-520.		8
152	Comparative Biology of Tropical Trees: a Perspective from Pasoh. , 2003, , 171-194.		12
153	Photosynthetic differences between saplings and adult trees: an integration of field results by meta-analysis. Tree Physiology, 2002, 22, 117-127.	1.4	213
154	Interactive effects of lateral shade and wind on stem allometry, biomass allocation, and mechanical stability in Abutilon theophrasti (Malvaceae). American Journal of Botany, 2002, 89, 1609-1615.	0.8	71
155	Corticolous bryophytes in managed Douglas-fir forests: habitat differentiation and responses to thinning and fertilization. Canadian Journal of Botany, 2001, 79, 886-896.	1.2	11
156	ECOLOGY: Enhanced: Tropical Forest Diversity--The Plot Thickens. Science, 2001, 291, 606-607.	6.0	38
157	The nature of tree growth and the "age-related decline in forest productivity". Oikos, 2001, 94, 374-376.	1.2	141
158	Corticolous bryophytes in managed Douglas-fir forests: habitat differentiation and responses to thinning and fertilization. Canadian Journal of Botany, 2001, 79, 886-896.	1.2	29
159	A rotated ellipsoidal angle density function improves estimation of foliage inclination distributions in forest canopies. Agricultural and Forest Meteorology, 2000, 100, 19-24.	1.9	58
160	Leaf area index of an old-growth Douglas-fir forest estimated from direct structural measurements in the canopy. Canadian Journal of Forest Research, 2000, 30, 1922-1930.	0.8	89
161	EARLY VS. ASYMPTOTIC GROWTH RESPONSES OF HERBACEOUS PLANTS TO ELEVATED CO2. Ecology, 1999, 80, 1552-1567.	1.5	11
162	Early vs. Asymptotic Growth Responses of Herbaceous Plants to Elevated CO 2 </latex&#62. Ecology, 1999, 80, 1552.	1.5	20

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163	PLANT DIVERSITY IN MANAGED FORESTS: UNDERSTORY RESPONSES TO THINNING AND FERTILIZATION. , 1999, 9, 864-879.		391
164	ASYMPTOTIC HEIGHT AS A PREDICTOR OF PHOTOSYNTHETIC CHARACTERISTICS IN MALAYSIAN RAIN FOREST TREES. Ecology, 1999, 80, 1607-1622.	1.5	173
165	Asymptotic Height as a Predictor of Photosynthetic Characteristics in Malaysian Rain Forest Trees. Ecology, 1999, 80, 1607.	1.5	8
166	PLANT DIVERSITY IN MANAGED FORESTS: UNDERSTORY RESPONSES TO THINNING AND FERTILIZATION. , 1999, 9, 864.		3
167	Geographic parthenogenesis in a tropical forest tree. American Journal of Botany, 1997, 84, 1012-1015.	0.8	28
168	Asymptotic height as a predictor of growth and allometric characteristics in malaysian rain forest trees. American Journal of Botany, 1996, 83, 556-566.	0.8	260
169	Relative Size at Onset of Maturity in Rain Forest Trees: A Comparative Analysis of 37 Malaysian Species. Oikos, 1996, 76, 145.	1.2	95
170	Elevated CO 2 and leaf shape: Are dandelions getting toothier?. American Journal of Botany, 1996, 83, 106-111.	0.8	31
171	Reproductive allometry in Malaysian rain forest trees: Biomechanics versus optimal allocation. Evolutionary Ecology, 1996, 10, 517-530.	0.5	54
172	Asymptotic Height as a Predictor of Growth and Allometric Characteristics in Malaysian Rain Forest Trees. American Journal of Botany, 1996, 83, 556.	0.8	160
173	Elevated CO 2 and Leaf Shape: Are Dandelions Getting Toothier?. American Journal of Botany, 1996, 83, 106.	0.8	13
174	Microevolutionary responses in experimental populations of plants to CO2-enriched environments: parallel results from two model systems.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8161-8165.	3.3	93
175	Ontogenetic Changes in Leaf Size in Malaysian Rain Forest Trees. Biotropica, 1995, 27, 427.	0.8	62
176	The Genetic Component in Plant Size Hierarchies: Norms of Reaction to Density in a Polygonum Species. Ecological Monographs, 1993, 63, 231-249.	2.4	77
177	Sex, Size and Interyear Variation in Flowering Among Dioecious Trees of the Malayan Rain Forest. Ecology, 1993, 74, 1529-1537.	1.5	100
178	Competition and Allometry in Three Species of Annual Plants. Ecology, 1992, 73, 648-656.	1.5	201
179	Population Densities and Patterns of Habitat Use Among Anthropoid Primates of the Ituri Forest, Zaire. Biotropica, 1991, 23, 68.	0.8	108
180	Competition and Growth Form in a Woodland Annual. Journal of Ecology, 1990, 78, 459.	1.9	110

#	Article	IF	Citations
181	Growth, Death and Size Distribution Change in an Impatiens Pallida Population. Journal of Ecology, 1989, 77, 524.	1.9	59
182	Including competitive asymmetry in measures of local interference in plant populations. Oecologia, 1989, 80, 349-355.	0.9	127
183	Size Variability and Competition in Plant Monocultures. Oikos, 1986, 47, 211.	1.2	615
184	Soil responses to non-nitrogenous amendments in a nitrogen-saturated temperate forest: an unexpected decrease in methane oxidation after phosphorus and lime addition. Canadian Journal of Soil Science, 0, , .	0.5	0
185	Tree Foliage is a Methane Sink in Upland Temperate Forests. Ecosystems, 0, , 1.	1.6	4