

Sean C Thomas

List of Publications by Year in descending order

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Version: 2024-02-01

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	The worldwide leaf economics spectrum. <i>Nature</i> , 2004, 428, 821-827.	13.7	6,489
2	Increasing carbon storage in intact African tropical forests. <i>Nature</i> , 2009, 457, 1003-1006.	13.7	816
3	Size Variability and Competition in Plant Monocultures. <i>Oikos</i> , 1986, 47, 211.	1.2	615
4	<sc>CTFS</sc>â€œForest<sc>GEO</sc><sc>: a worldwide network monitoring forests in an era of global change. <i>Global Change Biology</i> , 2015, 21, 528-549.	4.2	473
5	Asynchronous carbon sink saturation in African and Amazonian tropical forests. <i>Nature</i> , 2020, 579, 80-87.	13.7	439
6	PLANT DIVERSITY IN MANAGED FORESTS: UNDERSTORY RESPONSES TO THINNING AND FERTILIZATION. , 1999, 9, 864-879.		391
7	Carbon Content of Tree Tissues: A Synthesis. <i>Forests</i> , 2012, 3, 332-352.	0.9	338
8	Testing metabolic ecology theory for allometric scaling of tree size, growth and mortality in tropical forests. <i>Ecology Letters</i> , 2006, 9, 575-588.	3.0	280
9	Scaleâ€dependent relationships between tree species richness and ecosystem function in forests. <i>Journal of Ecology</i> , 2013, 101, 1214-1224.	1.9	265
10	Above-ground biomass and structure of 260 African tropical forests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120295.	1.8	264
11	Asymptotic height as a predictor of growth and allometric characteristics in malaysian rain forest trees. <i>American Journal of Botany</i> , 1996, 83, 556-566.	0.8	260
12	Diversity and carbon storage across the tropical forest biome. <i>Scientific Reports</i> , 2017, 7, 39102.	1.6	251
13	Biochar mitigates negative effects of salt additions on two herbaceous plant species. <i>Journal of Environmental Management</i> , 2013, 129, 62-68.	3.8	222
14	The Importance of Demographic Niches to Tree Diversity. <i>Science</i> , 2006, 313, 98-101.	6.0	215
15	Photosynthetic differences between saplings and adult trees: an integration of field results by meta-analysis. <i>Tree Physiology</i> , 2002, 22, 117-127.	1.4	213
16	A Reassessment of Carbon Content in Tropical Trees. <i>PLoS ONE</i> , 2011, 6, e23533.	1.1	213
17	Competition and Allometry in Three Species of Annual Plants. <i>Ecology</i> , 1992, 73, 648-656.	1.5	201
18	Long-term thermal sensitivity of Earthâ€™s tropical forests. <i>Science</i> , 2020, 368, 869-874.	6.0	198

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19	Assessing Evidence for a Pervasive Alteration in Tropical Tree Communities. <i>PLoS Biology</i> , 2008, 6, e45.	2.6	187
20	ASYMPTOTIC HEIGHT AS A PREDICTOR OF PHOTOSYNTHETIC CHARACTERISTICS IN MALAYSIAN RAIN FOREST TREES. <i>Ecology</i> , 1999, 80, 1607-1622.	1.5	173
21	Comparing tropical forest tree size distributions with the predictions of metabolic ecology and equilibrium models. <i>Ecology Letters</i> , 2006, 9, 589-602.	3.0	170
22	Asymptotic Height as a Predictor of Growth and Allometric Characteristics in Malaysian Rain Forest Trees. <i>American Journal of Botany</i> , 1996, 83, 556.	0.8	160
23	Biochar and forest restoration: a review and meta-analysis of tree growth responses. <i>New Forests</i> , 2015, 46, 931-946.	0.7	147
24	Three-dimensional Structure of an Old-growth <i>Pseudotsuga-Tsuga</i> Canopy and Its Implications for Radiation Balance, Microclimate, and Gas Exchange. <i>Ecosystems</i> , 2004, 7, 440.	1.6	144
25	The nature of tree growth and the "age-related decline in forest productivity". <i>Oikos</i> , 2001, 94, 374-376.	1.2	141
26	Including competitive asymmetry in measures of local interference in plant populations. <i>Oecologia</i> , 1989, 80, 349-355.	0.9	127
27	Determinants of whole-plant light requirements in Bornean rain forest tree saplings. <i>Journal of Ecology</i> , 2007, 95, 1208-1221.	1.9	126
28	Age-Related Changes in Tree Growth and Functional Biology: The Role of Reproduction. <i>Tree Physiology</i> , 2011, , 33-64.	0.9	124
29	ForestGEO: Understanding forest diversity and dynamics through a global observatory network. <i>Biological Conservation</i> , 2021, 253, 108907.	1.9	122
30	Competition and Growth Form in a Woodland Annual. <i>Journal of Ecology</i> , 1990, 78, 459.	1.9	110
31	Population Densities and Patterns of Habitat Use Among Anthropoid Primates of the Ituri Forest, Zaire. <i>Biotropica</i> , 1991, 23, 68.	0.8	108
32	Phosphorus limitation of sugar maple growth in central Ontario. <i>Forest Ecology and Management</i> , 2006, 226, 104-109.	1.4	107
33	Forest management and soil respiration: Implications for carbon sequestration. <i>Environmental Reviews</i> , 2008, 16, 93-111.	2.1	103
34	Sex, Size and Interyear Variation in Flowering Among Dioecious Trees of the Malayan Rain Forest. <i>Ecology</i> , 1993, 74, 1529-1537.	1.5	100
35	Carbon Dioxide Exchange Between an Old-growth Forest and the Atmosphere. <i>Ecosystems</i> , 2004, 7, 513.	1.6	97
36	Relative Size at Onset of Maturity in Rain Forest Trees: A Comparative Analysis of 37 Malaysian Species. <i>Oikos</i> , 1996, 76, 145.	1.2	95

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37	Microevolutionary responses in experimental populations of plants to CO ₂ -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
38	Photosynthetic capacity peaks at intermediate size in temperate deciduous trees. Tree Physiology, 2010, 30, 555-573.	1.4	90
39	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
40	EDAPHIC SPECIALIZATION IN TROPICAL TREES: PHYSIOLOGICAL CORRELATES AND RESPONSES TO RECIPROCAL TRANSPLANTATION. Ecology, 2005, 86, 3063-3077.	1.5	89
41	Local spatial structure of forest biomass and its consequences for remote sensing of carbon stocks. Biogeosciences, 2014, 11, 6827-6840.	1.3	89
42	Global patterns in wood carbon concentration across the world's trees and forests. Nature Geoscience, 2018, 11, 915-920.	5.4	89
43	Leaf optical responses to light and soil nutrient availability in temperate deciduous trees. American Journal of Botany, 2005, 92, 214-223.	0.8	86
44	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
45	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
46	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
47	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
48	Soil and greenhouse gas responses to biochar additions in a temperate hardwood forest. GCB Bioenergy, 2015, 7, 1062-1074.	2.5	73
49	Diameter increment in mature eastern white pine <i>Pinus strobus</i> L. following partial harvest of old-growth stands in Ontario, Canada. Trees - Structure and Function, 2004, 18, 29-34.	0.9	72
50	Interactive effects of lateral shade and wind on stem allometry, biomass allocation, and mechanical stability in <i>Abutilon theophrasti</i> (Malvaceae). American Journal of Botany, 2002, 89, 1609-1615.	0.8	71
51	Taking the pulse of Earth's tropical forests using networks of highly distributed plots. Biological Conservation, 2021, 260, 108849.	1.9	71
52	Linking resource availability and heterogeneity to understory species diversity through succession in boreal forest of Canada. Journal of Ecology, 2018, 106, 1266-1276.	1.9	70
53	Partial harvesting in the Canadian boreal: Success will depend on stand dynamic responses. Forestry Chronicle, 2007, 83, 319-325.	0.5	69
54	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

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55	Tree cover and species composition effects on academic performance of primary school students. PLoS ONE, 2018, 13, e0193254.	1.1	67
56	High aboveground carbon stock of African tropical montane forests. Nature, 2021, 596, 536-542.	13.7	65
57	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
58	Ontogenetic Changes in Leaf Size in Malaysian Rain Forest Trees. Biotropica, 1995, 27, 427.	0.8	62
59	Metabolic reengineering invoked by microbial systems to decontaminate aluminum: Implications for bioremediation technologies. Biotechnology Advances, 2013, 31, 266-273.	6.0	62
60	The time course of diameter increment responses to selection harvests in <i>Acer saccharum</i> . Canadian Journal of Forest Research, 2004, 34, 1525-1533.	0.8	61
61	Responses of <i>Acer saccharum</i> canopy trees and saplings to P, K and lime additions under high N deposition. Tree Physiology, 2008, 28, 173-185.	1.4	61
62	TREE MORTALITY FOLLOWING PARTIAL HARVESTS IS DETERMINED BY SKIDDING PROXIMITY. Ecological Applications, 2008, 18, 1652-1663.	1.8	61
63	Growth, Death and Size Distribution Change in an <i>Impatiens Pallida</i> Population. Journal of Ecology, 1989, 77, 524.	1.9	59
64	Dispersal limits natural recruitment of African mahoganies. Oikos, 2004, 106, 67-72.	1.2	59
65	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
66	Soil CO ₂ 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
67	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
68	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
69	Residual-tree growth responses to partial stand harvest in the black spruce (<i>Picea mariana</i>) boreal forest. This 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
70	Impacts of a spring heat wave on canopy processes in a northern hardwood forest. Global Change Biology, 2014, 20, 360-371.	4.2	57
71	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
72	Reproductive allometry in Malaysian rain forest trees: Biomechanics versus optimal allocation. Evolutionary Ecology, 1996, 10, 517-530.	0.5	54

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73	Carbon fractions in the world's dead wood. <i>Nature Communications</i> , 2021, 12, 889.	5.8	52
74	Snow cover manipulations alter survival of early life stages of cold-temperate tree species. <i>Oikos</i> , 2013, 122, 541-554.	1.2	51
75	Tropical trees in a wind-exposed island ecosystem: height-diameter allometry and size at onset of maturity. <i>Journal of Ecology</i> , 2015, 103, 594-605.	1.9	51
76	Is There a Positive Synergistic Effect of Biochar and Compost Soil Amendments on Plant Growth and Physiological Performance?. <i>Agronomy</i> , 2017, 7, 13.	1.3	50
77	IMPACTS OF NEST CONSTRUCTION BY NATIVE PIGS (SUS SCROFA) ON LOWLAND MALAYSIAN RAIN FOREST SAPLINGS. <i>Ecology</i> , 2005, 86, 1540-1547.	1.5	49
78	LARGE ONTOGENETIC DECLINES IN INTRA-CROWN LEAF AREA INDEX IN TWO TEMPERATE DECIDUOUS TREE SPECIES. <i>Ecology</i> , 2008, 89, 744-753.	1.5	49
79	Dose-dependence of growth and ecophysiological responses of plants to biochar. <i>Science of the Total Environment</i> , 2019, 658, 1344-1354.	3.9	49
80	Resprouting of woody saplings following stem snap by wild pigs in a Malaysian rain forest. <i>Journal of Ecology</i> , 2003, 91, 222-233.	1.9	48
81	Effects of Light Gaps and Litter Removal on the Seedling Performance of Six African Timber Species1. <i>Biotropica</i> , 2005, 37, 227-237.	0.8	48
82	Hydrogen peroxide stress provokes a metabolic reprogramming in <i>Pseudomonas fluorescens</i> : Enhanced production of pyruvate. <i>Journal of Biotechnology</i> , 2013, 167, 309-315.	1.9	48
83	Size-dependent changes in leaf and wood chemical traits in two Caribbean rainforest trees. <i>Tree Physiology</i> , 2013, 33, 1338-1353.	1.4	46
84	Increased leaf reflectance in tropical trees under elevated CO ₂ . <i>Global Change Biology</i> , 2005, 11, 197-202.	4.2	45
85	The role of formate in combatting oxidative stress. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 263-271.	0.7	42
86	Variation in Feedstock Wood Chemistry Strongly Influences Biochar Liming Potential. <i>Soil Systems</i> , 2019, 3, 26.	1.0	42
87	Physiological and morphological correlates of whole-plant light compensation point in temperate deciduous tree seedlings. <i>Oecologia</i> , 2007, 153, 209-223.	0.9	40
88	Thermal treatment and leaching of biochar alleviates plant growth inhibition from mobile organic compounds. <i>PeerJ</i> , 2016, 4, e2385.	0.9	39
89	ECOLOGY: Enhanced: Tropical Forest Diversity–The Plot Thickens. <i>Science</i> , 2001, 291, 606-607.	6.0	38
90	Contrasting downed woody debris dynamics in managed and unmanaged northern hardwood stands. <i>Canadian Journal of Forest Research</i> , 2008, 38, 2850-2861.	0.8	38

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91	Canopy Carbon Gain and Water Use: Analysis of Old-growth Conifers in the Pacific Northwest. <i>Ecosystems</i> , 2004, 7, 482.	1.6	37
92	A gall-inducing arthropod drives declines in canopy tree photosynthesis. <i>Oecologia</i> , 2011, 167, 701-709.	0.9	37
93	Canopy tree growth responses following selection harvest in seven species varying in shade tolerance. <i>Canadian Journal of Forest Research</i> , 2009, 39, 430-440.	0.8	36
94	Wood nitrogen concentrations in tropical trees: phylogenetic patterns and ecological correlates. <i>New Phytologist</i> , 2014, 204, 484-495.	3.5	36
95	Estimating coarse root biomass with ground penetrating radar in a tree-based intercropping system. <i>Agroforestry Systems</i> , 2014, 88, 657-669.	0.9	36
96	Biochar amendment and phosphorus fertilization altered forest soil microbial community and native soil organic matter molecular composition. <i>Biogeochemistry</i> , 2016, 130, 227-245.	1.7	36
97	Brain metabolism and Alzheimer's disease: The prospect of a metabolite-based therapy. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 58-63.	1.5	34
98	Comparative responses of early successional plants to charcoal soil amendments. <i>Ecosphere</i> , 2017, 8, e01933.	1.0	34
99	Temporal Characterization of Blood-Brain Barrier Disruption with High-Frequency Electroporation. <i>Cancers</i> , 2019, 11, 1850.	1.7	34
100	Prism sweeps for coarse woody debris. <i>Canadian Journal of Forest Research</i> , 2003, 33, 1737-1743.	0.8	32
101	Elevated CO ₂ and leaf shape: Are dandelions getting toothier?. <i>American Journal of Botany</i> , 1996, 83, 106-111.	0.8	31
102	Nuclear lactate dehydrogenase modulates histone modification in human hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2014, 454, 172-177.	1.0	31
103	Inverting the maximum carboxylation rate (V_{cmax}) from the sunlit leaf photosynthesis rate derived from measured light response curves at tower flux sites. <i>Agricultural and Forest Meteorology</i> , 2017, 236, 48-66.	1.9	31
104	Effects of retention harvests on structure of old-growth <i>Pinus strobus</i> L. stands in Ontario. <i>Forest Ecology and Management</i> , 2005, 205, 91-103.	1.4	30
105	Leaf-level acclimation to gap creation in mature <i>Acer saccharum</i> trees. <i>Tree Physiology</i> , 2007, 27, 281-290.	1.4	30
106	Demography and biomass change in monodominant and mixed old-growth forest of the Congo. <i>Journal of Tropical Ecology</i> , 2011, 27, 447-461.	0.5	30
107	The role of glutamine synthetase in energy production and glutamine metabolism during oxidative stress. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 629-639.	0.7	30
108	Interspecific variation of tree root architecture in a temperate agroforestry system characterized using ground-penetrating radar. <i>Plant and Soil</i> , 2017, 410, 323-334.	1.8	30

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109	Biochar and high-carbon wood ash effects on soil and vegetation in a boreal clearcut. <i>Canadian Journal of Forest Research</i> , 2019, 49, 1124-1134.	0.8	30
110	A Second Dimension to the Leaf Economics Spectrum Predicts Edaphic Habitat Association in a Tropical Forest. <i>PLoS ONE</i> , 2010, 5, e13163.	1.1	29
111	Patterns of nitrogen-fixing tree abundance in forests across Asia and America. <i>Journal of Ecology</i> , 2019, 107, 2598-2610.	1.9	29
112	Variation in fine root traits reveals nutrient-specific acquisition strategies in agroforestry systems. <i>Plant and Soil</i> , 2020, 453, 139-151.	1.8	29
113	Corticolous bryophytes in managed Douglas-fir forests: habitat differentiation and responses to thinning and fertilization. <i>Canadian Journal of Botany</i> , 2001, 79, 886-896.	1.2	29
114	Geographic parthenogenesis in a tropical forest tree. <i>American Journal of Botany</i> , 1997, 84, 1012-1015.	0.8	28
115	Genetic vs. phenotypic responses of trees to altitude. <i>Tree Physiology</i> , 2011, 31, 1161-1163.	1.4	28
116	Size-dependent changes in wood chemical traits: a comparison of neotropical saplings and large trees. <i>AoB PLANTS</i> , 2013, 5, .	1.2	28
117	Herbivory patterns in mature sugar maple: variation with vertical canopy strata and tree ontogeny. <i>Ecological Entomology</i> , 2010, 35, 1-8.	1.1	27
118	Post-processing of biochars to enhance plant growth responses: a review and meta-analysis. <i>Biochar</i> , 2021, 3, 437-455.	6.2	27
119	Effects of coarse woody debris on plant and lichen species composition in boreal forests. <i>Journal of Vegetation Science</i> , 2017, 28, 389-400.	1.1	26
120	Vertical gradients and tree-to-tree variation in shoot morphology and foliar nitrogen in an old-growth <i>Pinus strobus</i> stand. <i>Canadian Journal of Forest Research</i> , 2003, 33, 1304-1314.	0.8	25
121	Assessing the potential of native tree species for carbon sequestration forestry in Northeast China. <i>Journal of Environmental Management</i> , 2007, 85, 663-671.	3.8	25
122	Biochar Effects on Soil Physiochemical Properties in Degraded Managed Ecosystems in Northeastern Bangladesh. <i>Soil Systems</i> , 2020, 4, 69.	1.0	25
123	Porous graphitic biocarbon and reclaimed carbon fiber derived environmentally benign lightweight composites. <i>Science of the Total Environment</i> , 2019, 664, 363-373.	3.9	24
124	Influence of Non-nitrogenous Soil Amendments on Soil CO ₂ Efflux and Fine Root Production in an N-Saturated Northern Hardwood Forest. <i>Ecosystems</i> , 2010, 13, 1145-1156.	1.6	23
125	Early vs. Asymptotic Growth Responses of Herbaceous Plants to Elevated CO ₂ . <i>Ecology</i> , 1999, 80, 1552.	1.5	20
126	Modelling stand development after partial harvests: An empirically based, spatially explicit analysis for lowland black spruce. <i>Ecological Modelling</i> , 2010, 221, 256-267.	1.2	19

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127	Net ecosystem exchange of an uneven-aged managed forest in central Ontario, and the impact of a spring heat wave event. <i>Agricultural and Forest Meteorology</i> , 2014, 198-199, 105-115.	1.9	19
128	Interactive effects of biochar and an organic dust suppressant for revegetation and erosion control with herbaceous seed mixtures and willow cuttings. <i>Restoration Ecology</i> , 2017, 25, 367-375.	1.4	19
129	Opportunities and Uses of Biochar on Forest Sites in North America. , 2016, , 315-335.		18
130	Biochar granulation enhances plant performance on a green roof substrate. <i>Science of the Total Environment</i> , 2022, 813, 152638.	3.9	18
131	A selection harvesting algorithm for use in spatially explicit individual-based forest simulation models. <i>Ecological Modelling</i> , 2008, 211, 251-266.	1.2	17
132	Potential of Biochar to Mitigate Allelopathic Effects in Tropical Island Invasive Plants. <i>Tropical Conservation Science</i> , 2017, 10, 194008291769726.	0.6	17
133	Temporal dynamics and causes of postharvest mortality in a selection-managed tolerant hardwood forest. <i>Forest Ecology and Management</i> , 2014, 314, 183-192.	1.4	16
134	Metabolic networks to generate pyruvate, PEP and ATP from glycerol in <i>Pseudomonas fluorescens</i> . <i>Enzyme and Microbial Technology</i> , 2016, 85, 51-56.	1.6	16
135	Epicyclic vegetation abundance, diversity, and composition vary with coarse woody debris decay class and substrate species in boreal forest. <i>Canadian Journal of Forest Research</i> , 2018, 48, 399-411.	0.8	16
136	Biochar enhancement of facilitation effects in agroforestry: early growth and physiological responses in a maize-leucaena model system. <i>Agroforestry Systems</i> , 2019, 93, 2213-2225.	0.9	16
137	Mitochondrial Biogenesis and Energy Production in Differentiating Murine Stem Cells: A Functional Metabolic Study. <i>Cellular Reprogramming</i> , 2014, 16, 84-90.	0.5	15
138	Island Invasion by a Threatened Tree Species: Evidence for Natural Enemy Release of Mahogany (<i>Swietenia macrophylla</i>) on Dominica, Lesser Antilles. <i>PLoS ONE</i> , 2011, 6, e18790.	1.1	14
139	Phospho-transfer networks and ATP homeostasis in response to an ineffective electron transport chain in <i>Pseudomonas fluorescens</i> . <i>Archives of Biochemistry and Biophysics</i> , 2016, 606, 26-33.	1.4	13
140	Elevated CO ₂ and Leaf Shape: Are Dandelions Getting Toothier?. <i>American Journal of Botany</i> , 1996, 83, 106.	0.8	13
141	Benign species-tuned biomass carbonization to nano-layered graphite for EMI filtering and greener energy storage functions. <i>Renewable Energy</i> , 2021, 164, 1039-1051.	4.3	12
142	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
143	Comparative Biology of Tropical Trees: a Perspective from Pasoh. , 2003, , 171-194.		12
144	EARLY VS. ASYMPTOTIC GROWTH RESPONSES OF HERBACEOUS PLANTS TO ELEVATED CO ₂ . <i>Ecology</i> , 1999, 80, 1552-1567.	1.5	11

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145	Corticolous bryophytes in managed Douglas-fir forests: habitat differentiation and responses to thinning and fertilization. <i>Canadian Journal of Botany</i> , 2001, 79, 886-896.	1.2	11
146	The unravelling of metabolic dysfunctions linked to metal-associated diseases by blue native polyacrylamide gel electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1821-1831.	1.9	11
147	Fumarate metabolism and ATP production in <i>Pseudomonas fluorescens</i> exposed to nitrosative stress. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 431-438.	0.7	11
148	A proxy-year analysis shows reduced soil temperatures with climate warming in boreal forest. <i>Scientific Reports</i> , 2018, 8, 16859.	1.6	11
149	Enhancing forest carbon sequestration in China: Toward an integration of scientific and socio-economic perspectives. <i>Journal of Environmental Management</i> , 2007, 85, 515-523.	3.8	9
150	Isocitrate Lyase and Succinate Semialdehyde Dehydrogenase Mediate the Synthesis of Î±-Ketoglutarate in <i>Pseudomonas fluorescens</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1929.	1.5	9
151	Stand age and species composition effects on surface albedo in a mixedwood boreal forest. <i>Biogeosciences</i> , 2019, 16, 4357-4375.	1.3	9
152	Skid Trail Effects on Soil Methane and Carbon Dioxide Flux in a Selection-Managed Northern Hardwood Forest. <i>Ecosystems</i> , 2021, 24, 1402-1421.	1.6	9
153	Interactive effects of biochar and N-fixing companion plants on growth and physiology of <i>Acer saccharinum</i> . <i>Urban Forestry and Urban Greening</i> , 2022, 74, 127652.	2.3	9
154	Native, Wild Pigs (<i>Sus scrofa</i>) at Pasoh and Their Impacts on the Plant Community. , 2003, , 507-520.		8
155	Reproductive costs in <i>Acer saccharum</i> : exploring size-dependent relations between seed production and branch extension. <i>Trees - Structure and Function</i> , 2017, 31, 1179-1188.	0.9	8
156	Phytotoxic condensed organic compounds are common in fast but not slow pyrolysis biochars. <i>Bioresource Technology Reports</i> , 2021, 13, 100613.	1.5	8
157	Greenhouse gases and green roofs: carbon dioxide and methane fluxes in relation to substrate characteristics. <i>Urban Ecosystems</i> , 2022, 25, 487-498.	1.1	8
158	Asymptotic Height as a Predictor of Photosynthetic Characteristics in Malaysian Rain Forest Trees. <i>Ecology</i> , 1999, 80, 1607.	1.5	8
159	Biochar mitigation of allelopathic effects in three invasive plants: evidence from seed germination trials. <i>Canadian Journal of Soil Science</i> , 2022, 102, 213-224.	0.5	8
160	A global database of woody tissue carbon concentrations. <i>Scientific Data</i> , 2022, 9, .	2.4	8
161	Biochar granulation, particle size, and vegetation effects on leachate water quality from a green roof substrate. <i>Journal of Environmental Management</i> , 2022, 318, 115506.	3.8	8
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