

Daniel Epron

List of Publications by Year in descending order

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131
papers

9,015
citations

36303

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all docs

135
docs citations

135
times ranked

8877
citing authors

#	ARTICLE	IF	CITATIONS
1	Are differences among forest tree populations in carbon isotope composition an indication of adaptation to drought?. <i>Tree Physiology</i> , 2022, 42, 26-31.	3.1	6
2	Drought affects the fate of non-structural carbohydrates in hinoki cypress. <i>Tree Physiology</i> , 2022, 42, 784-796.	3.1	6
3	Potential soil methane oxidation in naturally regenerated oak-dominated temperate deciduous forest stands responds to soil water status regardless of their age—an intact core incubation study. <i>Annals of Forest Science</i> , 2022, 79, .	2.0	1
4	Pulse labelling of deep soil layers in forest with $^{13}\text{CH}_4$: testing a new method for tracing methane in the upper horizons, understorey vegetation and tree stems using laser-based spectrometry. <i>Biogeochemistry</i> , 2021, 153, 215-222.	3.5	10
5	Diurnal variations in the thickness of the inner bark of tree trunks in relation to xylem water potential and phloem turgor. <i>Plant-Environment Interactions</i> , 2021, 2, 112-124.	1.5	3
6	Selecting for water use efficiency, wood chemical traits and biomass with genomic selection in a Eucalyptus breeding program. <i>Forest Ecology and Management</i> , 2020, 465, 118092.	3.2	29
7	In situ $^{13}\text{CO}_2$ labelling of rubber trees reveals a seasonal shift in the contribution of the carbon sources involved in latex regeneration. <i>Journal of Experimental Botany</i> , 2020, 71, 2028-2039.	4.8	5
8	Estimation of phloem carbon translocation belowground at stand level in a hinoki cypress stand. <i>Tree Physiology</i> , 2019, 39, 320-331.	3.1	8
9	The impact of prolonged drought on phloem anatomy and phloem transport in young beech trees. <i>Tree Physiology</i> , 2019, 39, 201-210.	3.1	35
10	Using ^{13}C to Quantify Phloem Transport on Tall Plants in the Field. <i>Methods in Molecular Biology</i> , 2019, 2014, 145-151.	0.9	0
11	Are mixed-tree plantations including a nitrogen-fixing species more productive than monocultures?. <i>Forest Ecology and Management</i> , 2019, 441, 242-252.	3.2	51
12	Drought impacts on tree phloem: from cell-level responses to ecological significance. <i>Tree Physiology</i> , 2019, 39, 173-191.	3.1	68
13	Introduction to the invited issue on phloem function and dysfunction. <i>Tree Physiology</i> , 2019, 39, 167-172.	3.1	8
14	Impact of vegetation on the methane budget of a temperate forest. <i>New Phytologist</i> , 2019, 221, 1447-1456.	7.3	28
15	Prevalence of interspecific competition in a mixed poplar/black locust plantation under adverse climate conditions. <i>Annals of Forest Science</i> , 2018, 75, 1.	2.0	14
16	Estimating symbiotic N_2 fixation in <i>Robinia pseudoacacia</i> . <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 296-304.	1.9	13
17	Sampling and interpolation strategies derived from the analysis of continuous soil CO_2 flux. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 12-20.	1.9	12
18	Anionic exchange membranes, a promising tool to measure distribution of soil nutrients in tropical multispecific plantations. <i>Ecological Indicators</i> , 2018, 94, 254-256.	6.3	9

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19	Short- and Long-term Influence of Litter Quality and Quantity on Simulated Heterotrophic Soil Respiration in a Lowland Tropical Forest. <i>Ecosystems</i> , 2017, 20, 1190-1204.	3.4	18
20	Nitrogen dynamics in a nutrient-poor soil under mixed-species plantations of eucalypts and acacias. <i>Soil Biology and Biochemistry</i> , 2017, 108, 84-90.	8.8	20
21	Biomass production, nitrogen accumulation and symbiotic nitrogen fixation in a mixed-species plantation of eucalypt and acacia on a nutrient-poor tropical soil. <i>Forest Ecology and Management</i> , 2017, 403, 103-111.	3.2	38
22	Seasonality of nitrogen partitioning (non-structural vs structural) in the leaves and woody tissues of tropical eucalypts experiencing a marked dry season. <i>Tree Physiology</i> , 2017, 37, 790-798.	3.1	7
23	Seasonal variations drive short-term dynamics and partitioning of recently assimilated carbon in the foliage of adult beech and pine. <i>New Phytologist</i> , 2017, 213, 140-153.	7.3	37
24	Differences in nitrogen cycling and soil mineralisation between a eucalypt plantation and a mixed eucalypt and <i>Acacia mangium</i> plantation on a sandy tropical soil. <i>Southern Forests</i> , 2017, 79, 1-8.	0.7	33
25	Fine roots: when anisotropy matters. <i>Tree Physiology</i> , 2017, 37, 693-696.	3.1	3
26	Estimating heterotrophic respiration at large scales: challenges, approaches, and next steps. <i>Ecosphere</i> , 2016, 7, e01380.	2.2	35
27	Differences in carbon isotope discrimination and whole-plant transpiration efficiency among nine Australian and Sahelian <i>Acacia</i> species. <i>Annals of Forest Science</i> , 2016, 73, 995-1003.	2.0	11
28	No isotopic evidence for a differential mineralization of old soil organic matter in sandy, nutrient-poor, tropical soils under eucalypts and acacias. <i>European Journal of Soil Biology</i> , 2016, 76, 92-94.	3.2	0
29	Effects of compaction by heavy machine traffic on soil fluxes of methane and carbon dioxide in a temperate broadleaved forest. <i>Forest Ecology and Management</i> , 2016, 382, 1-9.	3.2	34
30	Uptake of soil mineral nitrogen by <i>Acacia mangium</i> and <i>Eucalyptus urophylla</i> – <i>grandis</i> : No difference in N form preference. <i>Journal of Plant Nutrition and Soil Science</i> , 2016, 179, 726-732.	1.9	23
31	Soil P availability under eucalypt and acacia on Ferralic Arenosols, republic of the Congo. <i>Geoderma Regional</i> , 2016, 7, 153-158.	2.1	32
32	In situ ¹³ CO ₂ pulse labelling of field-grown eucalypt trees revealed the effects of potassium nutrition and throughfall exclusion on phloem transport of photosynthetic carbon. <i>Tree Physiology</i> , 2016, 36, 6-21.	3.1	56
33	Effects of forest management on productivity and carbon sequestration: A review and hypothesis. <i>Forest Ecology and Management</i> , 2015, 355, 124-140.	3.2	145
34	Impacts of organic residue management on the soil C dynamics in a tropical eucalypt plantation on a nutrient-poor sandy soil after three rotations. <i>Soil Biology and Biochemistry</i> , 2015, 85, 183-189.	8.8	44
35	Carbon isotope composition of latex does not reflect temporal variations of photosynthetic carbon isotope discrimination in rubber trees (<i>Hevea brasiliensis</i>). <i>Tree Physiology</i> , 2015, 35, tpv070.	3.1	7
36	Hyphal growth in ingrowth mesh bags in <i>Fagus sylvatica</i> , <i>Quercus petraea</i> and <i>Pinus pinaster</i> stands in France. <i>European Journal of Soil Biology</i> , 2015, 70, 111-117.	3.2	11

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37	Changes in N and C concentrations, soil acidity and P availability in tropical mixed acacia and eucalypt plantations on a nutrient-poor sandy soil. <i>Plant and Soil</i> , 2014, 379, 205-216.	3.7	84
38	Does the addition of labile substrate destabilise old soil organic matter?. <i>Soil Biology and Biochemistry</i> , 2014, 76, 149-160.	8.8	86
39	The production and turnover of extramatrical mycelium of ectomycorrhizal fungi in forest soils: role in carbon cycling. <i>Plant and Soil</i> , 2013, 366, 1-27.	3.7	262
40	Integrating genetic and silvicultural strategies to minimize abiotic and biotic constraints in Brazilian eucalypt plantations. <i>Forest Ecology and Management</i> , 2013, 301, 6-27.	3.2	314
41	Modifying the G&E™DAY process-based model to simulate the spatial variability of Eucalyptus plantation growth on deep tropical soils. <i>Forest Ecology and Management</i> , 2013, 301, 112-128.	3.2	27
42	The manipulation of organic residues affects tree growth and heterotrophic CO ₂ efflux in a tropical Eucalyptus plantation. <i>Forest Ecology and Management</i> , 2013, 301, 79-88.	3.2	36
43	Soil CO ₂ efflux and soil carbon balance of a tropical rubber plantation. <i>Ecological Research</i> , 2013, 28, 969-979.	1.5	11
44	Carbon isotopic signature of CO ₂ emitted by plant compartments and soil in two temperate deciduous forests. <i>Annals of Forest Science</i> , 2013, 70, 173-183.	2.0	5
45	Eucalyptus and Acacia tree growth over entire rotation in single- and mixed-species plantations across five sites in Brazil and Congo. <i>Forest Ecology and Management</i> , 2013, 301, 89-101.	3.2	110
46	Partitioning of net primary production in Eucalyptus and Acacia stands and in mixed-species plantations: Two case-studies in contrasting tropical environments. <i>Forest Ecology and Management</i> , 2013, 301, 102-111.	3.2	91
47	A new method for continuously measuring the $\delta^{13}C$ of soil CO ₂ concentrations at different depths by laser spectrometry. <i>European Journal of Soil Science</i> , 2013, 64, 516-525.	3.9	18
48	Do changes in carbon allocation account for the growth response to potassium and sodium applications in tropical Eucalyptus plantations?. <i>Tree Physiology</i> , 2012, 32, 667-679.	3.1	57
49	Production and carbon allocation in monocultures and mixed-species plantations of Eucalyptus grandis and Acacia mangium in Brazil. <i>Tree Physiology</i> , 2012, 32, 680-695.	3.1	72
50	Pulse-labelling trees to study carbon allocation dynamics: a review of methods, current knowledge and future prospects. <i>Tree Physiology</i> , 2012, 32, 776-798.	3.1	223
51	Age-related changes in litter inputs explain annual trends in soil CO ₂ effluxes over a full Eucalyptus rotation after afforestation of a tropical savannah. <i>Biogeochemistry</i> , 2012, 111, 515-533.	3.5	34
52	Introduction to the invited issue on carbon allocation of trees and forests. <i>Tree Physiology</i> , 2012, 32, 639-643.	3.1	30
53	Transpiration alters the contribution of autotrophic and heterotrophic components of soil CO ₂ efflux. <i>New Phytologist</i> , 2012, 194, 647-653.	7.3	33
54	Spatial variability of soil CO ₂ efflux linked to soil parameters and ecosystem characteristics in a temperate beech forest. <i>Agricultural and Forest Meteorology</i> , 2012, 154-155, 136-146.	4.8	65

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55	Soil carbon balance in a tropical grassland: Estimation of soil respiration and its partitioning using a semi-empirical model. <i>Agricultural and Forest Meteorology</i> , 2012, 158-159, 71-79.	4.8	29
56	Soil CO ₂ concentration and efflux as affected by heavy traffic in forest in northeast France. <i>European Journal of Soil Science</i> , 2012, 63, 261-271.	3.9	27
57	The moisture response of soil heterotrophic respiration: interaction with soil properties. <i>Biogeosciences</i> , 2012, 9, 1173-1182.	3.3	224
58	Seasonal variations of belowground carbon transfer assessed by in situ ¹³ C and ¹⁴ C pulse labelling of trees. <i>Biogeosciences</i> , 2011, 8, 1153-1168.	3.3	81
59	<i>In situ</i> assessment of the velocity of carbon transfer by tracing ¹³ C in trunk CO ₂ efflux after pulse labelling: variations among tree species and seasons. <i>New Phytologist</i> , 2011, 190, 181-192.	7.3	89
60	Atmospheric phenanthrene pollution modulates carbon allocation in red clover (<i>Trifolium pratense</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	7.5	20
61	Does spatial distribution of tree size account for spatial variation in soil respiration in a tropical forest?. <i>Plant and Soil</i> , 2011, 347, 293-303.	3.7	33
62	Mesophyll conductance to CO ₂ , assessed from online TDL-AS records of ¹³ CO ₂ discrimination, displays small but significant short-term responses to CO ₂ and irradiance in <i>Eucalyptus</i> seedlings. <i>Journal of Experimental Botany</i> , 2011, 62, 5335-5346.	4.8	65
63	A cost-benefit analysis of acclimation to low irradiance in tropical rainforest tree seedlings: leaf life span and payback time for leaf deployment. <i>Journal of Experimental Botany</i> , 2011, 62, 3941-3955.	4.8	23
64	Soil respiration at mean annual temperature predicts annual total across vegetation types and biomes. <i>Biogeosciences</i> , 2010, 7, 2147-2157.	3.3	99
65	Response to canopy opening does not act as a filter to <i>Fagus sylvatica</i> and <i>Acer</i> sp. advance regeneration in a mixed temperate forest. <i>Annals of Forest Science</i> , 2010, 67, 105-105.	2.0	38
66	Growth and maintenance respiration of roots of clonal <i>Eucalyptus</i> cuttings: scaling to stand-level. <i>Plant and Soil</i> , 2010, 332, 41-53.	3.7	15
67	Separating autotrophic and heterotrophic components of soil respiration: lessons learned from trenching and related root-exclusion experiments. , 2010, , 157-168.		10
68	Within-stand and seasonal variations of specific leaf area in a clonal <i>Eucalyptus</i> plantation in the Republic of Congo. <i>Forest Ecology and Management</i> , 2010, 259, 1796-1807.	3.2	74
69	Relating MODIS vegetation index time-series with structure, light absorption and stem production of fast-growing <i>Eucalyptus</i> plantations. <i>Forest Ecology and Management</i> , 2010, 259, 1741-1753.	3.2	40
70	Hydraulic properties of naturally regenerated beech saplings respond to canopy opening. <i>Tree Physiology</i> , 2009, 29, 1395-1405.	3.1	15
71	Tracing of recently assimilated carbon in respiration at high temporal resolution in the field with a tuneable diode laser absorption spectrometer after in situ ¹³ CO ₂ pulse labelling of 20-year-old beech trees. <i>Tree Physiology</i> , 2009, 29, 1433-1445.	3.1	93
72	Seasonal and daily time course of the ¹³ C composition in soil CO ₂ efflux recorded with a tuneable diode laser spectrophotometer (TDLs). <i>Plant and Soil</i> , 2009, 318, 137-151.	3.7	57

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73	Root exclusion through trenching does not affect the isotopic composition of soil CO ₂ efflux. <i>Plant and Soil</i> , 2009, 319, 1-13.	3.7	19
74	Do tree species characteristics influence soil respiration in tropical forests? A test based on 16 tree species planted in monospecific plots. <i>Plant and Soil</i> , 2009, 319, 235-246.	3.7	62
75	Soil carbon dynamics following afforestation of a tropical savannah with <i>Eucalyptus</i> in Congo. <i>Plant and Soil</i> , 2009, 323, 309-322.	3.7	56
76	Root elongation in tropical <i>Eucalyptus</i> plantations: effect of soil water content. <i>Annals of Forest Science</i> , 2008, 65, 609-609.	2.0	28
77	Two independent estimations of stand-level root respiration on clonal <i>Eucalyptus</i> stands in Congo: up scaling of direct measurements on roots versus the trenched-plot technique. <i>New Phytologist</i> , 2008, 177, 676-687.	7.3	38
78	Impact of severe dry season on net ecosystem exchange in the Neotropical rainforest of French Guiana. <i>Global Change Biology</i> , 2008, 14, 1917-1933.	9.5	195
79	Cross-validating Sun-shade and 3D models of light absorption by a tree-crop canopy. <i>Agricultural and Forest Meteorology</i> , 2008, 148, 549-564.	4.8	30
80	Soil CO ₂ effluxes, soil carbon balance, and early tree growth following savannah afforestation in Congo: Comparison of two site preparation treatments. <i>Forest Ecology and Management</i> , 2008, 255, 1926-1936.	3.2	38
81	Relating coarse root respiration to root diameter in clonal <i>Eucalyptus</i> stands in the Republic of the Congo. <i>Tree Physiology</i> , 2008, 28, 1245-1254.	3.1	39
82	Fruit development, not GPP, drives seasonal variation in NPP in a tropical palm plantation. <i>Tree Physiology</i> , 2008, 28, 1661-1674.	3.1	44
83	Can dual chlorophyll fluorescence excitation be used to assess the variation in the content of UV-absorbing phenolic compounds in leaves of temperate tree species along a light gradient?. <i>Journal of Experimental Botany</i> , 2007, 58, 1753-1760.	4.8	41
84	Estimation of autotrophic and heterotrophic components of soil respiration by trenching is sensitive to corrections for root decomposition and changes in soil water content. <i>Plant and Soil</i> , 2007, 301, 99-110.	3.7	67
85	Partitioning energy and evapo-transpiration above and below a tropical palm canopy. <i>Agricultural and Forest Meteorology</i> , 2006, 139, 252-268.	4.8	91
86	Cross-calibration functions for soil CO ₂ efflux measurement systems. <i>Annals of Forest Science</i> , 2006, 63, 477-484.	2.0	17
87	Carbon balance of a European mountain bog at contrasting stages of regeneration. <i>New Phytologist</i> , 2006, 172, 708-718.	7.3	58
88	Soil carbon balance in a clonal <i>Eucalyptus</i> plantation in Congo: effects of logging on carbon inputs and soil CO ₂ efflux. <i>Global Change Biology</i> , 2006, 12, 1021-1031.	9.5	50
89	Spatial and seasonal variations in soil respiration in a temperate deciduous forest with fluctuating water table. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2527-2535.	8.8	78
90	Spatial variation of soil respiration across a topographic gradient in a tropical rain forest in French Guiana. <i>Journal of Tropical Ecology</i> , 2006, 22, 565-574.	1.1	118

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91	Variations of construction cost associated to leaf area renewal in saplings of two co-occurring temperate tree species (<i>Acer platanoides</i> L. and <i>Fraxinus excelsior</i> L.) along a light gradient. <i>Annals of Forest Science</i> , 2005, 62, 545-551.	2.0	23
92	Estimating the contribution of leaf litter decomposition to soil CO ₂ efflux in a beech forest using ¹³ C-depleted litter. <i>Global Change Biology</i> , 2005, 11, 1768-1776.	9.5	63
93	Contrasting responses to mycorrhizal inoculation and phosphorus availability in seedlings of two tropical rainforest tree species. <i>New Phytologist</i> , 2004, 161, 865-875.	7.3	25
94	Spatial and temporal variations of soil respiration in a Eucalyptus plantation in Congo. <i>Forest Ecology and Management</i> , 2004, 202, 149-160.	3.2	145
95	Effect of copper on growth in cucumber plants (<i>Cucumis sativus</i>) and its relationships with carbohydrate accumulation and changes in ion contents. <i>Plant Science</i> , 2004, 166, 1213-1218.	3.6	232
96	Seasonal variations and acclimation potential of the thermostability of photochemistry in four Mediterranean conifers. <i>Annals of Forest Science</i> , 2004, 61, 235-241.	2.0	48
97	Interannual variation of soil respiration in a beech forest ecosystem over a six-year study. <i>Annals of Forest Science</i> , 2004, 61, 499-505.	2.0	63
98	Exploitation of northern peatlands and biodiversity maintenance: a conflict between economy and ecology. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 525-532.	4.0	106
99	Thermal optima of photosynthetic functions and thermostability of photochemistry in cork oak seedlings. <i>Tree Physiology</i> , 2003, 23, 1031-1039.	3.1	74
100	Climatic Influences on Seasonal and Spatial Differences in Soil CO ₂ Efflux. <i>Ecological Studies</i> , 2003, , 233-253.	1.2	48
101	Measurement of Soil Respiration. <i>Ecological Studies</i> , 2003, , 37-54.	1.2	15
102	Deciduous Forests: Carbon and Water Fluxes, Balances and Ecophysiological Determinants. <i>Ecological Studies</i> , 2003, , 55-70.	1.2	9
103	Exploitation of Northern Peatlands and Biodiversity Maintenance: A Conflict between Economy and Ecology. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 525.	4.0	1
104	Effects of copper on growth and on photosynthesis of mature and expanding leaves in cucumber plants. <i>Plant Science</i> , 2002, 163, 53-58.	3.6	143
105	Productivity overshadows temperature in determining soil and ecosystem respiration across European forests. <i>Global Change Biology</i> , 2001, 7, 269-278.	9.5	843
106	Seasonal dynamics of soil carbon dioxide efflux and simulated rhizosphere respiration in a beech forest. <i>Tree Physiology</i> , 2001, 21, 145-152.	3.1	146
107	The carbon balance of a young Beech forest. <i>Functional Ecology</i> , 2000, 14, 312-325.	3.6	254
108	Effects of drought preconditioning on thermostolerance of photosystem II and susceptibility of photosynthesis to heat stress in cedar seedlings. <i>Tree Physiology</i> , 2000, 20, 1235-1241.	3.1	91

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109	Growth Responses of Common Ash Seedlings (<i>Fraxinus excelsior</i> L.) to Total and Partial Defoliation. <i>Annals of Botany</i> , 2000, 85, 317-323.	2.9	21
110	Soil CO ₂ efflux in a beech forest: comparison of two closed dynamic systems. <i>Plant and Soil</i> , 1999, 214, 125-132.	3.7	91
111	Effects of sodium chloride salinity on root growth and respiration in oak seedlings. <i>Annales Des Sciences Forestières</i> , 1999, 56, 41-47.	1.2	33
112	Soil CO ₂ efflux in a beech forest: the contribution of root respiration. <i>Annales Des Sciences Forestières</i> , 1999, 56, 289-295.	1.2	183
113	Soil CO ₂ efflux in a beech forest: dependence on soil temperature and soil water content. <i>Annales Des Sciences Forestières</i> , 1999, 56, 221-226.	1.2	183
114	Effects of drought on photosynthesis and on the thermotolerance of photosystem II in seedlings of cedar (<i>Cedrus atlantica</i> and <i>C. libani</i>). <i>Journal of Experimental Botany</i> , 1997, 48, 1835-1841.	4.8	74
115	Sweet Chestnut and Beech Saplings under Elevated CO ₂ . <i>Forestry Sciences</i> , 1997, , 15-25.	0.4	5
116	Effects of drought on photosynthesis and on the thermotolerance of photosystem II in seedlings of cedar (<i>Cedrus atlantica</i> and <i>C. libani</i>). <i>Journal of Experimental Botany</i> , 1997, 48, 1835-1841.	4.8	38
117	Growth Strategy and Tree Response to Elevated CO ₂ : A Comparison of Beech (<i>Fagus sylvatica</i>) and Sweet Chestnut (<i>Castanea sativa</i> Mill.). , 1996, , 71-86.		25
118	Starch and soluble carbohydrates in leaves of water-stressed oak saplings. <i>Annales Des Sciences Forestières</i> , 1996, 53, 263-268.	1.2	49
119	Effects of elevated CO ₂ concentration on leaf characteristics and photosynthetic capacity of beech (<i>Fagus sylvatica</i>) during the growing season. <i>Tree Physiology</i> , 1996, 16, 425-432.	3.1	68
120	In situ estimation of net CO ₂ assimilation, photosynthetic electron flow and photorespiration in Turkey oak (<i>Q. cerris</i> L.) leaves: diurnal cycles under different levels of water supply. <i>Plant, Cell and Environment</i> , 1995, 18, 631-640.	5.7	421
121	Limitation of net CO ₂ assimilation rate by internal resistances to CO ₂ transfer in the leaves of two tree species (<i>Fagus sylvatica</i> L. and <i>Castanea sativa</i> Mill.). <i>Plant, Cell and Environment</i> , 1995, 18, 43-51.	5.7	290
122	The Limitation of Net CO ₂ Assimilation Rates by the Internal Diffusion of CO ₂ in Beech Leaves (<i>Fagus</i>) Tj ETQq0 0 0 rgBT /Ovgrlock 10 T		
123	Relationship between CO ₂ -dependent O ₂ evolution and photosystem II activity in oak (<i>Quercus petraea</i>) trees grown in the field and in seedlings grown in ambient or elevated CO ₂ . <i>Tree Physiology</i> , 1994, 14, 725-733.	3.1	21
124	Long-term effects of drought on photosynthesis of adult oak trees [<i>Quercus petraea</i> (Matt.) Liebl. and <i>Quercus robur</i> L.] in a natural stand. <i>New Phytologist</i> , 1993, 125, 381-389.	7.3	166
125	Photosynthesis of oak leaves under water stress: maintenance of high photochemical efficiency of photosystem II and occurrence of non-uniform CO ₂ assimilation. <i>Tree Physiology</i> , 1993, 13, 107-117.	3.1	98
126	A comparison of photosynthetic responses to water stress in seedlings from 3 oak species: <i>Quercus petraea</i> (Matt) Liebl, <i>Q. rubra</i> L and <i>Q. cerris</i> L. <i>Annales Des Sciences Forestières</i> , 1993, 50, 48s-60s.	1.2	28

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127	Effects of severe dehydration on leaf photosynthesis in <i>Quercus petraea</i> (Matt.) Liebl.: photosystem II efficiency, photochemical and nonphotochemical fluorescence quenching and electrolyte leakage. <i>Tree Physiology</i> , 1992, 10, 273-284.	3.1	80
128	Photochemical efficiency of photosystem II in rapidly dehydrating leaves of 11 temperate and tropical tree species differing in their tolerance to drought. <i>Annales Des Sciences ForestiÃ¨res</i> , 1992, 49, 615-625.	1.2	13
129	Photosynthesis of oak trees [<i>Quercus petraea</i> (Matt.) Liebl.] during drought under field conditions: diurnal course of net CO ₂ assimilation and photochemical efficiency of photosystem II. <i>Plant, Cell and Environment</i> , 1992, 15, 809-820.	5.7	195
130	Stomatal and non stomatal limitation of photosynthesis by leaf water deficits in three oak species: a comparison of gas exchange and chlorophyll a fluorescence data. <i>Annales Des Sciences ForestiÃ¨res</i> , 1990, 47, 435-450.	1.2	69
131	A new approach to identify the climatic drivers of leaf production reconstructed from the past yearly variation in annual shoot lengths in an evergreen conifer (<i>Picea mariana</i>). <i>Trees - Structure and Function</i> , 0, , 1.	1.9	3