

A meta-analysis of elevated CO₂ effects on woody plants

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Increase in the CO ₂ exchange rate of leaves of <i>Ilex rotunda</i> with elevated atmospheric CO ₂ concentration in an urban canyon. <i>International Journal of Biometeorology</i> , 1998, 42, 16-21.	1.3	6
2	Tree and forest functioning in an enriched CO ₂ atmosphere. <i>New Phytologist</i> , 1998, 139, 395-436.	3.5	672
3	Growth and C allocation of <i>Populus tremuloides</i> genotypes in response to atmospheric CO ₂ and soil N availability. <i>New Phytologist</i> , 1998, 140, 251-260.	3.5	91
4	Temperature and ontogeny mediate growth response to elevated CO ₂ in seedlings of five boreal tree species. <i>New Phytologist</i> , 1998, 140, 197-210.	3.5	62
5	Stomata of trees growing in CO ₂ -enriched air show reduced sensitivity to vapour pressure deficit and drought. <i>Plant, Cell and Environment</i> , 1998, 21, 1077-1088.	2.8	66
6	Photosynthetic acclimation to long-term exposure to elevated CO ₂ concentration in <i>Pinus radiata</i> D. Don. is related to age of needles. <i>Plant, Cell and Environment</i> , 1998, 21, 1019-1028.	2.8	81
7	Blaming the trees: a critique of research on forest responses to high CO ₂ . <i>Trends in Ecology and Evolution</i> , 1998, 13, 427.	4.2	7
8	Elevated temperature but not elevated CO ₂ affects long-term patterns of stem diameter and height of Douglas-fir seedlings. <i>Canadian Journal of Forest Research</i> , 1998, 28, 1046-1054.	0.8	65
9	Elevated CO ₂ studies: past, present and future. <i>Tree Physiology</i> , 1999, 19, 211-220.	1.4	124
10	Photosynthetic adjustment in field-grown ponderosa pine trees after six years of exposure to elevated CO ₂ . <i>Tree Physiology</i> , 1999, 19, 221-228.	1.4	102
11	Effects of elevated atmospheric CO ₂ on phenology, growth and crown structure of Scots pine (<i>Pinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	106
12	Sex- and Habitat-Specific Responses of a High Arctic Willow, <i>Salix arctica</i> , to Experimental Climate Change. <i>Oikos</i> , 1999, 87, 129.	1.2	62
13	EARLY VS. ASYMPTOTIC GROWTH RESPONSES OF HERBACEOUS PLANTS TO ELEVATED CO ₂ . <i>Ecology</i> , 1999, 80, 1552-1567.	1.5	11
14	Long-term effects of elevated carbon dioxide concentration and provenance on four clones of Sitka spruce (<i>Picea sitchensis</i>). I. Plant growth, allocation and ontogeny. <i>Tree Physiology</i> , 1999, 19, 799-806.	1.4	41
15	Long-term effects of elevated carbon dioxide concentration and provenance on four clones of Sitka spruce (<i>Picea sitchensis</i>). II. Photosynthetic capacity and nitrogen use efficiency. <i>Tree Physiology</i> , 1999, 19, 807-814.	1.4	57
16	Early vs. Asymptotic Growth Responses of Herbaceous Plants to Elevated CO ₂ </latex>. <i>Ecology</i> , 1999, 80, 1552.	1.5	20
17	Responses to elevated temperature and CO ₂ in the perennial grass <i>Agrostis curtisii</i> in relation to population origin. <i>Functional Ecology</i> , 1999, 13, 29-37.	1.7	8
18	Effects of Free-Air CO ₂ Enrichment (FACE) on experimental grassland communities. <i>Functional Ecology</i> , 1999, 13, 38-44.	1.7	7

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19	Interactions of chronic exposure to elevated CO ₂ and O ₃ levels in the photosynthetic light and dark reactions of European beech (<i>Fagus sylvatica</i>). <i>New Phytologist</i> , 1999, 144, 95-107.	3.5	86
20	Responses of two provenances of <i>Fagus sylvatica</i> seedlings to a combination of four temperature and two CO ₂ treatments during their first growing season: gas exchange of leaves and roots. <i>New Phytologist</i> , 1999, 144, 437-454.	3.5	44
21	Tree responses to rising CO ₂ in field experiments: implications for the future forest. <i>Plant, Cell and Environment</i> , 1999, 22, 683-714.	2.8	691
22	Elevated CO ₂ enhances stomatal responses to osmotic stress and abscisic acid in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 1999, 22, 301-308.	2.8	41
23	Does elevated atmospheric CO ₂ concentration inhibit mitochondrial respiration in green plants?. <i>Plant, Cell and Environment</i> , 1999, 22, 649-657.	2.8	153
24	Effects of elevated [CO ₂] on photosynthesis in European forest species: a meta-analysis of model parameters. <i>Plant, Cell and Environment</i> , 1999, 22, 1475-1495.	2.8	415
25	First-year growth response of trees in an intact forest exposed to elevated CO ₂ . <i>Global Change Biology</i> , 1999, 5, 609-613.	4.2	14
26	Responses of wild C ₄ and C ₃ grass (<i>Poaceae</i>) species to elevated atmospheric CO ₂ concentration: a meta-analytic test of current theories and perceptions. <i>Global Change Biology</i> , 1999, 5, 723-741.	4.2	553
27	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1999, 116, 299-310.	1.1	16
28	Title is missing!. <i>Climatic Change</i> , 1999, 41, 213-248.	1.7	56
29	CO ₂ and light effects on deciduous trees: growth, foliar chemistry, and insect performance. <i>Oecologia</i> , 1999, 119, 389-399.	0.9	35
30	Opposing effects of elevated CO ₂ and N deposition on <i>Lymantria monacha</i> larvae feeding on spruce trees. <i>Oecologia</i> , 1999, 118, 210-217.	0.9	72
31	The fraction of expanding to expanded leaves determines the biomass response of <i>Populus</i> to elevated CO ₂ . <i>Oecologia</i> , 1999, 121, 193-200.	0.9	15
32	THE META-ANALYSIS OF RESPONSE RATIOS IN EXPERIMENTAL ECOLOGY. <i>Ecology</i> , 1999, 80, 1150-1156.	1.5	2,977
33	RESOLVING ECOLOGICAL QUESTIONS THROUGH META-ANALYSIS: GOALS, METRICS, AND MODELS. <i>Ecology</i> , 1999, 80, 1105-1117.	1.5	341
34	Net Primary Production of a Forest Ecosystem with Experimental CO ₂ Enrichment. <i>Science</i> , 1999, 284, 1177-1179.	6.0	460
35	Design and use of a database of model parameters from elevated [CO ₂] experiments. <i>Ecological Modelling</i> , 1999, 124, 69-83.	1.2	42
36	STATISTICAL ISSUES IN ECOLOGICAL META-ANALYSES. <i>Ecology</i> , 1999, 80, 1142-1149.	1.5	870

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37	Free-air Carbon Dioxide Enrichment (FACE) in Global Change Research: A Review. <i>Advances in Ecological Research</i> , 1999, , 1-56.	1.4	219
38	A Protein Competition Model of Phenolic Allocation. <i>Oikos</i> , 1999, 86, 27.	1.2	343
39	Effects of CO ₂ Enrichment on Trees and Forests: Lessons to be Learned in View of Future Ecosystem Studies. <i>Annals of Botany</i> , 1999, 84, 577-590.	1.4	122
40	Gas Exchange, Leaf Nitrogen, and Growth Efficiency of <i>Populus tremuloides</i> in a CO ₂ -Enriched Atmosphere. , 2000, 10, 3.		3
41	Atmospheric CO ₂ , Soil-N Availability, and Allocation of Biomass and Nitrogen by <i>Populus tremuloides</i> . , 2000, 10, 34.		3
42	Interactive Effects of Atmospheric CO ₂ and Soil-N Availability on Fine Roots of <i>Populus tremuloides</i> . , 2000, 10, 18.		7
43	Effects of Free-Air CO ₂ Enrichment (FACE) on Belowground Processes in a <i>Pinus taeda</i> Forest. , 2000, 10, 437.		9
44	Biosphere Responses to CO ₂ Enrichment. , 2000, 10, 1590.		25
45	Interactive effects of elevated CO ₂ and temperature on water transport in ponderosa pine. <i>American Journal of Botany</i> , 2000, 87, 243-249.	0.8	59
46	Diurnal regulation of photosynthesis in understory saplings. <i>New Phytologist</i> , 2000, 145, 39-49.	3.5	52
47	Effects of tree size and temperature on relative growth rate and its components of <i>Fagus sylvatica</i> seedlings exposed to two partial pressures of atmospheric [CO ₂]. <i>New Phytologist</i> , 2000, 146, 415-425.	3.5	34
48	Growth responses of <i>Quercus petraea</i> , <i>Fraxinus excelsior</i> and <i>Pinus sylvestris</i> to elevated carbon dioxide, ozone and water supply. <i>New Phytologist</i> , 2000, 146, 437-451.	3.5	91
49	Elevated CO ₂ and conifer roots: effects on growth, life span and turnover. <i>New Phytologist</i> , 2000, 147, 87-103.	3.5	137
50	Elevated atmospheric CO ₂ , fine roots and the response of soil microorganisms: a review and hypothesis. <i>New Phytologist</i> , 2000, 147, 201-222.	3.5	413
51	Competition in the regeneration niche between conifers and angiosperms: Bond's slow seedling hypothesis. <i>Functional Ecology</i> , 2000, 14, 401-412.	1.7	52
52	Tree seedling responses to in situ CO ₂ -enrichment differ among species and depend on understory light availability. <i>Global Change Biology</i> , 2000, 6, 213-226.	4.2	75
53	Climate-driven changes in biomass allocation in pines. <i>Global Change Biology</i> , 2000, 6, 587-593.	4.2	161
54	Effects of elevated CO ₂ and temperature-grown red and sugar maple on gypsy moth performance. <i>Global Change Biology</i> , 2000, 6, 685-695.	4.2	68

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55	Allocation responses to CO ₂ enrichment and defoliation by a native annual plant <i>Heterotheca subaxillaris</i> . <i>Global Change Biology</i> , 2000, 6, 767-778.	4.2	12
56	Consequences of CO ₂ and light interactions for leaf phenology, growth, and senescence in <i>Quercus rubra</i> . <i>Global Change Biology</i> , 2000, 6, 877-887.	4.2	35
57	A proposed CO ₂ -controlled mechanism of woody plant invasion in grasslands and savannas. <i>Global Change Biology</i> , 2000, 6, 865-869.	4.2	422
58	Biomass allocation in old-field annual species grown in elevated CO ₂ environments: no evidence for optimal partitioning. <i>Global Change Biology</i> , 2000, 6, 855-863.	4.2	51
59	Growth in elevated CO ₂ protects photosynthesis against high-temperature damage. <i>Plant, Cell and Environment</i> , 2000, 23, 649-656.	2.8	132
60	Effects of lifelong [CO ₂] enrichment on carboxylation and light utilization of <i>Quercus pubescens</i> Willd. examined with gas exchange, biochemistry and optical techniques. <i>Plant, Cell and Environment</i> , 2000, 23, 1353-1362.	2.8	75
61	Stomatal limitation of photosynthesis in winter production of greenhouse tomato plants. <i>Physiologia Plantarum</i> , 2000, 110, 558-564.	2.6	12
62	Effects of elevated atmospheric CO ₂ and temperature on leaf optical properties in <i>Acer saccharum</i> . <i>Environmental and Experimental Botany</i> , 2000, 43, 267-273.	2.0	49
63	Nitrogen resorption in senescing tree leaves in a warmer, CO ₂ -enriched atmosphere. <i>Plant and Soil</i> , 2000, 224, 15-29.	1.8	133
64	Title is missing!. <i>Plant and Soil</i> , 2000, 224, 153-170.	1.8	37
65	Title is missing!. <i>Plant and Soil</i> , 2000, 224, 135-152.	1.8	36
66	Photosynthetic responses to CO ₂ enrichment of four hardwood species in a forest understory. <i>Oecologia</i> , 2000, 122, 11-19.	0.9	66
67	Combined effects of atmospheric CO ₂ and N availability on the belowground carbon and nitrogen dynamics of aspen mesocosms. <i>Oecologia</i> , 2000, 124, 432-445.	0.9	85
68	Third Millennium Forestry: What climate change might mean to forests and forest management in Ontario. <i>Forestry Chronicle</i> , 2000, 76, 445-463.	0.5	65
69	Applicability of Montreal Process Criterion 5 "maintenance of rangeland contribution to global carbon cycles. <i>International Journal of Sustainable Development and World Ecology</i> , 2000, 7, 138-149.	3.2	0
70	BIOSPHERE RESPONSES TO CO ₂ ENRICHMENT. , 2000, 10, 1590-1619.		130
71	Leaf photosynthetic characteristics of beech (<i>Fagus sylvatica</i>) saplings during three years of exposure to elevated CO ₂ concentration. <i>Tree Physiology</i> , 2000, 20, 239-247.	1.4	31
72	Interaction of nutrient limitation and elevated CO ₂ concentration on carbon assimilation of a tropical tree seedling (<i>Cedrela odorata</i>). <i>Tree Physiology</i> , 2000, 20, 977-986.	1.4	25

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73	GAS EXCHANGE, LEAF NITROGEN, AND GROWTH EFFICIENCY OF POPULUS TREMULOIDES IN A CO ₂ -ENRICHED ATMOSPHERE. , 2000, 10, 3-17.		42
74	Effects of season, needle age and elevated atmospheric CO ₂ on photosynthesis in Scots pine (<i>Pinus</i>) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	101
75	THE CARBON BALANCE OF THE TERRESTRIAL BIOSPHERE: ECOSYSTEM MODELS AND ATMOSPHERIC OBSERVATIONS. , 2000, 10, 1553-1573.		126
76	ATMOSPHERIC CO ₂ , SOIL-N AVAILABILITY, AND ALLOCATION OF BIOMASS AND NITROGEN BY POPULUS TREMULOIDES. , 2000, 10, 34-46.		37
77	Genotypic variation in physiological and growth responses of <i>Populus tremuloides</i> to elevated atmospheric CO ₂ concentration. <i>Tree Physiology</i> , 2000, 20, 1019-1028.	1.4	41
78	Atmospheric CO ₂ and mycorrhiza effects on biomass allocation and nutrient uptake of nodulated pea (<i>Pisum sativum</i> L.) plants. <i>Journal of Experimental Botany</i> , 2000, 51, 1931-1938.	2.4	88
79	Effect of elevated [CO ₂] and varying nutrient application rates on physiology and biomass accumulation of Sitka spruce (<i>Picea sitchensis</i>). <i>Tree Physiology</i> , 2000, 20, 421-434.	1.4	65
80	Above- and Below-ground Production of Young Scots Pine (<i>Pinus sylvestris</i> L.) Trees after Three Years of Growth in the Field under Elevated CO ₂ . <i>Annals of Botany</i> , 2000, 85, 789-798.	1.4	34
81	Compensatory Roles of Nitrogen Uptake and Photosynthetic N-use Efficiency in Determining Plant Growth Response to Elevated CO ₂ : Evaluation Using a Functional Balance Model. <i>Annals of Botany</i> , 2000, 86, 723-730.	1.4	34
82	Growth, nutrition, and water relations of ponderosa pine in a field soil as influenced by long-term exposure to elevated atmospheric CO ₂ . <i>Forest Ecology and Management</i> , 2000, 137, 1-11.	1.4	20
83	Soil nematodes indicate food web responses to elevated atmospheric CO ₂ . <i>Pedobiologia</i> , 2000, 44, 725-735.	0.5	52
84	The Interaction between Competition and Predation: A Meta-analysis of Field Experiments. <i>American Naturalist</i> , 2000, 155, 435-453.	1.0	374
85	Rising CO ₂ and pollen production of common ragweed (<i>Ambrosia artemisiifolia</i> L.), a known allergy-inducing species: implications for public health.. <i>Functional Plant Biology</i> , 2000, 27, 893.	1.1	75
86	Interactions of Elevated CO ₂ and Nitrogen Fertilization: Effects on Production of <i>Bacillus thuringiensis</i> Toxins in Transgenic Plants. <i>Environmental Entomology</i> , 2000, 29, 781-787.	0.7	38
87	Source-sink relations affect growth but not the allocation pattern of birch (<i>Betula pendula</i> Roth) seedlings under elevated [CO ₂]. <i>Plant Biosystems</i> , 2000, 134, 31-37.	0.8	5
88	EFFECTS OF FREE-AIR CO ₂ ENRICHMENT (FACE) ON BELOWGROUND PROCESSES IN A PINUS TAEDA FOREST. , 2000, 10, 437-448.		48
89	INTERACTIVE EFFECTS OF ATMOSPHERIC CO ₂ AND SOIL-N AVAILABILITY ON FINE ROOTS OF POPULUS TREMULOIDES. , 2000, 10, 18-33.		67
90	Soil CO ₂ dynamics, acidification, and chemical weathering in a temperate forest with experimental CO ₂ enrichment. <i>Global Biogeochemical Cycles</i> , 2001, 15, 149-162.	1.9	267

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92	FIRE EFFECTS ON NITROGEN POOLS AND DYNAMICS IN TERRESTRIAL ECOSYSTEMS: A META-ANALYSIS. , 2001, 11, 1349-1365.		483
93	FOREST LITTER PRODUCTION, CHEMISTRY, AND DECOMPOSITION FOLLOWING TWO YEARS OF FREE-AIR CO ₂ ENRICHMENT. <i>Ecology</i> , 2001, 82, 470-484.	1.5	62
94	Interactive effects of soil temperature, atmospheric carbon dioxide and soil N on root development, biomass and nutrient uptake of winter wheat during vegetative growth. <i>Journal of Experimental Botany</i> , 2001, 52, 1913-1923.	2.4	82
95	Effects of Prolonged Darkness on the Sensitivity of Leaf Respiration to Carbon Dioxide Concentration in C ₃ and C ₄ Species. <i>Annals of Botany</i> , 2001, 87, 463-468.	1.4	9
96	Developing Multisite Dynamic Models of Mixed Species Plant Communities. <i>Annals of Botany</i> , 2001, 88, 703-712.	1.4	20
97	Comparison of boreal ecosystem model sensitivity to variability in climate and forest site parameters. <i>Journal of Geophysical Research</i> , 2001, 106, 33671-33687.	3.3	58
98	Global change and the mulga woodlands of southwest Queensland: greenhouse gas emissions, impacts, and adaptation. <i>Environment International</i> , 2001, 27, 161-166.	4.8	61
99	Effects of forest management on soil C and N storage: meta analysis. <i>Forest Ecology and Management</i> , 2001, 140, 227-238.	1.4	1,093
100	Climate change and site: relevant mechanisms and modeling techniques. <i>Forest Ecology and Management</i> , 2001, 150, 241-257.	1.4	34
101	Growth and yield responses of spring wheat (<i>Triticum aestivum</i> L. cv. Minaret) to elevated CO ₂ and water limitation. <i>Environmental Pollution</i> , 2001, 114, 187-194.	3.7	65
102	The likely impact of rising atmospheric CO ₂ on natural and managed <i>Populus</i> : a literature review. <i>Environmental Pollution</i> , 2001, 115, 335-358.	3.7	77
103	Limitations and perspectives about scaling ozone impacts in trees – Talk and paper for: IUFRO 7.04.00 Conference, “Air Pollution, Global Change and Forests in the New Millennium.” 19th International Meeting for Specialists in Air Pollution Effects on Forest Ecosystems, 28–31 May 2000, Michigan Technological University, Houghton, Michigan, USA.. <i>Environmental Pollution</i> , 2001, 115, 373-393.	3.7	152
104	Consequences of elevated carbon dioxide and ozone for foliar chemical composition and dynamics in trembling aspen (<i>Populus tremuloides</i>) and paper birch (<i>Betula papyrifera</i>). <i>Environmental Pollution</i> , 2001, 115, 395-404.	3.7	113
105	Meta-analysis of the interaction between shade-tolerance, light environment and growth response of woody species to elevated CO ₂ . <i>Acta Oecologica</i> , 2001, 22, 61-69.	0.5	59
106	From Plant to Soil. , 2001, , 83-99.		8
107	Water, Nitrogen, Rising Atmospheric CO ₂ , and Terrestrial Productivity. , 2001, , 123-167.		13
109	Root system adjustments: regulation of plant nutrient uptake and growth responses to elevated CO ₂ . <i>Oecologia</i> , 2001, 126, 305-320.	0.9	115

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110	Modeling dynamic understory photosynthesis of contrasting species in ambient and elevated carbon dioxide. <i>Oecologia</i> , 2001, 126, 487-499.	0.9	43
111	A meta-analysis of plant field studies simulating stratospheric ozone depletion. <i>Oecologia</i> , 2001, 127, 1-10.	0.9	430
112	Elevated CO ₂ , litter chemistry, and decomposition: a synthesis. <i>Oecologia</i> , 2001, 127, 153-165.	0.9	400
113	Fine-root biomass and fluxes of soil carbon in young stands of paper birch and trembling aspen as affected by elevated atmospheric CO ₂ and tropospheric O ₃ . <i>Oecologia</i> , 2001, 128, 237-250.	0.9	163
114	Photosynthesis in an invasive grass and native forb at elevated CO ₂ during an El Niño year in the Mojave Desert. <i>Oecologia</i> , 2001, 128, 193-201.	0.9	63
115	The growth response of plants to elevated CO ₂ under non-optimal environmental conditions. <i>Oecologia</i> , 2001, 129, 1-20.	0.9	188
116	The effect of elevated CO ₂ and temperature on the secondary chemistry of <i>Betula pendula</i> seedlings. <i>Trees - Structure and Function</i> , 2001, 15, 378-384.	0.9	89
117	Elevated [CO ₂] and nutrient status modified leaf phenology and growth rhythm of young <i>Populus trichocarpa</i> trees in a 3-year field study. <i>Trees - Structure and Function</i> , 2001, 15, 403-413.	0.9	78
118	Gas exchange and photosynthetic acclimation over subambient to elevated CO ₂ in a C ₃ -C ₄ grassland. <i>Global Change Biology</i> , 2001, 7, 693-707.	4.2	129
119	The influence of elevated atmospheric CO ₂ on fine root dynamics in an intact temperate forest. <i>Global Change Biology</i> , 2001, 7, 829-837.	4.2	39
120	Effects of elevated CO ₂ on five plant-aphid interactions. <i>Entomologia Experimentalis Et Applicata</i> , 2001, 99, 87-96.	0.7	110
121	Effects of elevated CO ₂ on the foliar chemistry of seedlings of two rainforest trees from north-east Australia: Implications for folivorous marsupials. <i>Austral Ecology</i> , 2001, 26, 165-172.	0.7	60
122	Effects of elevated atmospheric carbon dioxide on insect-plant interactions. <i>Agricultural and Forest Entomology</i> , 2001, 3, 153-159.	0.7	134
123	Effects of <i>Elatobium abietinum</i> on nutrient fluxes in Sitka spruce canopies receiving elevated nitrogen and sulphur deposition. <i>Agricultural and Forest Entomology</i> , 2001, 3, 253-261.	0.7	13
124	Stomatal conductance of forest species after long-term exposure to elevated CO ₂ concentration: a synthesis. <i>New Phytologist</i> , 2001, 149, 247-264.	3.5	621
125	Nitrogen and ectomycorrhizal fungal communities: what we know, what we need to know. <i>New Phytologist</i> , 2001, 149, 156-158.	3.5	48
126	Increasing atmospheric CO ₂ and stomata. <i>New Phytologist</i> , 2001, 149, 154-156.	3.5	36
127	Allometric determination of tree growth in a CO ₂ -enriched sweetgum stand. <i>New Phytologist</i> , 2001, 150, 477-487.	3.5	155

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128	Leaf conductance decreased under free-air CO ₂ enrichment (FACE) for three perennials in the Nevada desert. <i>New Phytologist</i> , 2001, 150, 449-458.	3.5	29
129	Nitrogen fertilization and developmental stage alter the response of <i>Lolium perenne</i> to elevated CO ₂ . <i>New Phytologist</i> , 2001, 150, 347-358.	3.5	62
130	Do species and functional groups differ in acquisition and use of C, N and water under varying atmospheric CO ₂ and N availability regimes? A field test with 16 grassland species. <i>New Phytologist</i> , 2001, 150, 435-448.	3.5	240
131	Elevated CO ₂ and nitrogen supply alter leaf longevity of grassland species. <i>New Phytologist</i> , 2001, 150, 397-403.	3.5	34
132	Direct inhibition of leaf dark respiration by elevated CO ₂ is minor in 12 grassland species. <i>New Phytologist</i> , 2001, 150, 419-424.	3.5	39
133	Gender-specific responses of <i>Populus tremuloides</i> to atmospheric CO ₂ enrichment. <i>New Phytologist</i> , 2001, 150, 675-684.	3.5	50
134	No photosynthetic down-regulation in sweetgum trees (<i>Liquidambar styraciflua</i> L.) after three years of CO ₂ enrichment at the Duke Forest FACE experiment. <i>Plant, Cell and Environment</i> , 2001, 24, 53-64.	2.8	91
135	Stomatal acclimation to increased CO ₂ concentration in a Florida scrub oak species <i>Quercus myrtifolia</i> Willd. <i>Plant, Cell and Environment</i> , 2001, 24, 77-88.	2.8	40
136	Seasonal patterns of photosynthesis in Douglas fir seedlings during the third and fourth year of exposure to elevated CO ₂ and temperature. <i>Plant, Cell and Environment</i> , 2001, 24, 539-548.	2.8	71
137	Interactive effects of increased temperature and CO ₂ on the growth of <i>Quercus myrsinaefolia</i> saplings. <i>Plant, Cell and Environment</i> , 2001, 24, 1007-1019.	2.8	27
138	Crown carbon gain and elevated [CO ₂] responses of understory saplings with differing allometry and architecture. <i>Functional Ecology</i> , 2001, 15, 263-273.	1.7	24
139	Chemistry and decomposition of litter from <i>Populus tremuloides</i> Michaux grown at elevated atmospheric CO ₂ and varying N availability. <i>Global Change Biology</i> , 2001, 7, 65-74.	4.2	38
140	Primary productivity of planet earth: biological determinants and physical constraints in terrestrial and aquatic habitats. <i>Global Change Biology</i> , 2001, 7, 849-882.	4.2	281
141	Direct and indirect effects of elevated CO ₂ on leaf respiration in a forest ecosystem. <i>Plant, Cell and Environment</i> , 2001, 24, 975-982.	2.8	90
142	Photosynthesis, light and nitrogen relationships in a young deciduous forest canopy under open-air CO ₂ enrichment. <i>Plant, Cell and Environment</i> , 2001, 24, 1257-1268.	2.8	57
143	Regenerating temperate forests under elevated CO ₂ and nitrogen deposition: comparing biochemical and stomatal limitation of photosynthesis. <i>New Phytologist</i> , 2001, 152, 249-266.	3.5	40
144	Elevated atmospheric CO ₂ alters root symbiont community structure in forest trees. <i>New Phytologist</i> , 2001, 152, 431-442.	3.5	65
145	Leaf dark respiration as a function of canopy position in <i>Nothofagus fusca</i> trees grown at ambient and elevated CO ₂ partial pressures for 5 years. <i>Functional Ecology</i> , 2001, 15, 497-505.	1.7	52

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252	Response of terrestrial carbon uptake to climate interannual variability in China. <i>Global Change Biology</i> , 2003, 9, 536-546.	4.2	157
253	The input and fate of new C in two forest soils under elevated CO ₂ . <i>Global Change Biology</i> , 2003, 9, 862-872.	4.2	83

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273	Leaf senescence and late-season net photosynthesis of sun and shade leaves of overstory sweetgum (<i>Liquidambar styraciflua</i>) grown in elevated and ambient carbon dioxide concentrations. <i>Tree Physiology</i> , 2003, 23, 109-118.	1.4	72
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288	Elevated CO ₂ alters birch resistance to <i>Lagomorpha</i> herbivores. <i>Global Change Biology</i> , 2004, 10, 1402-1413.	4.2	37
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895	The sweet side of global change—dynamic responses of non-structural carbohydrates to drought, elevated CO ₂ and nitrogen fertilization in tree species. <i>Tree Physiology</i> , 2018, 38, 1706-1723.	1.4	51
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