

A meta-analysis of the response of soil respiration, net primary productivity, and aboveground plant growth to experimental ecosystem manipulations

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Soil Carbon Storage Response to Temperature: an Hypothesis. <i>Annals of Botany</i> , 2001, 87, 591-598.	1.4	143
2	Modelling effects of acid deposition and climate change on soil and run-off chemistry at Risdalsheia, Norway. <i>Hydrology and Earth System Sciences</i> , 2001, 5, 487-498.	1.9	12
3	Aboveground Growth and Competition in Forest Gap Models: An Analysis for Studies of Climatic Change. <i>Climatic Change</i> , 2001, 51, 415-447.	1.7	48
4	Acclimatization of soil respiration to warming in a tall grass prairie. <i>Nature</i> , 2001, 413, 622-625.	13.7	1,048
5	Matter of time on the prairie. <i>Nature</i> , 2001, 413, 578-579.	13.7	21
6	Global change and arctic ecosystems: is lichen decline a function of increases in vascular plant biomass?. <i>Journal of Ecology</i> , 2001, 89, 984-994.	1.9	360
7	Toward a Synthesis of the Newtonian and Darwinian Worldviews. <i>Physics Today</i> , 2002, 55, 29-34.	0.3	147
8	Plant distribution pattern across the forest-tundra ecotone: The importance of treeline position. <i>Ecoscience</i> , 2002, 9, 375-385.	0.6	35
9	Response of an allergenic species, <i>Ambrosia psilostachya</i> (Asteraceae), to experimental warming and clipping: implications for public health. <i>American Journal of Botany</i> , 2002, 89, 1843-1846.	0.8	71
10	Impact of doubled CO ₂ on global-scale leaf area index and evapotranspiration: Conflicting stomatal conductance and LAI responses. <i>Journal of Geophysical Research</i> , 2002, 107, ACL 30-1.	3.3	79
11	Microbial activity discovered in previously ice-entombed Arctic ecosystems. <i>Eos</i> , 2002, 83, 281.	0.1	9
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14	Temperature controls of microbial respiration in arctic tundra soils above and below freezing. <i>Soil Biology and Biochemistry</i> , 2002, 34, 1785-1795.	4.2	427
15	A process-based model of conifer forest structure and function with special emphasis on leaf lifespan. <i>Global Biogeochemical Cycles</i> , 2002, 16, 44-1-44-23.	1.9	11
16	Integrated forestry assessments for climate change impacts. <i>Forest Ecology and Management</i> , 2002, 162, 117-136.	1.4	37
17	Climate change in the Arctic: using plant functional types in a meta-analysis of field experiments. <i>Functional Ecology</i> , 2002, 16, 4-17.	1.7	279
18	Changes in microclimate induced by experimental warming and clipping in tallgrass prairie. <i>Global Change Biology</i> , 2002, 8, 754-768.	4.2	262

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20	How do nutrients and warming impact on plant communities and their insect herbivores? A 9-year study from a sub-Arctic heath. <i>Journal of Ecology</i> , 2002, 90, 544-556.	1.9	136
21	Temperature response of parameters of a biochemically based model of photosynthesis. I. Seasonal changes in mature maritime pine (<i>Pinus pinaster</i> Ait.). <i>Plant, Cell and Environment</i> , 2002, 25, 1155-1165.	2.8	208
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27	Thermal acclimation of leaf and root respiration: an investigation comparing inherently fast- and slow-growing plant species. <i>Global Change Biology</i> , 2003, 9, 895-910.	4.2	247
28	Global terrestrial carbon storage and uncertainties in its temperature sensitivity examined with a simple model. <i>Global Change Biology</i> , 2003, 9, 1333-1352.	4.2	125
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30	Can soil temperature direct the composition of high arctic plant communities?. <i>Journal of Vegetation Science</i> , 2003, 14, 535-542.	1.1	41
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34	Small-scale spatial variation in soil CO ₂ efflux in a Mediterranean semiarid steppe. <i>Applied Soil Ecology</i> , 2003, 23, 199-209.	2.1	148
35	Whole-seedling biomass allocation, leaf area, and tissue chemistry for Douglas-fir exposed to elevated CO ₂ and temperature for 4 years. <i>Canadian Journal of Forest Research</i> , 2003, 33, 269-278.	0.8	56
36	PLANT COMMUNITY MEDIATED VS. NUTRITIONAL CONTROLS ON LITTER DECOMPOSITION RATES IN GRASSLANDS. <i>Ecology</i> , 2003, 84, 3198-3208.	1.5	77

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38	Detecting Change in Forest Floor Carbon. <i>Soil Science Society of America Journal</i> , 2003, 67, 1583-1593.	1.2	92
39	Reconciling apparent inconsistencies in estimates of terrestrial CO ₂ sources and sinks. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 55, 345.	0.8	13
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1103	Attaining whole-ecosystem warming using air and deep-soil heating methods with an elevated CO ₂ atmosphere. <i>Biogeosciences</i> , 2017, 14, 861-883.	1.3	115
1104	Effects of carbon turnover time on terrestrial ecosystem carbon storage. <i>Biogeosciences</i> , 2017, 14, 5441-5454.	1.3	28
1105	Precipitation alters temperature effects on ecosystem respiration in Tibetan alpine meadows. <i>Agricultural and Forest Meteorology</i> , 2018, 252, 121-129.	1.9	35

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1109	Elevated CO ₂ and water addition enhance nitrogen turnover in grassland plants with implications for temporal stability. <i>Ecology Letters</i> , 2018, 21, 674-682.	3.0	20
1110	Elevated CO ₂ induces substantial and persistent declines in forage quality irrespective of warming in mixedgrass prairie. <i>Ecological Applications</i> , 2018, 28, 721-735.	1.8	67
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1118	Long-term simulation of temporal change of soil organic carbon in Denmark: comparison of three model performances under climate change. <i>Journal of Agricultural Science</i> , 2018, 156, 139-150.	0.6	13
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1120	Transpiration Dominates Ecosystem Water Use Efficiency in Response to Warming in an Alpine Meadow. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 453-462.	1.3	44
1121	Warming Increased Nitrogen Availability and Tree Growth During the Last Five Decades as Revealed by Annual Ring Data of <i>Pinus merkusii</i> in Central Vietnam. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 416-425.	0.6	1
1122	Soil temperature effects on the structure and diversity of plant and invertebrate communities in a natural warming experiment. <i>Journal of Animal Ecology</i> , 2018, 87, 634-646.	1.3	47
1123	Long-term deepened snow promotes tundra evergreen shrub growth and summertime ecosystem net CO ₂ gain but reduces soil carbon and nutrient pools. <i>Global Change Biology</i> , 2018, 24, 3508-3525.	4.2	39

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1126	Geographical and experimental contexts modulate the effect of warming on top-down control: a meta-analysis. <i>Ecology Letters</i> , 2018, 21, 455-466.	3.0	32
1127	Ecosystem nitrogen retention is regulated by plant community trait interactions with nutrient status in an alpine meadow. <i>Journal of Ecology</i> , 2018, 106, 1570-1581.	1.9	19
1128	The influence of abiotic factors on the growth of two vascular plant species (<i>Saxifraga oppositifolia</i>) and <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.2	25
1129	Effects of temperature, soil substrate, and microbial community on carbon mineralization across three climatically contrasting forest sites. <i>Ecology and Evolution</i> , 2018, 8, 879-891.	0.8	37
1130	Long-term changes (1990–2015) in the atmospheric deposition and runoff water chemistry of sulphate, inorganic nitrogen and acidity for forested catchments in Europe in relation to changes in emissions and hydrometeorological conditions. <i>Science of the Total Environment</i> , 2018, 625, 1129-1145.	3.9	72
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1138	Effect of experimental warming on nitrogen uptake by winter wheat under conventional tillage versus no-till systems. <i>Soil and Tillage Research</i> , 2018, 180, 116-125.	2.6	19
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1140	Short-term responses to warming vary between native vs. exotic species and with latitude in an early successional plant community. <i>Oecologia</i> , 2018, 187, 333-342.	0.9	7
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1143	Growing season warming and winter freeze-thaw cycles reduce root nitrogen uptake capacity and increase soil solution nitrogen in a northern forest ecosystem. <i>Biogeochemistry</i> , 2018, 137, 337-349.	1.7	45
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1167	Response of Plant Growth and Biomass Accumulation to Short-Term Experimental Warming in a Highland Barley System of the Tibet. <i>Journal of Resources and Ecology</i> , 2018, 9, 203-208.	0.2	2
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1271	Coupled carbon and nitrogen losses in response to seven years of chronic warming in subarctic soils. <i>Soil Biology and Biochemistry</i> , 2019, 134, 152-161.	4.2	25
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1352	Effect of plant hedgerows on agricultural non-point source pollution: a meta-analysis. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24831-24847.	2.7	7
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