

HÃƒƒkan Pleijel

List of Publications by Year in descending order

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139
papers

7,074
citations

57719

44
h-index

69214

77
g-index

140
all docs

140
docs citations

140
times ranked

5472
citing authors

#	ARTICLE	IF	CITATIONS
1	Ozone risk for vegetation in the future climate of Europe based on stomatal ozone uptake calculations. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 63, 174.	0.8	40
2	Polycyclic aromatic hydrocarbon (PAH) accumulation in <i>Quercus palustris</i> and <i>Pinus nigra</i> in the urban landscape of Gothenburg, Sweden. <i>Science of the Total Environment</i> , 2022, 805, 150163.	3.9	14
3	Benefits of the Phytotoxic Ozone Dose (POD) index in dose-response functions for wheat yield loss. <i>Atmospheric Environment</i> , 2022, 268, 118797.	1.9	16
4	Yield Response of an Ensemble of Potato Crop Models to Elevated CO ₂ in Continental Europe. <i>European Journal of Agronomy</i> , 2021, 126, 126265.	1.9	6
5	Letter to the editor regarding Plejfel et al. 2019: Ozone sensitivity of wheat in different continents – An addendum. <i>Science of the Total Environment</i> , 2021, 773, 146335.	3.9	7
6	Harvest index and remobilization of 13 elements during wheat grain filling: Experiences from ozone experiments in China and Sweden. <i>Field Crops Research</i> , 2021, 271, 108259.	2.3	18
7	Mercury accumulation in leaves of different plant types – the significance of tissue age and specific leaf area. <i>Biogeosciences</i> , 2021, 18, 6313-6328.	1.3	17
8	Narrowing uncertainties in the effects of elevated CO ₂ on crops. <i>Nature Food</i> , 2020, 1, 775-782.	6.2	67
9	Ozone Induced Loss of Seed Protein Accumulation Is Larger in Soybean than in Wheat and Rice. <i>Agronomy</i> , 2020, 10, 357.	1.3	11
10	Ozone exposure- and flux-yield response relationships for maize. <i>Environmental Pollution</i> , 2019, 252, 1-7.	3.7	35
11	Effects of Elevated CO ₂ on Wheat Yield: Non-Linear Response and Relation to Site Productivity. <i>Agronomy</i> , 2019, 9, 243.	1.3	46
12	Nitrogen application is required to realize wheat yield stimulation by elevated CO ₂ but will not remove the CO ₂ -induced reduction in grain protein concentration. <i>Global Change Biology</i> , 2019, 25, 1868-1876.	4.2	30
13	Ozone impact on wheat in Europe, Asia and North America – A comparison. <i>Science of the Total Environment</i> , 2019, 664, 908-914.	3.9	36
14	Policy design for the Anthropocene. <i>Nature Sustainability</i> , 2019, 2, 14-21.	11.5	176
15	Ozone pollution will compromise efforts to increase global wheat production. <i>Global Change Biology</i> , 2018, 24, 3560-3574.	4.2	163
16	Effects of ground surface permeability on the growth of urban linden trees. <i>Urban Ecosystems</i> , 2018, 21, 691-696.	1.1	16
17	A unifying explanation for variation in ozone sensitivity among woody plants. <i>Global Change Biology</i> , 2018, 24, 78-84.	4.2	62
18	Current surface ozone concentrations significantly decrease wheat growth, yield and quality. <i>Science of the Total Environment</i> , 2018, 613-614, 687-692.	3.9	80

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19	A framework for assessing urban greenery's effects and valuing its ecosystem services. <i>Journal of Environmental Management</i> , 2018, 205, 274-285.	3.8	60
20	Wheat yield responses to stomatal uptake of ozone: Peak vs rising background ozone conditions. <i>Atmospheric Environment</i> , 2018, 173, 1-5.	1.9	31
21	Ozone effects on crops and consideration in crop models. <i>European Journal of Agronomy</i> , 2018, 100, 19-34.	1.9	170
22	Crop quality under rising atmospheric CO ₂ . <i>Current Opinion in Plant Biology</i> , 2018, 45, 262-267.	3.5	46
23	Closing the global ozone yield gap: Quantification and cobenefits for multistress tolerance. <i>Global Change Biology</i> , 2018, 24, 4869-4893.	4.2	163
24	Tropospheric Ozone Assessment Report: Present-day tropospheric ozone distribution and trends relevant to vegetation. <i>Elementa</i> , 2018, 6, .	1.1	212
25	Epidemiological analysis of ozone and nitrogen impacts on vegetation – Critical evaluation and recommendations. <i>Science of the Total Environment</i> , 2017, 603-604, 785-792.	3.9	29
26	Influence of urban vegetation on air pollution and noise exposure – A case study in Gothenburg, Sweden. <i>Science of the Total Environment</i> , 2017, 599-600, 1728-1739.	3.9	122
27	Fertilizer efficiency in wheat is reduced by ozone pollution. <i>Science of the Total Environment</i> , 2017, 607-608, 876-880.	3.9	30
28	The relationship between birch pollen, air pollution and weather types and their effect on antihistamine purchase in two Swedish cities. <i>Aerobiologia</i> , 2017, 33, 457-471.	0.7	31
29	Past, present and future concentrations of ground-level ozone and potential impacts on ecosystems and human health in northern Europe. <i>Science of the Total Environment</i> , 2017, 576, 22-35.	3.9	77
30	Carbon stocks and dynamics at different successional stages in an Afrotropical forest. <i>Biogeosciences</i> , 2017, 14, 1285-1303.	1.3	44
31	CO ₂ -Induced Changes in Wheat Grain Composition: Meta-Analysis and Response Functions. <i>Agronomy</i> , 2017, 7, 32.	1.3	80
32	Photochemical smog in China: scientific challenges and implications for air-quality policies. <i>National Science Review</i> , 2016, 3, 401-403.	4.6	58
33	Differential effects of ozone on photosynthesis of winter wheat among cultivars depend on antioxidative enzymes rather than stomatal conductance. <i>Science of the Total Environment</i> , 2016, 572, 404-411.	3.9	82
34	Transpiration of urban trees and its cooling effect in a high latitude city. <i>International Journal of Biometeorology</i> , 2016, 60, 159-172.	1.3	138
35	A method to assess the inter-annual weather-dependent variability in air pollution concentration and deposition based on weather typing. <i>Atmospheric Environment</i> , 2016, 126, 200-210.	1.9	19
36	Influence of atmospheric circulation patterns on urban air quality during the winter. <i>Atmospheric Pollution Research</i> , 2015, 6, 278-285.	1.8	36

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37	CO ₂ dose-response functions for wheat grain, protein and mineral yield based on FACE and open-top chamber experiments. <i>Environmental Pollution</i> , 2015, 198, 70-77.	3.7	32
38	Ozone effects on wheat grain quality – A summary. <i>Environmental Pollution</i> , 2015, 197, 203-213.	3.7	87
39	Constraints to nitrogen acquisition of terrestrial plants under elevated CO ₂ . <i>Global Change Biology</i> , 2015, 21, 3152-3168.	4.2	146
40	Air pollution dynamics and the need for temporally differentiated road pricing. <i>Transportation Research, Part A: Policy and Practice</i> , 2015, 75, 178-195.	2.0	16
41	Variation and co-variation of PM ₁₀ , particle number concentration, NO _x and NO ₂ in the urban air – Relationships with wind speed, vertical temperature gradient and weather type. <i>Atmospheric Environment</i> , 2015, 120, 317-327.	1.9	75
42	Have ozone effects on carbon sequestration been overestimated? A new biomass response function for wheat. <i>Biogeosciences</i> , 2014, 11, 4521-4528.	1.3	17
43	Declining ozone exposure of European vegetation under climate change and reduced precursor emissions. <i>Biogeosciences</i> , 2014, 11, 5269-5283.	1.3	27
44	Parameterization of Thermal Properties of Aging Secondary Organic Aerosol Produced by Photo-Oxidation of Selected Terpene Mixtures. <i>Environmental Science & Technology</i> , 2014, 48, 6168-6176.	4.6	14
45	Limited effect of urban tree vegetation on NO ₂ and O ₃ concentrations near a traffic route. <i>Environmental Pollution</i> , 2014, 189, 73-76.	3.7	57
46	An ozone response relationship for four <i>Phleum pratense</i> genotypes based on modelling of the phytotoxic ozone dose (POD). <i>Environmental and Experimental Botany</i> , 2013, 90, 70-77.	2.0	15
47	Surface Ozone in the Marine Environment – Horizontal Ozone Concentration Gradients in Coastal Areas. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	11
48	Effects of ozone on zinc and cadmium accumulation in wheat – dose-response functions and relationship with protein, grain yield, and harvest index. <i>Ecology and Evolution</i> , 2012, 2, 3186-3194.	0.8	8
49	Yield vs. Quality trade-offs for wheat in response to carbon dioxide and ozone. <i>Global Change Biology</i> , 2012, 18, 596-605.	4.2	114
50	A stomatal ozone flux-response relationship to assess ozone-induced yield loss of winter wheat in subtropical China. <i>Environmental Pollution</i> , 2012, 164, 16-23.	3.7	85
51	Updated stomatal flux and flux-effect models for wheat for quantifying effects of ozone on grain yield, grain mass and protein yield. <i>Environmental Pollution</i> , 2012, 165, 147-157.	3.7	69
52	Variation in ozone exposure in the landscape of southern Sweden with consideration of topography and coastal climate. <i>Atmospheric Environment</i> , 2012, 47, 252-260.	1.9	18
53	Yield vs. quality trade-offs for wheat in response to carbon dioxide and ozone. <i>Global Change Biology</i> , 2011, , n/a-n/a.	4.2	25
54	Reduced ozone by air filtration consistently improved grain yield in wheat. <i>Environmental Pollution</i> , 2011, 159, 897-902.	3.7	34

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55	Urban NO ₂ and NO pollution in relation to the North Atlantic Oscillation NAO. Atmospheric Environment, 2011, 45, 883-888.	1.9	18
56	New stomatal flux-based critical levels for ozone effects on vegetation. Atmospheric Environment, 2011, 45, 5064-5068.	1.9	215
57	Co-Producing Policy-Relevant Science and Science-Based Policy: The Case of Regulating Ground-Level Ozone. , 2011, , 223-250.		4
58	Observations of Ground-level Ozone and NO ₂ in Northernmost Sweden, Including the Scandian Mountain Range. Ambio, 2009, 38, 448-451.	2.8	9
59	Yield dilution of grain Zn in wheat grown in open-top chamber experiments with elevated CO ₂ and O ₃ exposure. Journal of Cereal Science, 2009, 50, 278-282.	1.8	23
60	Characteristics of NO ₂ Pollution in the City of Gothenburg, South-West Sweden—Relation to NO _x and O ₃ Levels, Photochemistry and Monitoring Location. Water, Air and Soil Pollution, 2009, 9, 15-25.	0.8	11
61	Estimates of AOT ozone indices from time-integrated ozone data and hourly air temperature measurements in southwest Sweden. Environmental Pollution, 2009, 157, 3051-3058.	3.7	10
62	Editorial. Ambio, 2009, 38, 401-401.	2.8	0
63	Evidence for Impacts of Near-ambient Ozone Concentrations on Vegetation in Southern Sweden. Ambio, 2009, 38, 425-432.	2.8	7
64	Ozone Exposure and Impacts on Vegetation in the Nordic and Baltic Countries. Ambio, 2009, 38, 402-405.	2.8	13
65	Observations of temperature and air humidity during the total solar eclipse 29 March 2006 at Side, Turkey. Meteorologische Zeitschrift, 2009, 18, 107-109.	0.5	4
66	Source—sink balance of wheat determines responsiveness of grain production to increased [CO ₂] and water supply. Agriculture, Ecosystems and Environment, 2008, 127, 215-222.	2.5	37
67	The open-top chamber impact on vapour pressure deficit and its consequences for stomatal ozone uptake. Atmospheric Environment, 2008, 42, 6513-6522.	1.9	37
68	The grain quality of spring wheat (<i>Triticum aestivum</i> L.) in relation to elevated ozone uptake and carbon dioxide exposure. European Journal of Agronomy, 2008, 28, 245-254.	1.9	65
69	Comparison of modelled and measured ozone concentrations and meteorology for a site in south-west Sweden: Implications for ozone uptake calculations. Environmental Pollution, 2008, 155, 99-111.	3.7	22
70	Concentration gradients of ozone and other trace gases in and above cereal canopies. Meteorologische Zeitschrift, 2008, 17, 187-192.	0.5	2
71	Increasing risk for negative ozone impacts on vegetation in northern Sweden. Environmental Pollution, 2007, 150, 96-106.	3.7	40
72	A synthesis of AOT ₄₀ -based response functions and critical levels of ozone for agricultural and horticultural crops. Atmospheric Environment, 2007, 41, 2630-2643.	1.9	406

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73	Ozone risk assessment for agricultural crops in Europe: Further development of stomatal flux and flux response relationships for European wheat and potato. <i>Atmospheric Environment</i> , 2007, 41, 3022-3040.	1.9	174
74	Impact of elevated O ₃ and CO ₂ exposure on potato (<i>Solanum tuberosum</i> L. cv. Bintje) tuber macronutrients (N, P, K, Mg, Ca). <i>Agriculture, Ecosystems and Environment</i> , 2007, 118, 55-64.	2.5	25
75	Evaluating the relationship between leaf chlorophyll concentration and SPAD-502 chlorophyll meter readings. <i>Photosynthesis Research</i> , 2007, 91, 37-46.	1.6	585
76	Variation in ozone concentration in relation to local climate in south-west Sweden. <i>Water, Air, and Soil Pollution</i> , 2006, 173, 339-354.	1.1	14
77	Changes in stomatal conductance and net photosynthesis during phenological development in spring wheat: implications for gas exchange modelling. <i>International Journal of Biometeorology</i> , 2006, 51, 37-48.	1.3	8
78	Differential ozone sensitivity in an old and a modern Swedish wheat cultivar grain yield and quality, leaf chlorophyll and stomatal conductance. <i>Environmental and Experimental Botany</i> , 2006, 56, 63-71.	2.0	121
79	Ozone concentration gradients and wind conditions in Norway spruce (<i>Picea abies</i>) forests in Sweden. <i>Atmospheric Environment</i> , 2006, 40, 1610-1618.	1.9	12
80	Economic Assessment of the Negative Impacts of Ozone on Crop Yields and Forest Production. A Case Study of the Estate Åstads Säteri in Southwestern Sweden. <i>Ambio</i> , 2005, 34, 32-40.	2.8	25
81	Impact of rising tropospheric ozone on potato: effects on photosynthesis, growth, productivity and yield quality. <i>Plant, Cell and Environment</i> , 2005, 28, 982-996.	2.8	46
82	New Directions: Discussion of a new generation of ozone critical levels for the protection of vegetation in Europe by Ashmore et al.. <i>Atmospheric Environment</i> , 2005, 39, 5213-5217.	1.9	10
83	Economic assessment of the negative impacts of ozone on crop yields and forest production. A case study of the estate Ostads Säteri in southwestern Sweden. <i>Ambio</i> , 2005, 34, 32-40.	2.8	2
84	On the logarithmic relationship between NO ₂ concentration and the distance from a highroad. <i>Science of the Total Environment</i> , 2004, 332, 261-264.	3.9	41
85	Relationships between ozone exposure and yield loss in European wheat and potato a comparison of concentration- and flux-based exposure indices. <i>Atmospheric Environment</i> , 2004, 38, 2259-2269.	1.9	130
86	Growth of Norway spruce (<i>Picea abies</i>) in relation to different ozone exposure indices: a synthesis. <i>Atmospheric Environment</i> , 2004, 38, 2225-2236.	1.9	18
87	Test of the short-term critical levels for acute ozone injury on plants improvements by ozone uptake modelling and the use of an effect threshold. <i>Atmospheric Environment</i> , 2004, 38, 2237-2245.	1.9	26
88	Introduction for ozone deposition special issue. <i>Atmospheric Environment</i> , 2004, 38, 2211-2212.	1.9	9
89	New Directions: A new generation of ozone critical levels for the protection of vegetation in Europe. <i>Atmospheric Environment</i> , 2004, 38, 2213-2214.	1.9	63
90	Biomass reduction of juvenile birch is more strongly related to stomatal uptake of ozone than to indices based on external exposure. <i>Atmospheric Environment</i> , 2004, 38, 4709-4719.	1.9	58

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91	The impact of tropospheric O ₃ on leaf number duration and tuber yield of the potato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 483-492.	2.5	14
92	Recovery of the Epiphytic Lichen Flora Following Air Quality Improvement in South-West Sweden. Water, Air, and Soil Pollution, 2004, 154, 203-211.	1.1	25
93	Measuring and modelling leaf diffusive conductance in juvenile silver birch, <i>Betula pendula</i> . Trees - Structure and Function, 2004, 18, 686-695.	0.9	23
94	A cumulative ozone uptake response relationship for the growth of Norway spruce saplings. Environmental Pollution, 2004, 128, 405-417.	3.7	19
95	Potato tuber sugars, starch and organic acids in relation to ozone exposure. Potato Research, 2003, 46, 67-79.	1.2	10
96	Four years of ozone exposure at high or low phosphorus reduced biomass in Norway spruce. Trees - Structure and Function, 2003, 17, 299-307.	0.9	22
97	Ozone uptake modelling and flux-response relationships an assessment of ozone-induced yield loss in spring wheat. Atmospheric Environment, 2003, 37, 475-485.	1.9	87
98	Clover as a tool for bioindication of phytotoxic ozone 5 years of experience from southern Sweden consequences for the short-term critical levels. Science of the Total Environment, 2003, 301, 205-213.	3.9	19
99	The effects of tropospheric ozone and elevated carbon dioxide on potato (<i>Solanum tuberosum</i> L. cv.) Tj ETQq1 1 0.784314 rgBT /Overlock 3.9	3.9	17
100	Impact of ozone and reduced water supply on the biomass accumulation of Norway spruce saplings. Environmental Pollution, 2002, 119, 237-244.	3.7	28
101	Elevated ozone (O ₃) alters carbohydrate metabolism during grain filling in wheat (<i>Triticum aestivum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 2.5	2.5	22
102	Effect of climatic conditions on tuber yield (<i>Solanum tuberosum</i> L.) in the European CHIP™ experiments. European Journal of Agronomy, 2002, 17, 243-255.	1.9	35
103	CO ₂ and ozone effects on canopy development of potato crops across Europe. European Journal of Agronomy, 2002, 17, 257-272.	1.9	30
104	Stomatal conductance and ozone exposure in relation to potato tuber yield results from the European CHIP programme. European Journal of Agronomy, 2002, 17, 303-317.	1.9	68
105	Impact of four years exposure to different levels of ozone, phosphorus and drought on chlorophyll, mineral nutrients, and stem volume of Norway spruce, <i>Picea abies</i> . Physiologia Plantarum, 2002, 114, 192-206.	2.6	49
106	Effects of ozone on biomass, non-structural carbohydrates and nitrogen in spring wheat with artificially manipulated source/sink ratio. Environmental and Experimental Botany, 2001, 46, 155-169.	2.0	28
107	Effects of elevated carbon dioxide, ozone and water availability on spring wheat growth and yield. Physiologia Plantarum, 2000, 108, 61-70.	2.6	39
108	Simulations of stomatal conductance and ozone uptake to Norway spruce saplings in open-top chambers. Environmental Pollution, 2000, 109, 443-451.	3.7	39

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109	An ozone flux response relationship for wheat. <i>Environmental Pollution</i> , 2000, 109, 453-462.	3.7	66
110	Phenological weighting of ozone exposures in the calculation of critical levels for wheat, bean and plantain. <i>Environmental Pollution</i> , 2000, 109, 517-524.	3.7	41
111	Rate and duration of grain filling in relation to flag leaf senescence and grain yield in spring wheat (<i>Triticum aestivum</i>) exposed to different concentrations of ozone. <i>Physiologia Plantarum</i> , 2000, 110, 366-375.	2.6	21
112	Rate and duration of grain filling in relation to flag leaf senescence and grain yield in spring wheat (<i>Triticum aestivum</i>) exposed to different concentrations of ozone. <i>Physiologia Plantarum</i> , 2000, 110, 366-375.	2.6	73
113	Effect of CO ₂ enrichment on non-structural carbohydrates in leaves, stems and ears of spring wheat. <i>Physiologia Plantarum</i> , 1999, 107, 60-67.	2.6	10
114	Response of subterranean clover (<i>Trifolium subterraneum</i>) to ozone in relation to plant age and light conditions during exposure. <i>New Phytologist</i> , 1999, 143, 315-321.	3.5	5
115	Grain protein accumulation in relation to grain yield of spring wheat (<i>Triticum aestivum</i> L.) grown in open-top chambers with different concentrations of ozone, carbon dioxide and water availability. <i>Agriculture, Ecosystems and Environment</i> , 1999, 72, 265-270.	2.5	96
116	Ozone sensitivity, growth and flower development in <i>Phleum</i> genotypes of different geographic origin in the Nordic countries. <i>Environmental and Experimental Botany</i> , 1999, 42, 41-49.	2.0	19
117	Phenological development, leaf emergence, tillering and leaf area index, and duration of spring wheat across Europe in response to CO ₂ and ozone. <i>European Journal of Agronomy</i> , 1999, 10, 171-184.	1.9	45
118	Tropospheric ozone decreases biomass production in radish plants (<i>Raphanus sativus</i>) grown in rural south-west Sweden. <i>Environmental Pollution</i> , 1999, 106, 143-147.	3.7	18
119	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 1998, 102, 61-74.	1.1	12
120	Growth stage dependence of the grain yield response to ozone in spring wheat (<i>Triticum aestivum</i> L.). <i>Agriculture, Ecosystems and Environment</i> , 1998, 70, 61-68.	2.5	91
121	Nitrous oxide emissions from a wheat field in response to elevated carbon dioxide concentration and open-top chamber enclosure. <i>Environmental Pollution</i> , 1998, 102, 167-171.	3.7	8
122	Effects of tropospheric ozone on the yield and grain protein content of spring wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 1997, 47, 20-25.	0.3	5
123	Growth of 27 herbs and grasses in relation to ozone exposure and plant strategy. <i>New Phytologist</i> , 1997, 135, 361-367.	3.5	56
124	Ozone gradients in a spruce forest stand in relation to wind speed and time of the day. <i>Atmospheric Environment</i> , 1996, 30, 4077-4084.	1.9	13
125	Exposure of a grass-clover mixture to ozone in open-top chambers effects on yield, quality and botanical composition. <i>Agriculture, Ecosystems and Environment</i> , 1996, 59, 55-62.	2.5	18
126	Gradients of ozone at a forest site and over a field crop consequences for the AOT40 concept of critical level. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 2033-2038.	1.1	21

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127	Clover Sweden ? A national three-year study of the effects of tropospheric ozone on <i>Trifolium subterraneum</i> , L. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 1503-1508.	1.1	18
128	Photochemical oxidant effects on vegetation ? Response in relation to plant strategy. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 111-122.	1.1	31
129	Clover as an indicator plant for phytotoxic ozone concentrations: visible injury in relation to species, leaf age and exposure dynamics. <i>New Phytologist</i> , 1995, 129, 355-365.	3.5	59
130	Exposure of spring wheat (<i>Triticum aestivum</i>) to ozone in open-top chambers. Effects on acyl lipid composition and chlorophyll content of flag leaves. <i>New Phytologist</i> , 1995, 131, 231-239.	3.5	45
131	A process-oriented explanation of the nonlinear relationship between grain yield of wheat and ozone exposure. <i>New Phytologist</i> , 1995, 131, 241-246.	3.5	36
132	Surface wetness enhances ozone deposition to a pasture canopy. <i>Atmospheric Environment</i> , 1995, 29, 3391-3393.	1.9	40
133	The Leaf Acyl Lipid Composition of Plants Exposed to Moderately Enhanced Levels of Ozone: Species, Age and Dose Dependence. , 1995, , 459-461.		1
134	Effects of air pollutant emissions from a rural motorway on <i>Petunia</i> and <i>Trifolium</i> . <i>Science of the Total Environment</i> , 1994, 146-147, 117-123.	3.9	17
135	Exposure of oats, <i>Avena sativa</i> L., to filtered and unfiltered air in open-top chambers: Effects on grain yield and quality. <i>Environmental Pollution</i> , 1994, 86, 129-134.	3.7	11
136	Ozone deposition to an oat crop (<i>Avena sativa</i> L.) grown in open-top chambers and in the ambient air. <i>Atmospheric Environment</i> , 1994, 28, 1971-1979.	1.9	24
137	Yield and quality of spring barley, <i>Hordeum vulgare</i> L., exposed to different concentrations of ozone in open-top chambers. <i>Agriculture, Ecosystems and Environment</i> , 1992, 38, 21-29.	2.5	18
138	Exposure of spring wheat, <i>Triticum aestivum</i> L., cv. Drabant, to different concentrations of ozone in open-top chambers: effects on the ultrastructure of flag leaf cells. <i>New Phytologist</i> , 1992, 120, 39-48.	3.5	65
139	Yield and grain quality of spring wheat (<i>Triticum aestivum</i> L., cv. Drabant) exposed to different concentrations of ozone in open-top chambers. <i>Environmental Pollution</i> , 1991, 69, 151-168.	3.7	107