

# Lucia Guidi

## List of Publications by Year in descending order

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139  
papers

6,734  
citations

61984

43  
h-index

74163

75  
g-index

141  
all docs

141  
docs citations

141  
times ranked

7088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of leaf photosynthetic performances and bioaccumulation of trace metals by lettuce leaves and strawberry fruits amended with sewage sludge: Which possible re-use in agriculture?. <i>Scientia Horticulturae</i> , 2022, 295, 110884.	3.6	3
2	Seasonal Fluctuations of Crop Yield, Total Phenolic Content and Antioxidant Activity in Fresh or Cooked Borage ( <i>Borago officinalis</i> L.), Mallow ( <i>Malva sylvestris</i> L.) and Buckâ€™s-Horn Plantain ( <i>Plantago coronopus</i> L.) Leaves. <i>Horticulturae</i> , 2022, 8, 253.	2.8	5
3	Nutritional and Antioxidant Value of Horticulturae Products. <i>Horticulturae</i> , 2022, 8, 4.	2.8	0
4	Measurements of Anthocyanin Content of Prunus Leaves Using Proximal Sensing Spectroscopy and Statistical Machine Learning. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10.	4.7	0
5	Evaluation of Major Minerals and Trace Elements in Wild and Domesticated Edible Herbs Traditionally Used in the Mediterranean Area. <i>Biological Trace Element Research</i> , 2021, 199, 3553-3561.	3.5	11
6	Effect of cut on secondary metabolite profile in hydroponically-grown <i>Rumex acetosa</i> L. seedlings: a metabolomic approach. <i>Natural Product Research</i> , 2021, 35, 4089-4093.	1.8	4
7	Unveiling the shade nature of cyanic leaves: A view from the "blue absorbing side" of anthocyanins. <i>Plant, Cell and Environment</i> , 2021, 44, 1119-1129.	5.7	31
8	First Characterization of the Formation of Anthocyaninâ€™Ge and Anthocyaninâ€™B Complexes through UVâ€™Vis Spectroscopy and Density Functional Theory Quantum Chemical Calculations. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1272-1282.	5.2	22
9	Effect of Drying Methods on Phenolic Compounds and Antioxidant Activity of <i>Urtica dioica</i> L. Leaves. <i>Horticulturae</i> , 2021, 7, 10.	2.8	27
10	Comparative phytochemical profile of the elephant garlic ( <i>Allium ampeloprasum</i> var. <i>holmense</i> ) and the common garlic ( <i>Allium sativum</i> ) from the Val di Chiana area (Tuscany, Italy) before and after in vitro gastrointestinal digestion. <i>Food Chemistry</i> , 2021, 338, 128011.	8.2	16
11	Editorial: Chlorophyll Fluorescence Imaging Analysis in Biotic and Abiotic Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 658500.	3.6	38
12	Girdling stimulates anthocyanin accumulation and promotes sugar, organic acid, amino acid level and antioxidant activity in red plum: An overview of skin and pulp metabolomics. <i>Scientia Horticulturae</i> , 2021, 280, 109907.	3.6	9
13	Antioxidant Defenses in Plants: A Dated Topic of Current Interest. <i>Antioxidants</i> , 2021, 10, 855.	5.1	9
14	Differences in the phenolic composition and nutraceutical properties of freeze dried and oven-dried wild and domesticated samples of <i>Sanguisorba minor</i> Scop. <i>LWT - Food Science and Technology</i> , 2021, 145, 111335.	5.2	6
15	Anthocyanins in photoprotection: knowing the factors in play to solve this complex ecophysiological issue. <i>New Phytologist</i> , 2021, 232, 2228-2235.	7.3	34
16	Photoprotective Role of Photosynthetic and Non-Photosynthetic Pigments in <i>Phillyrea latifolia</i> : Is Their "Antioxidant" Function Prominent in Leaves Exposed to Severe Summer Drought?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8303.	4.1	11
17	Effect of superheated steam and conventional steam roasting on nutraceutical quality of several vegetables. <i>LWT - Food Science and Technology</i> , 2021, 149, 112014.	5.2	10
18	Comparison of Three Domestications and Wild-Harvested Plants for Nutraceutical Properties and Sensory Profiles in Five Wild Edible Herbs: Is Domestication Possible?. <i>Foods</i> , 2020, 9, 1065.	4.3	24

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19	Influences of Postharvest Storage and Processing Techniques on Antioxidant and Nutraceutical Properties of <i>Rubus idaeus</i> L.: A Mini-Review. <i>Horticulturae</i> , 2020, 6, 105.	2.8	8
20	Are Flavonoids Effective Antioxidants in Plants? Twenty Years of Our Investigation. <i>Antioxidants</i> , 2020, 9, 1098.	5.1	133
21	Differential response strategies of pomegranate cultivars lead to similar tolerance to increasing salt concentrations. <i>Scientia Horticulturae</i> , 2020, 271, 109441.	3.6	13
22	Modulation of photorespiration and nitrogen recycling in Fe-deficient cucumber leaves. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 142-150.	5.8	4
23	Effect of Grafting on the Production, Physico-Chemical Characteristics and Nutritional Quality of Fruit from Pepper Landraces. <i>Antioxidants</i> , 2020, 9, 501.	5.1	16
24	Nutritional and nutraceutical properties of raw and traditionally obtained flour from chestnut fruit grown in Tuscany. <i>European Food Research and Technology</i> , 2020, 246, 1867-1876.	3.3	14
25	Suitability of Hydroponically-Grown <i>Rumex acetosa</i> L. as Fresh-Cut Produce. <i>Horticulturae</i> , 2020, 6, 4.	2.8	8
26	Bioactive Properties of Fruits and Leafy Vegetables Managed with Integrated, Organic, and Organic No-Tillage Practices in the Mediterranean Area: A Two-Year Rotation Experiment. <i>Agronomy</i> , 2020, 10, 841.	3.0	9
27	Girdled-induced anthocyanin accumulation in red-leaved <i>Prunus cerasifera</i> : Effect on photosynthesis, photoprotection and sugar metabolism. <i>Plant Science</i> , 2020, 294, 110456.	3.6	30
28	“Help is in the air” volatiles from salt-stressed plants increase the reproductive success of receivers under salinity. <i>Planta</i> , 2020, 251, 48.	3.2	24
29	Red versus green leaves: transcriptomic comparison of foliar senescence between two <i>Prunus cerasifera</i> genotypes. <i>Scientific Reports</i> , 2020, 10, 1959.	3.3	8
30	The effect of biochar amendment on the growth, morphology and physiology of <i>Quercus castaneifolia</i> seedlings under water-deficit stress. <i>European Journal of Forest Research</i> , 2019, 138, 967-979.	2.5	29
31	An integrated overview of physiological and biochemical responses of <i>Celtis australis</i> to drought stress. <i>Urban Forestry and Urban Greening</i> , 2019, 46, 126480.	5.3	8
32	Ancient apple cultivars from Garfagnana (Tuscany, Italy): A potential source for “nutrafruit”™ production. <i>Food Chemistry</i> , 2019, 294, 518-525.	8.2	26
33	Discerning between Two Tuscany (Italy) Ancient Apple cultivars, “Rotella”™ and “Casciana”™, through Polyphenolic Fingerprint and Molecular Markers. <i>Molecules</i> , 2019, 24, 1758.	3.8	2
34	Chlorophyll Fluorescence, Photoinhibition and Abiotic Stress: Does it Make Any Difference the Fact to Be a C3 or C4 Species?. <i>Frontiers in Plant Science</i> , 2019, 10, 174.	3.6	219
35	Toxicity and oviposition deterrence of essential oils of <i>Clinopodium nubigenum</i> and <i>Lavandula angustifolia</i> against the myiasis-inducing blowfly <i>Lucilia sericata</i> . <i>PLoS ONE</i> , 2019, 14, e0212576.	2.5	22
36	Seasonal and daily variations in primary and secondary metabolism of three maquis shrubs unveil different adaptive responses to Mediterranean climate. , 2019, 7, coz070.		13

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37	Hydroponically Grown <i>Sanguisorba minor</i> Scop.: Effects of Cut and Storage on Fresh-Cut Produce. <i>Antioxidants</i> , 2019, 8, 631.	5.1	15
38	When "thirsty" means "less able to activate the signalling wave triggered by a pulse of ozone": A case of study in two Mediterranean deciduous oak species with different drought sensitivity. <i>Science of the Total Environment</i> , 2019, 657, 379-390.	8.0	30
39	Living in a Mediterranean city in 2050: broadleaf or evergreen "citizens"? <i>Environmental Science and Pollution Research</i> , 2018, 25, 8161-8173.	5.3	21
40	How <i>Quercus ilex</i> L. saplings face combined salt and ozone stress: a transcriptome analysis. <i>BMC Genomics</i> , 2018, 19, 872.	2.8	15
41	Mediterranean Wild Edible Plants: Weeds or "New Functional Crops"? <i>Molecules</i> , 2018, 23, 2299.	3.8	81
42	Multiple Consequences Induced by Epidermally-Located Anthocyanins in Young, Mature and Senescent Leaves of <i>Prunus</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 917.	3.6	44
43	Change in biochemical parameters of Persian oak ( <i>Quercus brantii</i> Lindl.) seedlings inoculated by pathogens of charcoal disease under water deficit conditions. <i>Trees - Structure and Function</i> , 2018, 32, 1595-1608.	1.9	16
44	Metabolic plasticity in the hygrophyte <i>Moringa oleifera</i> exposed to water stress. <i>Tree Physiology</i> , 2018, 38, 1640-1654.	3.1	20
45	The harsh life of an urban tree: the effect of a single pulse of ozone in salt-stressed <i>Quercus ilex</i> saplings. <i>Tree Physiology</i> , 2017, 37, 246-260.	3.1	32
46	<i>Artemisia</i> spp. essential oils against the disease-carrying blowfly <i>Calliphora vomitoria</i> . <i>Parasites and Vectors</i> , 2017, 10, 80.	2.5	32
47	Dissecting molecular and physiological response mechanisms to high solar radiation in cyanic and acyanic leaves: a case study on red and green basil. <i>Journal of Experimental Botany</i> , 2017, 68, 2425-2437.	4.8	42
48	Frequently asked questions about chlorophyll fluorescence, the sequel. <i>Photosynthesis Research</i> , 2017, 132, 13-66.	2.9	419
49	Losing the Warning Signal: Drought Compromises the Cross-Talk of Signaling Molecules in <i>Quercus ilex</i> Exposed to Ozone. <i>Frontiers in Plant Science</i> , 2017, 8, 1020.	3.6	37
50	Cross-Talk between Physiological and Metabolic Adjustments Adopted by <i>Quercus cerris</i> to Mitigate the Effects of Severe Drought and Realistic Future Ozone Concentrations. <i>Forests</i> , 2017, 8, 148.	2.1	24
51	De Novo Assembly and Comparative Transcriptome Analyses of Red and Green Morphs of Sweet Basil Grown in Full Sunlight. <i>PLoS ONE</i> , 2016, 11, e0160370.	2.5	25
52	Variations in physiological and biochemical traits of oak seedlings grown under drought and ozone stress. <i>Physiologia Plantarum</i> , 2016, 157, 69-84.	5.2	68
53	Salt-tolerant rootstock increases yield of pepper under salinity through maintenance of photosynthetic performance and sinks strength. <i>Journal of Plant Physiology</i> , 2016, 193, 1-11.	3.5	88
54	UV radiation promotes flavonoid biosynthesis, while negatively affecting the biosynthesis and the de-epoxidation of xanthophylls: Consequence for photoprotection?. <i>Environmental and Experimental Botany</i> , 2016, 127, 14-25.	4.2	49

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55	Overexpression of L-galactono-1,4-lactone dehydrogenase (L-GalLDH) gene correlates with increased ascorbate concentration and reduced browning in leaves of <i>Lactuca sativa</i> L. after cutting. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 123, 109-120.	2.3	19
56	Effect of Chlorine Dioxide and Ascorbic Acid on Enzymatic Browning and Shelf Life of Fresh-Cut Red Delicious and Granny Smith Apples. <i>Journal of Food Processing and Preservation</i> , 2015, 39, 2925-2934.	2.0	31
57	Boron accumulation and tolerance in sweet basil ( <i>Ocimum basilicum</i> L.) with green or purple leaves. <i>Plant and Soil</i> , 2015, 395, 375-389.	3.7	31
58	Isoprenoids and phenylpropanoids are key components of the antioxidant defense system of plants facing severe excess light stress. <i>Environmental and Experimental Botany</i> , 2015, 119, 54-62.	4.2	107
59	Are the Physiological and Biochemical Characteristics in Dandelion Plants Growing in an Urban Area (Pisa, Italy) Indicative of Soil Pollution?. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	14
60	Isoprenoids and phenylpropanoids are part of the antioxidant defense orchestrated daily by drought-stressed <i>Platanus acerifolia</i> plants during Mediterranean summers. <i>New Phytologist</i> , 2015, 207, 613-626.	7.3	127
61	Salinity stress constrains photosynthesis in <i>Fraxinus ornus</i> more when growing in partial shading than in full sunlight: consequences for the antioxidant defence system. <i>Annals of Botany</i> , 2014, 114, 525-538.	2.9	10
62	Epidermal coumaroyl anthocyanins protect sweet basil against excess light stress: multiple consequences of light attenuation. <i>Physiologia Plantarum</i> , 2014, 152, 585-598.	5.2	77
63	Molecular and biochemical responses to wounding in mesocarp of ripe peach ( <i>Prunus persica</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock 16	6.0	16
64	Non-invasive tools to estimate stress-induced changes in photosynthetic performance in plants inhabiting Mediterranean areas. <i>Environmental and Experimental Botany</i> , 2014, 103, 42-52.	4.2	58
65	Frequently asked questions about in vivo chlorophyll fluorescence: practical issues. <i>Photosynthesis Research</i> , 2014, 122, 121-158.	2.9	585
66	Photoprotection by foliar anthocyanins mitigates effects of boron toxicity in sweet basil ( <i>Ocimum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.2	86
67	Do Sun- versus Shade-Grown Kiwifruits Perform Differently upon Storage? An Overview of Fruit Maturity and Nutraceutical Properties of Whole and Fresh-Cut Produce. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4377-4383.	5.2	9
68	Antioxidant capacity in urban soils. <i>Landscape and Urban Planning</i> , 2014, 124, 66-75.	7.5	2
69	Combined effects of cadmium and ozone on photosynthesis of <i>Lycopersicon esculentum</i> . <i>Photosynthetica</i> , 2014, 52, 179-185.	1.7	9
70	Effects of 1-ethylcyclopropene and post-harvest controlled atmosphere air storage treatments on fresh-cut Ambrosia apple slices. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 262-270.	3.5	14
71	Boron excess affects photosynthesis and antioxidant apparatus of greenhouse <i>Cucurbita pepo</i> and <i>Cucumis sativus</i> . <i>Journal of Plant Research</i> , 2013, 126, 775-786.	2.4	45
72	Image changes in chlorophyll fluorescence of cucumber leaves in response to iron deficiency and resupply. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 734-742.	1.9	20

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73	Purple versus green-leaved <i>Ocimum basilicum</i> : Which differences occur with regard to photosynthesis under boron toxicity?. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 942-951.	1.9	34
74	Role of ascorbic acid in the inhibition of polyphenol oxidase and the prevention of browning in different browning-sensitive <i>Lactuca sativa</i> var. <i>capitata</i> (L.) and <i>Eruca sativa</i> (Mill.) stored as fresh-cut produce. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1814-1819.	3.5	51
75	Antioxidant and photosynthetic response of a purple-leaved and a green-leaved cultivar of sweet basil ( <i>Ocimum basilicum</i> ) to boron excess. <i>Environmental and Experimental Botany</i> , 2013, 85, 64-75.	4.2	88
76	Drought stress has contrasting effects on antioxidant enzymes activity and phenylpropanoid biosynthesis in <i>Fraxinus ornus</i> leaves: An excess light stress affair?. <i>Journal of Plant Physiology</i> , 2012, 169, 929-939.	3.5	124
77	Chlorophyll a Fluorescence in Abiotic Stress. , 2012, , 359-398.		6
78	ANTIOXIDANT AND PHOTOSYNTHETIC RESPONSES IN PLANTS UNDER BORON TOXICITY: A REVIEW. <i>American Journal of Agricultural and Biological Science</i> , 2012, 7, 255-270.	0.4	73
79	Effects of NaCl or Na <sub>2</sub> SO <sub>4</sub> salinity on plant growth, ion content and photosynthetic activity in <i>Ocimum basilicum</i> L.. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 607-615.	2.1	39
80	Effects of Green Compost on Soil Biochemical Characteristics and Nutritive Quality of Leafy Vegetables. <i>Compost Science and Utilization</i> , 2011, 19, 114-122.	1.2	10
81	The biosynthesis of flavonoids is enhanced similarly by UV radiation and root zone salinity in <i>L. vulgare</i> leaves. <i>Journal of Plant Physiology</i> , 2011, 168, 204-212.	3.5	263
82	Effects of water stress and rootstocks on fruit phenolic composition and physical/chemical quality in Suncrest peach. <i>Annals of Applied Biology</i> , 2011, 158, 226-233.	2.5	54
83	The impact of UV-radiation on the physiology and biochemistry of <i>Ligustrum vulgare</i> exposed to different visible-light irradiance. <i>Environmental and Experimental Botany</i> , 2011, 70, 88-95.	4.2	39
84	Effects of boron on leaf chlorophyll fluorescence of greenhouse tomato grown with saline water. <i>Environmental and Experimental Botany</i> , 2011, 73, 57-63.	4.2	48
85	Ozone tolerance in <i>Phaseolus vulgaris</i> depends on more than one mechanism. <i>Environmental Pollution</i> , 2010, 158, 3164-3171.	7.5	23
86	The dominant <i>Basilicum</i> Leaf mutation of sunflower controls leaf development multifariously and modifies the photosynthetic traits. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2010, 205, 853-861.	1.2	6
87	mesophyll cell defective1, a mutation that disrupts leaf mesophyll differentiation in sunflower. <i>Photosynthetica</i> , 2010, 48, 135-142.	1.7	4
88	Interaction effects of root-zone salinity and solar irradiance on the physiology and biochemistry of <i>Olea europaea</i> . <i>Environmental and Experimental Botany</i> , 2009, 65, 210-219.	4.2	50
89	Ozone effects on carbon metabolism in sensitive and insensitive <i>Phaseolus</i> cultivars. <i>Environmental and Experimental Botany</i> , 2009, 66, 117-125.	4.2	41
90	Bioactive Compounds during Storage of Fresh-Cut Spinach: The Role of Endogenous Ascorbic Acid in the Improvement of Product Quality. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 2925-2931.	5.2	44

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91	Polygalacturonase and $\beta$ -galactosidase activities in Hayward kiwifruit as affected by light exposure, maturity stage and storage time. <i>Scientia Horticulturae</i> , 2009, 120, 342-347.	3.6	29
92	The effect of salinity on photosynthetic activity in potassium-deficient barley species. <i>Journal of Plant Physiology</i> , 2009, 166, 1968-1981.	3.5	102
93	Antioxidant defences and oxidative damage in salt-treated olive plants under contrasting sunlight irradiance. <i>Tree Physiology</i> , 2009, 29, 1187-1198.	3.1	55
94	Contrasting response mechanisms to root-zone salinity in three co-occurring Mediterranean woody evergreens: a physiological and biochemical study. <i>Functional Plant Biology</i> , 2009, 36, 551.	2.1	13
95	Antioxidant capacity, ascorbic acid, total phenols and carotenoids changes during harvest and after storage of Hayward kiwifruit. <i>Food Chemistry</i> , 2008, 107, 282-288.	8.2	264
96	Effect of nitrate fertilization and saline stress on the contents of active constituents of <i>Echinacea angustifolia</i> DC. <i>Food Chemistry</i> , 2008, 107, 1461-1466.	8.2	29
97	Effect of rootstocks and harvesting time on the nutritional quality of peel and flesh of peach fruits. <i>Food Chemistry</i> , 2008, 110, 361-367.	8.2	126
98	<i>Arabidopsis thaliana</i> MYB75/PAP1 transcription factor induces anthocyanin production in transgenic tomato plants. <i>Functional Plant Biology</i> , 2008, 35, 606.	2.1	141
99	PHENOLIC COMPOUNDS AND ANTIOXIDANT POWER IN MINIMALLY PROCESSED SALAD. <i>Journal of Food Biochemistry</i> , 2008, 32, 642-653.	2.9	32
100	Preliminary characterisation of peach cultivars for their antioxidant capacity. <i>International Journal of Food Science and Technology</i> , 2008, 43, 810-815.	2.7	44
101	CO <sub>2</sub> fixation and chlorophyll a fluorescence in leaves of <i>Ramonda serbica</i> during a dehydration-rehydration cycle. <i>Journal of Plant Physiology</i> , 2008, 165, 723-733.	3.5	44
102	Ozone effects on high light-induced photoinhibition in <i>Phaseolus vulgaris</i> . <i>Plant Science</i> , 2008, 174, 590-596.	3.6	29
103	Physiological basis of sensitivity to enzymatic browning in "lettuce"™, "escarole"™ and "rocket salad"™ when stored as fresh-cut products. <i>Food Chemistry</i> , 2007, 104, 209-215.	8.2	123
104	Effects of ozone exposure or fungal pathogen on white lupin leaves as determined by imaging of chlorophyll a fluorescence. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 851-857.	5.8	73
105	Biochemical aspects in two minimally processed lettuces upon storage. <i>International Journal of Food Science and Technology</i> , 2007, 42, 214-219.	2.7	23
106	Effects of elevated ozone on chlorophyll a fluorescence in symptomatic and asymptomatic leaves of two tomato genotypes. <i>Biologia Plantarum</i> , 2007, 51, 313-321.	1.9	22
107	Gas exchange analysis and chlorophyll a fluorescence in cotyledons of the xan1 sunflower mutant with defects in light energy utilization. <i>Environmental and Experimental Botany</i> , 2006, 56, 182-189.	4.2	1
108	On the role of flavonoids in the integrated mechanisms of response of <i>Ligustrum vulgare</i> and <i>Phillyrea latifolia</i> to high solar radiation. <i>New Phytologist</i> , 2005, 167, 457-470.	7.3	153



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109	Photosynthetic process and activities of enzymes involved in the phenylpropanoid pathway in resistant and sensitive genotypes of <i>Lycopersicon esculentum</i> L. exposed to ozone. <i>Plant Science</i> , 2005, 168, 153-160.	3.6	57
110	Biochemical Study of Leaf Browning in Minimally Processed Leaves of Lettuce ( <i>Lactuca sativa</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	5.2	176
111	Characterization of a pigment-deficient mutant of sunflower ( <i>Helianthus annuus</i> L.) with abnormal chloroplast biogenesis, reduced PS II activity and low endogenous level of abscisic acid. <i>Plant Science</i> , 2004, 167, 79-89.	3.6	40
112	CO <sub>2</sub> photoassimilation and chlorophyll fluorescence in two clover species showing different response to O <sub>3</sub> . <i>Plant Physiology and Biochemistry</i> , 2003, 41, 485-493.	5.8	22
113	Leaf Responses to Reduced Iron Availability in Two Tomato Genotypes: T3238FER (Iron Efficient) and T3238fer (Iron Inefficient). <i>Journal of Plant Nutrition</i> , 2003, 26, 2137-2148.	1.9	16
114	Characterisation of the photosynthetic response of tobacco leaves to ozone: CO <sub>2</sub> assimilation and chlorophyll fluorescence. <i>Journal of Plant Physiology</i> , 2002, 159, 845-853.	3.5	41
115	Assimilation of CO <sub>2</sub> , enzyme activation and photosynthetic electron transport in bean leaves, as affected by high light and ozone. <i>New Phytologist</i> , 2002, 156, 377-388.	7.3	43
116	Ozone response mechanisms in tobacco: implications of polyamine metabolism. <i>New Phytologist</i> , 2002, 156, 389-398.	7.3	24
117	Effect of Chronic O <sub>3</sub> Fumigation on the Activity of Some Calvin Cycle Enzymes in Two Poplar Clones. <i>Photosynthetica</i> , 2002, 40, 121-126.	1.7	27
118	Combined cadmium and ozone treatments affect photosynthesis and ascorbate dependent defences in sunflower. <i>New Phytologist</i> , 2001, 151, 627-636.	7.3	86
119	Photosynthetic Activity of Ripening Tomato Fruit. <i>Photosynthetica</i> , 2001, 39, 75-78.	1.7	74
120	Effects of high light and ozone fumigation on photosynthesis in <i>Phaseolus vulgaris</i> . <i>Plant Physiology and Biochemistry</i> , 2000, 38, 717-725.	5.8	52
121	The influence of chilling on photosynthesis and activities of some enzymes of sucrose metabolism in <i>Lycopersicon esculentum</i> Mill. <i>Acta Physiologiae Plantarum</i> , 2000, 22, 95-101.	2.1	18
122	Quenching analysis in poplar clones exposed to ozone. <i>Tree Physiology</i> , 1999, 19, 607-612.	3.1	24
123	Effects of cadmium on growth of <i>Helianthus annuus</i> seedlings: physiological aspects. <i>New Phytologist</i> , 1999, 144, 65-71.	7.3	65
124	In <i>Vicia faba</i> leaves Photoinhibition from Ozone Fumigation in Light Precedes a Decrease in Quantum Yield of Functional PSII Centres. <i>Journal of Plant Physiology</i> , 1999, 154, 167-172.	3.5	29
125	Photosynthesis of <i>Hedera Canariensis</i> var. <i>Azorica</i> Variegated Leaves as Affected by Ozone. <i>Photosynthetica</i> , 1998, 35, 247-253.	1.7	14
126	Photosynthesis of two poplar clones under long-term exposure to ozone. <i>Physiologia Plantarum</i> , 1998, 104, 707-712.	5.2	23



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127	Photosynthesis of two poplar clones contrasting in O. Trees - Structure and Function, 1998, 12, 196.	1.9	19
128	The use of chlorophyll fluorescence and leaf gas exchange as methods for studying the different responses to ozone of two bean cultivars. Journal of Experimental Botany, 1997, 48, 173-179.	4.8	95
129	Photosynthetic response of tomato plants to vascular wilt diseases. Plant Science, 1997, 124, 143-152.	3.6	66
130	The effect of nitrogen deficiency on leaf gas exchange and chlorophyll fluorescence parameters in sunflower. Plant Science, 1996, 118, 177-184.	3.6	152
131	Photoinhibition of Vicia faba plants treated with ozone. Giornale Botanico Italiano (Florence, Italy): Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overlook	0.0	0
132	Ozone-induced changes in chlorophyll fluorescence kinetics and CO <sub>2</sub> assimilation in Vicia faba. Journal of Plant Physiology, 1993, 141, 545-550.	3.5	15
133	Comparisons of Photosynthetic Responses of Sunflower and Soybean to Mild Water Stress. Biochemie Und Physiologie Der Pflanzen, 1992, 188, 321-331.	0.5	11
134	Growth dynamics of wheat (Triticum aestivum L.) exposed to sulfur dioxide pollution. Bulletin of Environmental Contamination and Toxicology, 1990, 45, 408-414.	2.7	9
135	Response of Italian cultivars of wheat, barley, maize and grasses to long-term fumigations with sulphur dioxide. Environmental Technology (United Kingdom), 1990, 11, 679-684.	2.2	6
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