

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	Frequently asked questions about in vivo chlorophyll fluorescence: practical issues. <i>Photosynthesis Research</i> , 2014, 122, 121-158.	2.9	585
2	Frequently asked questions about chlorophyll fluorescence, the sequel. <i>Photosynthesis Research</i> , 2017, 132, 13-66.	2.9	419
3	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
4	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
5	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
6	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 54	5.2	176
7	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
8	The effect of nitrogen deficiency on leaf gas exchange and chlorophyll fluorescence parameters in sunflower. <i>Plant Science</i> , 1996, 118, 177-184.	3.6	152
9	<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
10	Are Flavonoids Effective Antioxidants in Plants? Twenty Years of Our Investigation. <i>Antioxidants</i> , 2020, 9, 1098.	5.1	133
11	Isoprenoids and phenylpropanoids are part of the antioxidant defense orchestrated daily by drought-stressed <i>Lactuca sativa</i> and <i>Acerifolia</i> plants during Mediterranean summers. <i>New Phytologist</i> , 2015, 207, 613-626.	7.3	127
12	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
13	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
14	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
15	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
16	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
17	The use of chlorophyll fluorescence and leaf gas exchange as methods for studying the different responses to ozone of two bean cultivars. <i>Journal of Experimental Botany</i> , 1997, 48, 173-179.	4.8	95
18	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

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19	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
20	Combined cadmium and ozone treatments affect photosynthesis and ascorbate-dependent defences in sunflower. <i>New Phytologist</i> , 2001, 151, 627-636.	7.3	86
21	Photoprotection by foliar anthocyanins mitigates effects of boron toxicity in sweet basil (<i>Ocimum</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	86
22	Mediterranean Wild Edible Plants: Weeds or "New Functional Crops". <i>Molecules</i> , 2018, 23, 2299.	3.8	81
23	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
24	Photosynthetic Activity of Ripening Tomato Fruit. <i>Photosynthetica</i> , 2001, 39, 75-78.	1.7	74
25	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
26	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
27	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
28	Photosynthetic response of tomato plants to vascular wilt diseases. <i>Plant Science</i> , 1997, 124, 143-152.	3.6	66
29	Effects of cadmium on growth of <i>Helianthus annuus</i> seedlings: physiological aspects. <i>New Phytologist</i> , 1999, 144, 65-71.	7.3	65
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	CO ₂ 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
42	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
43	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
44	Assimilation of CO ₂ , 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
45	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
46	Characterisation of the photosynthetic response of tobacco leaves to ozone: CO ₂ assimilation and chlorophyll fluorescence. <i>Journal of Plant Physiology</i> , 2002, 159, 845-853.	3.5	41
47	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
48	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
49	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
50	Effects of NaCl or Na ₂ SO ₄ 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
51	Editorial: Chlorophyll Fluorescence Imaging Analysis in Biotic and Abiotic Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 658500.	3.6	38
52	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
53	Purple versus green leafed <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
54	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

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55	PHENOLIC COMPOUNDS AND ANTIOXIDANT POWER IN MINIMALLY PROCESSED SALAD. <i>Journal of Food Biochemistry</i> , 2008, 32, 642-653.	2.9	32
56	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
57	<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
58	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
59	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
60	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
61	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
62	Girdled-induced anthocyanin accumulation in red-leafed <i>Prunus cerasifera</i> : Effect on photosynthesis, photoprotection and sugar metabolism. <i>Plant Science</i> , 2020, 294, 110456.	3.6	30
63	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
64	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
65	Ozone effects on high light-induced photoinhibition in <i>Phaseolus vulgaris</i> . <i>Plant Science</i> , 2008, 174, 590-596.	3.6	29
66	Polygalacturonase and β -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
67	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
68	Effect of Chronic O ₃ Fumigation on the Activity of Some Calvin Cycle Enzymes in Two Poplar Clones. <i>Photosynthetica</i> , 2002, 40, 121-126.	1.7	27
69	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
70	Ancient apple cultivars from Garfagnana (Tuscany, Italy): A potential source for "nutrafruit"™ production. <i>Food Chemistry</i> , 2019, 294, 518-525.	8.2	26
71	De Novo Assembly and Comparative Transcriptome Analyses of Red and Green Morphs of Sweet Basil Crown in Full Sunlight. <i>PLoS ONE</i> , 2016, 11, e0160370.	2.5	25
72	Quenching analysis in poplar clones exposed to ozone. <i>Tree Physiology</i> , 1999, 19, 607-612.	3.1	24

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73	Ozone response mechanisms in tobacco: implications of polyamine metabolism. <i>New Phytologist</i> , 2002, 156, 389-398.	7.3	24
74	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
75	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
76	"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
77	Photosynthesis of two poplar clones under long-term exposure to ozone. <i>Physiologia Plantarum</i> , 1998, 104, 707-712.	5.2	23
78	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
79	Ozone tolerance in <i>Phaseolus vulgaris</i> depends on more than one mechanism. <i>Environmental Pollution</i> , 2010, 158, 3164-3171.	7.5	23
80	CO ₂ photoassimilation and chlorophyll fluorescence in two clover species showing different response to O ₃ . <i>Plant Physiology and Biochemistry</i> , 2003, 41, 485-493.	5.8	22
81	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
82	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
83	First Characterization of the Formation of Anthocyanin-G and Anthocyanin-B Complexes through UV-Vis Spectroscopy and Density Functional Theory Quantum Chemical Calculations. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 1272-1282.	5.2	22
84	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
85	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
86	Metabolic plasticity in the hygrophYTE <i>Moringa oleifera</i> exposed to water stress. <i>Tree Physiology</i> , 2018, 38, 1640-1654.	3.1	20
87	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
88	Photosynthesis of two poplar clones contrasting in O. <i>Trees - Structure and Function</i> , 1998, 12, 196.	1.9	19
89	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
90	How Does Chloroplast Protect Chlorophyll Against Excessive Light?. , 0, , .		17

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91	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
92	Molecular and biochemical responses to wounding in mesocarp of ripe peach (<i>Prunus persica</i> L.) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 7	6.0	16
93	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
94	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
95	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
96	Ozone-induced changes in chlorophyll fluorescence kinetics and CO ₂ assimilation in <i>Vicia faba</i> . <i>Journal of Plant Physiology</i> , 1993, 141, 545-550.	3.5	15
97	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
98	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
99	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
100	Effects of 1-ethylcyclopropene and post-harvest controlled atmosphere air storage treatments on fresh-cut <i>Ambrosia</i> apple slices. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 262-270.	3.5	14
101	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
102	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
103	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
104	Imaging of Chlorophyll a Fluorescence: A Tool to Study Abiotic Stress in Plants. , 0, , .		13
105	Seasonal and daily variations in primary and secondary metabolism of three maquis shrubs unveil different adaptive responses to Mediterranean climate. , 2019, 7, coz070.		13
106	Differential response strategies of pomegranate cultivars lead to similar tolerance to increasing salt concentrations. <i>Scientia Horticulturae</i> , 2020, 271, 109441.	3.6	13
107	Phytotoxicity of sea-water aerosols on forest plants with special reference to the role of surfactants. <i>Environmental and Experimental Botany</i> , 1988, 28, 85-94.	4.2	11
108	The effects of sulphur dioxide on the parasitism of the rust fungus <i>Uromyces viciae-fabae</i> on <i>Vicia faba</i> . <i>Environmental Pollution</i> , 1990, 68, 1-14.	7.5	11

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109	Comparisons of Photosynthetic Responses of Sunflower and Soybean to Mild Water Stress. <i>Biochemie Und Physiologie Der Pflanzen</i> , 1992, 188, 321-331.	0.5	11
110	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
111	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
112	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
113	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
114	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
115	Growth dynamics of wheat (<i>Triticum aestivum</i> L.) exposed to sulfur dioxide pollution. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1990, 45, 408-414.	2.7	9
116	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
117	Combined effects of cadmium and ozone on photosynthesis of <i>Lycopersicon esculentum</i> . <i>Photosynthetica</i> , 2014, 52, 179-185.	1.7	9
118	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
119	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
120	Antioxidant Defenses in Plants: A Dated Topic of Current Interest. <i>Antioxidants</i> , 2021, 10, 855.	5.1	9
121	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
122	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
123	Suitability of Hydroponically-Grown <i>Rumex acetosa</i> L. as Fresh-Cut Produce. <i>Horticulturae</i> , 2020, 6, 4.	2.8	8
124	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
125	Response of Italian cultivars of wheat, barley, maize and grasses to long-term fumigations with sulphur dioxide. <i>Environmental Technology (United Kingdom)</i> , 1990, 11, 679-684.	2.2	6
126	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

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127	Chlorophyll a Fluorescence in Abiotic Stress. , 2012, , 359-398.		6
128	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
129	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
130	mesophyll cell defective1, a mutation that disrupts leaf mesophyll differentiation in sunflower. <i>Photosynthetica</i> , 2010, 48, 135-142.	1.7	4
131	Modulation of photorespiration and nitrogen recycling in Fe-deficient cucumber leaves. <i>Plant Physiology and Biochemistry</i> , 2020, 154, 142-150.	5.8	4
132	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
133	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
134	Antioxidant capacity in urban soils. <i>Landscape and Urban Planning</i> , 2014, 124, 66-75.	7.5	2
135	Discerning between Two Tuscany (Italy) Ancient Apple cultivars, â€™Rotellaâ€™ and â€™Cascianaâ€™, through Polyphenolic Fingerprint and Molecular Markers. <i>Molecules</i> , 2019, 24, 1758.	3.8	2
136	Gas exchange analysis and chlorophyll a fluorescence in cotyledons of the <i>xan1</i> sunflower mutant with defects in light energy utilization. <i>Environmental and Experimental Botany</i> , 2006, 56, 182-189.	4.2	1
137	Photoinhibition of <i>Vicia faba</i> plants treated with ozone. <i>Giornale Botanico Italiano (Florence, Italy): Tj ETQq1 1 0.784314 rgBT₀/Overlook</i>	0.0	0
138	Nutritional and Antioxidant Value of Horticulturae Products. <i>Horticulturae</i> , 2022, 8, 4.	2.8	0
139	Measurements of Anthocyanin Content of <i>Prunus</i> Leaves Using Proximal Sensing Spectroscopy and Statistical Machine Learning. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10.	4.7	0