

# Lucia Guidi

## List of Publications by Citations

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137  
papers

4,862  
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141  
ext. papers

5,839  
ext. citations

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L-index

#	Paper	IF	Citations
137	Frequently asked questions about in vivo chlorophyll fluorescence: practical issues. <i>Photosynthesis Research</i> , <b>2014</b> , 122, 121-58	3.7	435
136	Frequently asked questions about chlorophyll fluorescence, the sequel. <i>Photosynthesis Research</i> , <b>2017</b> , 132, 13-66	3.7	268
135	Antioxidant capacity, ascorbic acid, total phenols and carotenoids changes during harvest and after storage of Hayward kiwifruit. <i>Food Chemistry</i> , <b>2008</b> , 107, 282-288	8.5	215
134	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> , <b>2011</b> , 168, 204-12	3.6	177
133	Biochemical study of leaf browning in minimally processed leaves of lettuce ( <i>Lactuca sativa</i> L. var. <i>acephala</i> ). <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 9980-4	5.7	148
132	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> , <b>2005</b> , 167, 457-70	9.8	133
131	The effect of nitrogen deficiency on leaf gas exchange and chlorophyll fluorescence parameters in sunflower. <i>Plant Science</i> , <b>1996</b> , 118, 177-184	5.3	120
130	Effect of rootstocks and harvesting time on the nutritional quality of peel and flesh of peach fruits. <i>Food Chemistry</i> , <b>2008</b> , 110, 361-7	8.5	101
129	Physiological basis of sensitivity to enzymatic browning in [lettuce]scarole[and]rocket salad[ when stored as fresh-cut products. <i>Food Chemistry</i> , <b>2007</b> , 104, 209-215	8.5	99
128	<i>Arabidopsis thaliana</i> MYB75/PAP1 transcription factor induces anthocyanin production in transgenic tomato plants. <i>Functional Plant Biology</i> , <b>2008</b> , 35, 606-618	2.7	97
127	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> , <b>2012</b> , 169, 929-39	3.6	95
126	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> , <b>2015</b> , 207, 613-26	9.8	87
125	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> , <b>1997</b> , 48, 173-179	7	86
124	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> , <b>2019</b> , 10, 174	6.2	83
123	The effect of salinity on photosynthetic activity in potassium-deficient barley species. <i>Journal of Plant Physiology</i> , <b>2009</b> , 166, 1968-81	3.6	80
122	Combined cadmium and ozone treatments affect photosynthesis and ascorbate-dependent defences in sunflower. <i>New Phytologist</i> , <b>2001</b> , 151, 627-636	9.8	79
121	Isoprenoids and phenylpropanoids are key components of the antioxidant defense system of plants facing severe excess light stress. <i>Environmental and Experimental Botany</i> , <b>2015</b> , 119, 54-62	5.9	74

120	Salt-tolerant rootstock increases yield of pepper under salinity through maintenance of photosynthetic performance and sinks strength. <i>Journal of Plant Physiology</i> , <b>2016</b> , 193, 1-11	3.6	70
119	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> , <b>2013</b> , 85, 64-75	5.9	65
118	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> , <b>2007</b> , 45, 851-7	5.4	63
117	Photoprotection by foliar anthocyanins mitigates effects of boron toxicity in sweet basil ( <i>Ocimum basilicum</i> ). <i>Planta</i> , <b>2014</b> , 240, 941-53	4.7	60
116	Effects of cadmium on growth of <i>Helianthus annuus</i> seedlings: physiological aspects. <i>New Phytologist</i> , <b>1999</b> , 144, 65-71	9.8	60
115	Variations in physiological and biochemical traits of oak seedlings grown under drought and ozone stress. <i>Physiologia Plantarum</i> , <b>2016</b> , 157, 69-84	4.6	56
114	ANTIOXIDANT AND PHOTOSYNTHETIC RESPONSES IN PLANTS UNDER BORON TOXICITY: A REVIEW. <i>American Journal of Agricultural and Biological Science</i> , <b>2012</b> , 7, 255-270	1.7	52
113	Antioxidant defences and oxidative damage in salt-treated olive plants under contrasting sunlight irradiance. <i>Tree Physiology</i> , <b>2009</b> , 29, 1187-98	4.2	51
112	Epidermal coumaroyl anthocyanins protect sweet basil against excess light stress: multiple consequences of light attenuation. <i>Physiologia Plantarum</i> , <b>2014</b> , 152, 585-98	4.6	50
111	Mediterranean Wild Edible Plants: Weeds or "New Functional Crops"?. <i>Molecules</i> , <b>2018</b> , 23,	4.8	50
110	Are Flavonoids Effective Antioxidants in Plants? Twenty Years of Our Investigation. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	48
109	Photosynthetic Activity of Ripening Tomato Fruit. <i>Photosynthetica</i> , <b>2001</b> , 39, 75-78	2.2	48
108	Effects of high light and ozone fumigation on photosynthesis in <i>Phaseolus vulgaris</i> . <i>Plant Physiology and Biochemistry</i> , <b>2000</b> , 38, 717-725	5.4	48
107	Photosynthetic response of tomato plants to vascular wilt diseases. <i>Plant Science</i> , <b>1997</b> , 124, 143-152	5.3	47
106	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> , <b>2005</b> , 168, 153-160	5.3	47
105	Non-invasive tools to estimate stress-induced changes in photosynthetic performance in plants inhabiting Mediterranean areas. <i>Environmental and Experimental Botany</i> , <b>2014</b> , 103, 42-52	5.9	46
104	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> , <b>2013</b> , 93, 1814-9	4.3	45
103	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> , <b>2009</b> , 65, 210-219	5.9	42

102	Effects of water stress and rootstocks on fruit phenolic composition and physical/chemical quality in Suncrest peach. <i>Annals of Applied Biology</i> , <b>2011</b> , 158, 226-233	2.6	40
101	Effects of boron on leaf chlorophyll fluorescence of greenhouse tomato grown with saline water. <i>Environmental and Experimental Botany</i> , <b>2011</b> , 73, 57-63	5.9	40
100	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> , <b>2009</b> , 57, 2925-31	5.7	39
99	Preliminary characterisation of peach cultivars for their antioxidant capacity. <i>International Journal of Food Science and Technology</i> , <b>2008</b> , 43, 810-815	3.8	39
98	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> , <b>2002</b> , 156, 377-388	9.8	39
97	Boron excess affects photosynthesis and antioxidant apparatus of greenhouse Cucurbita pepo and Cucumis sativus. <i>Journal of Plant Research</i> , <b>2013</b> , 126, 775-86	2.6	38
96	The impact of UV-radiation on the physiology and biochemistry of Ligustrum vulgare exposed to different visible-light irradiance. <i>Environmental and Experimental Botany</i> , <b>2011</b> , 70, 88-95	5.9	36
95	Ozone effects on carbon metabolism in sensitive and insensitive Phaseolus cultivars. <i>Environmental and Experimental Botany</i> , <b>2009</b> , 66, 117-125	5.9	36
94	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> , <b>2016</b> , 127, 14-25	5.9	35
93	Characterisation of the photosynthetic response of tobacco leaves to ozone: CO <sub>2</sub> assimilation and chlorophyll fluorescence. <i>Journal of Plant Physiology</i> , <b>2002</b> , 159, 845-853	3.6	35
92	Characterization of a pigment-deficient mutant of sunflower (Helianthus annuus L.) with abnormal chloroplast biogenesis, reduced PS II activity and low endogenous level of abscisic acid. <i>Plant Science</i> , <b>2004</b> , 167, 79-89	5.3	32
91	Losing the Warning Signal: Drought Compromises the Cross-Talk of Signaling Molecules in Exposed to Ozone. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1020	6.2	30
90	Effects of NaCl or Na <sub>2</sub> SO <sub>4</sub> salinity on plant growth, ion content and photosynthetic activity in Ocimum basilicum L.. <i>Acta Physiologiae Plantarum</i> , <b>2012</b> , 34, 607-615	2.6	29
89	In Vicia faba leaves Photoinhibition from Ozone Fumigation in Light Precedes a Decrease in Quantum Yield of Functional PSII Centres. <i>Journal of Plant Physiology</i> , <b>1999</b> , 154, 167-172	3.6	29
88	CO <sub>2</sub> fixation and chlorophyll a fluorescence in leaves of Ramonda serbica during a dehydration-rehydration cycle. <i>Journal of Plant Physiology</i> , <b>2008</b> , 165, 723-33	3.6	28
87	Boron accumulation and tolerance in sweet basil (Ocimum basilicum L.) with green or purple leaves. <i>Plant and Soil</i> , <b>2015</b> , 395, 375-389	4.2	27
86	Multiple Consequences Induced by Epidermally-Located Anthocyanins in Young, Mature and Senescent Leaves of. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 917	6.2	26
85	Ozone effects on high light-induced photoinhibition in Phaseolus vulgaris. <i>Plant Science</i> , <b>2008</b> , 174, 590-596	5.9	26

84	PHENOLIC COMPOUNDS AND ANTIOXIDANT POWER IN MINIMALLY PROCESSED SALAD. <i>Journal of Food Biochemistry</i> , <b>2008</b> , 32, 642-653	3.3	26
83	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> , <b>2017</b> , 68, 2425-2437	7	25
82	Ozone-response mechanisms in tobacco: implications of polyamine metabolism. <i>New Phytologist</i> , <b>2002</b> , 156, 389-398	9.8	24
81	Quenching analysis in poplar clones exposed to ozone. <i>Tree Physiology</i> , <b>1999</b> , 19, 607-612	4.2	24
80	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> , <b>2013</b> , 176, 942-951	2.3	23
79	Effect of Chronic O <sub>3</sub> Fumigation on the Activity of Some Calvin Cycle Enzymes in Two Poplar Clones. <i>Photosynthetica</i> , <b>2002</b> , 40, 121-126	2.2	23
78	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> , <b>2017</b> , 37, 246-260	4.2	22
77	Polygalacturonase and Galactosidase activities in Hayward kiwifruit as affected by light exposure, maturity stage and storage time. <i>Scientia Horticulturae</i> , <b>2009</b> , 120, 342-347	4.1	22
76	Ozone tolerance in <i>Phaseolus vulgaris</i> depends on more than one mechanism. <i>Environmental Pollution</i> , <b>2010</b> , 158, 3164-71	9.3	22
75	Photosynthesis of two poplar clones under long-term exposure to ozone. <i>Physiologia Plantarum</i> , <b>1998</b> , 104, 707-712	4.6	21
74	Biochemical aspects in two minimally processed lettuces upon storage. <i>International Journal of Food Science and Technology</i> , <b>2007</b> , 42, 214-219	3.8	21
73	Effect of nitrate fertilization and saline stress on the contents of active constituents of <i>Echinacea angustifolia</i> DC. <i>Food Chemistry</i> , <b>2008</b> , 107, 1461-1466	8.5	21
72	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> , <b>2019</b> , 657, 379-390	10.2	21
71	<i>Artemisia</i> spp. essential oils against the disease-carrying blowfly <i>Calliphora vomitoria</i> . <i>Parasites and Vectors</i> , <b>2017</b> , 10, 80	4	20
70	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> , <b>2017</b> , 8, 148	2.8	20
69	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> , <b>2015</b> , 39, 2925-2934	2.1	20
68	Effects of elevated ozone on chlorophyll a fluorescence in symptomatic and asymptomatic leaves of two tomato genotypes. <i>Biologia Plantarum</i> , <b>2007</b> , 51, 313-321	2.1	19
67	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> , <b>2003</b> , 41, 485-493	5.4	19

66	Photosynthesis of two poplar clones contrasting in O. <i>Trees - Structure and Function</i> , <b>1998</b> , 12, 196	2.6	19
65	De Novo Assembly and Comparative Transcriptome Analyses of Red and Green Morphs of Sweet Basil Grown in Full Sunlight. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160370	3.7	19
64	Girdled-induced anthocyanin accumulation in red-leafed <i>Prunus cerasifera</i> : Effect on photosynthesis, photoprotection and sugar metabolism. <i>Plant Science</i> , <b>2020</b> , 294, 110456	5.3	18
63	Image changes in chlorophyll fluorescence of cucumber leaves in response to iron deficiency and resupply. <i>Journal of Plant Nutrition and Soil Science</i> , <b>2013</b> , 176, 734-742	2.3	17
62	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> , <b>2000</b> , 22, 95-101	2.6	17
61	Ancient apple cultivars from Garfagnana (Tuscany, Italy): A potential source for 'nutrafruit' production. <i>Food Chemistry</i> , <b>2019</b> , 294, 518-525	8.5	16
60	Living in a Mediterranean city in 2050: broadleaf or evergreen 'citizens'?. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 8161-8173	5.1	14
59	Molecular and biochemical responses to wounding in mesocarp of ripe peach ( <i>Prunus persica</i> L. Batsch) fruit. <i>Postharvest Biology and Technology</i> , <b>2014</b> , 90, 40-51	6.2	14
58	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> , <b>2015</b> , 123, 109-120	2.7	14
57	Leaf Responses to Reduced Iron Availability in Two Tomato Genotypes: T3238FER (Iron Efficient) and T3238fer (Iron Inefficient). <i>Journal of Plant Nutrition</i> , <b>2003</b> , 26, 2137-2148	2.3	14
56	Contrasting response mechanisms to root-zone salinity in three co-occurring Mediterranean woody evergreens: a physiological and biochemical study. <i>Functional Plant Biology</i> , <b>2009</b> , 36, 551-563	2.7	13
55	Photosynthesis of <i>Hedera Canariensis</i> var. <i>Azorica</i> Variegated Leaves as Affected by Ozone. <i>Photosynthetica</i> , <b>1998</b> , 35, 247-253	2.2	13
54	Ozone-induced changes in chlorophyll fluorescence kinetics and CO <sub>2</sub> assimilation in <i>Vicia faba</i> . <i>Journal of Plant Physiology</i> , <b>1993</b> , 141, 545-550	3.6	13
53	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> , <b>2020</b> , 9,	4.9	13
52	"Help is in the air": volatiles from salt-stressed plants increase the reproductive success of receivers under salinity. <i>Planta</i> , <b>2020</b> , 251, 48	4.7	12
51	Metabolic plasticity in the hygrophYTE <i>Moringa oleifera</i> exposed to water stress. <i>Tree Physiology</i> , <b>2018</b> , 38, 1640-1654	4.2	12
50	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> , <b>2015</b> , 226, 1	2.6	11
49	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> , <b>2019</b> , 138, 967-979	2.7	11

48	Effects of 1-methylcyclopropene and post-controlled atmosphere air storage treatments on fresh-cut Ambrosia apple slices. <i>Journal of the Science of Food and Agriculture</i> , <b>2013</b> , 93, 262-70	4.3	11
47	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> , <b>1990</b> , 68, 1-14	9.3	11
46	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> , <b>2019</b> , 14, e0212576	3.7	11
45	Unveiling the shade nature of cyanic leaves: A view from the "blue absorbing side" of anthocyanins. <i>Plant, Cell and Environment</i> , <b>2021</b> , 44, 1119-1129	8.4	11
44	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> , <b>2018</b> , 32, 1595-1608	2.6	10
43	Imaging of Chlorophyll a Fluorescence: A Tool to Study Abiotic Stress in Plants <b>2011</b> ,		10
42	Comparisons of Photosynthetic Responses of Sunflower and Soybean to Mild Water Stress. <i>Biochemie Und Physiologie Der Pflanzen</i> , <b>1992</b> , 188, 321-331		10
41	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> , <b>2014</b> , 62, 4377-83	5.7	9
40	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> , <b>2014</b> , 114, 525-538	4.1	9
39	Effects of Green Compost on Soil Biochemical Characteristics and Nutritive Quality of Leafy Vegetables. <i>Compost Science and Utilization</i> , <b>2011</b> , 19, 114-122	1.2	9
38	Growth dynamics of wheat ( <i>Triticum aestivum</i> L.) exposed to sulfur dioxide pollution. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>1990</b> , 45, 408-14	2.7	9
37	How Does Chloroplast Protect Chlorophyll Against Excessive Light? <b>2017</b> ,		8
36	Phytotoxicity of sea-water aerosols on forest plants with special reference to the role of surfactants. <i>Environmental and Experimental Botany</i> , <b>1988</b> , 28, 85-94	5.9	8
35	Hydroponically Grown Scop.: Effects of Cut and Storage on Fresh-Cut Produce. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	8
34	Effect of Drying Methods on Phenolic Compounds and Antioxidant Activity of <i>Urtica dioica</i> L. Leaves. <i>Horticulturae</i> , <b>2021</b> , 7, 10	2.5	8
33	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> , <b>2021</b> , 338, 128011	8.5	8
32	Effect of Grafting on the Production, Physico-Chemical Characteristics and Nutritional Quality of Fruit from Pepper Landraces. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	7
31	Nutritional and nutraceutical properties of raw and traditionally obtained flour from chestnut fruit grown in Tuscany. <i>European Food Research and Technology</i> , <b>2020</b> , 246, 1867-1876	3.4	6

30	Combined effects of cadmium and ozone on photosynthesis of <i>Lycopersicon esculentum</i> . <i>Photosynthetica</i> , <b>2014</b> , 52, 179-185	2.2	6
29	Chlorophyll a Fluorescence in Abiotic Stress <b>2012</b> , 359-398		6
28	Response of Italian cultivars of wheat, barley, maize and grasses to long-term fumigations with sulphur dioxide. <i>Environmental Technology (United Kingdom)</i> , <b>1990</b> , 11, 679-684	2.6	6
27	Seasonal and daily variations in primary and secondary metabolism of three maquis shrubs unveil different adaptive responses to Mediterranean climate <b>2019</b> , 7, coz070		6
26	First Characterization of the Formation of Anthocyanin-Ge and Anthocyanin-B Complexes through UV-Vis Spectroscopy and Density Functional Theory Quantum Chemical Calculations. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 1272-1282	5.7	6
25	How <i>Quercus ilex</i> L. saplings face combined salt and ozone stress: a transcriptome analysis. <i>BMC Genomics</i> , <b>2018</b> , 19, 872	4.5	6
24	Anthocyanins in photoprotection: knowing the factors in play to solve this complex ecophysiological issue. <i>New Phytologist</i> , <b>2021</b> , 232, 2228-2235	9.8	6
23	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> , <b>2021</b> , 199, 3553-3561	4.5	5
22	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> , <b>2020</b> , 10, 841	3.6	5
21	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> , <b>2010</b> , 205, 853-861	1.9	5
20	Differential response strategies of pomegranate cultivars lead to similar tolerance to increasing salt concentrations. <i>Scientia Horticulturae</i> , <b>2020</b> , 271, 109441	4.1	4
19	Suitability of Hydroponically-Grown <i>Rumex acetosa</i> L. as Fresh-Cut Produce. <i>Horticulturae</i> , <b>2020</b> , 6, 4	2.5	4
18	Effect of cut on secondary metabolite profile in hydroponically-grown L. seedlings: a metabolomic approach. <i>Natural Product Research</i> , <b>2021</b> , 35, 4089-4093	2.3	4
17	mesophyll cell defective1, a mutation that disrupts leaf mesophyll differentiation in sunflower. <i>Photosynthetica</i> , <b>2010</b> , 48, 135-142	2.2	4
16	Effect of superheated steam and conventional steam roasting on nutraceutical quality of several vegetables. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 149, 112014	5.4	4
15	Discerning between Two Tuscany (Italy) Ancient Apple cultivars, 'Rotella' and 'Casciana', through Polyphenolic Fingerprint and Molecular Markers. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
14	An integrated overview of physiological and biochemical responses of <i>Celtis australis</i> to drought stress. <i>Urban Forestry and Urban Greening</i> , <b>2019</b> , 46, 126480	5.4	2
13	Aromatic Plants: Use and Nutraceutical Properties <b>2014</b> , 303-345		2



12	Antioxidant capacity in urban soils. <i>Landscape and Urban Planning</i> , <b>2014</b> , 124, 66-75	7.7	2
11	Influences of Postharvest Storage and Processing Techniques on Antioxidant and Nutraceutical Properties of <i>Rubus idaeus</i> L.: A Mini-Review. <i>Horticulturae</i> , <b>2020</b> , 6, 105	2.5	2
10	Modulation of photorespiration and nitrogen recycling in Fe-deficient cucumber leaves. <i>Plant Physiology and Biochemistry</i> , <b>2020</b> , 154, 142-150	5.4	1
9	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> , <b>2006</b> , 56, 182-189	5.9	1
8	Red versus green leaves: transcriptomic comparison of foliar senescence between two <i>Prunus cerasifera</i> genotypes. <i>Scientific Reports</i> , <b>2020</b> , 10, 1959	4.9	1
7	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> , <b>2021</b> , 280, 109907	4.1	1
6	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> , <b>2021</b> , 145, 111335	5.4	1
5	Photoprotective Role of Photosynthetic and Non-Photosynthetic Pigments in : Is Their "Antioxidant" Function Prominent in Leaves Exposed to Severe Summer Drought?. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
4	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 Buck-Horn Plantain ( <i>Plantago coronopus</i> L.) Leaves. <i>Horticulturae</i> , <b>2022</b> , 8, 253	2.5	1
3	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> , <b>2022</b> , 295, 110884	4.1	0
2	Photoinhibition of <i>Vicia faba</i> plants treated with ozone. <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , <b>1995</b> , 129, 1106-1107		
1	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> , <b>2022</b> , 1-1	5.2	