

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52 papers	2,315 citations	30 h-index	48 g-index
53 ext. papers	3,235 ext. citations	4 avg, IF	6.59 L-index

#	Paper	IF	Citations
52	Phenolic acids, flavonoids and total antioxidant capacity of selected leafy vegetables. <i>Journal of Functional Foods</i> , <b>2012</b> , 4, 979-987	5.1	188
51	Drought stress enhances nutritional and bioactive compounds, phenolic acids and antioxidant capacity of Amaranthus leafy vegetable. <i>BMC Plant Biology</i> , <b>2018</b> , 18, 258	5.3	141
50	Catalase, superoxide dismutase and ascorbate-glutathione cycle enzymes confer drought tolerance of Amaranthus tricolor. <i>Scientific Reports</i> , <b>2018</b> , 8, 16496	4.9	113
49	Drought Stress Effects on Growth, ROS Markers, Compatible Solutes, Phenolics, Flavonoids, and Antioxidant Activity in Amaranthus tricolor. <i>Applied Biochemistry and Biotechnology</i> , <b>2018</b> , 186, 999-1016	3.2	111
48	Augmentation of leaf color parameters, pigments, vitamins, phenolic acids, flavonoids and antioxidant activity in selected Amaranthus tricolor under salinity stress. <i>Scientific Reports</i> , <b>2018</b> , 8, 12349	4.9	104
47	Response of nutrients, minerals, antioxidant leaf pigments, vitamins, polyphenol, flavonoid and antioxidant activity in selected vegetable amaranth under four soil water content. <i>Food Chemistry</i> , <b>2018</b> , 252, 72-83	8.5	97
46	Composting of rice straw with oilseed rape cake and poultry manure and its effects on faba bean ( <i>Vicia faba</i> L.) growth and soil properties. <i>Bioresource Technology</i> , <b>2004</b> , 93, 183-9	11	83
45	The Response of Salinity Stress-Induced to Growth, Anatomy, Physiology, Non-Enzymatic and Enzymatic Antioxidants. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 559876	6.2	82
44	Antioxidant constituents of three selected red and green color Amaranthus leafy vegetable. <i>Scientific Reports</i> , <b>2019</b> , 9, 18233	4.9	79
43	Salinity stress enhances color parameters, bioactive leaf pigments, vitamins, polyphenols, flavonoids and antioxidant activity in selected Amaranthus leafy vegetables. <i>Journal of the Science of Food and Agriculture</i> , <b>2019</b> , 99, 2275-2284	4.3	75
42	Nutraceuticals, antioxidant pigments, and phytochemicals in the leaves of Amaranthus spinosus and Amaranthus viridis weedy species. <i>Scientific Reports</i> , <b>2019</b> , 9, 20413	4.9	72
41	Salinity stress accelerates nutrients, dietary fiber, minerals, phytochemicals and antioxidant activity in Amaranthus tricolor leaves. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206388	3.7	66
40	Nutritional and antioxidant components and antioxidant capacity in green morph Amaranthus leafy vegetable. <i>Scientific Reports</i> , <b>2020</b> , 10, 1336	4.9	64
39	Protein, dietary fiber, minerals, antioxidant pigments and phytochemicals, and antioxidant activity in selected red morph Amaranthus leafy vegetable. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222517	3.7	64
38	Nutrients, minerals, antioxidant pigments and phytochemicals, and antioxidant capacity of the leaves of stem amaranth. <i>Scientific Reports</i> , <b>2020</b> , 10, 3892	4.9	62
37	Indigenous utilization of termite mounds and their sustainability in a rice growing village of the central plain of Laos. <i>Journal of Ethnobiology and Ethnomedicine</i> , <b>2011</b> , 7, 24	3.9	58
36	Nutrients, minerals, pigments, phytochemicals, and radical scavenging activity in Amaranthus blitum leafy vegetables. <i>Scientific Reports</i> , <b>2020</b> , 10, 3868	4.9	57

35	Polyphenol and flavonoid profiles and radical scavenging activity in leafy vegetable <i>Amaranthus gangeticus</i> . <i>BMC Plant Biology</i> , <b>2020</b> , 20, 499	5.3	54
34	Bioactive substances in leaves of two amaranth species, <i>Amaranthus tricolor</i> and <i>A. hypochondriacus</i> . <i>Canadian Journal of Plant Science</i> , <b>2013</b> , 93, 47-58	1	52
33	Phenolic profiles and antioxidant activities in selected drought-tolerant leafy vegetable amaranth. <i>Scientific Reports</i> , <b>2020</b> , 10, 18287	4.9	49
32	Bioactive Components and Radical Scavenging Activity in Selected Advance Lines of Salt-Tolerant Vegetable Amaranth. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 587257	6.2	48
31	Variability in total antioxidant capacity, antioxidant leaf pigments and foliage yield of vegetable amaranth. <i>Journal of Integrative Agriculture</i> , <b>2018</b> , 17, 1145-1153	3.2	48
30	Genotype variability in composition of antioxidant vitamins and minerals in vegetable amaranth. <i>Genetika</i> , <b>2015</b> , 47, 85-96	0.6	44
29	Nutritional and bioactive constituents and scavenging capacity of radicals in <i>Amaranthus hypochondriacus</i> . <i>Scientific Reports</i> , <b>2020</b> , 10, 19962	4.9	44
28	Variability, heritability and genetic association in vegetable amaranth ( <i>Amaranthus tricolor</i> L.). <i>Spanish Journal of Agricultural Research</i> , <b>2015</b> , 13, e0702	1.1	42
27	Genotypic diversity in vegetable amaranth for antioxidant, nutrient and agronomic traits. <i>Indian Journal of Genetics and Plant Breeding</i> , <b>2017</b> , 77, 173	1.7	39
26	Leaf pigmentation, its profiles and radical scavenging activity in selected <i>Amaranthus tricolor</i> leafy vegetables. <i>Scientific Reports</i> , <b>2020</b> , 10, 18617	4.9	39
25	Nutraceuticals, phytochemicals, and radical quenching ability of selected drought-tolerant advance lines of vegetable amaranth. <i>BMC Plant Biology</i> , <b>2020</b> , 20, 564	5.3	37
24	Genetic variation and interrelationships among antioxidant, quality, and agronomic traits in vegetable amaranth. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , <b>2016</b> , 40, 526-535	2.2	37
23	Color attributes, betacyanin, and carotenoid profiles, bioactive components, and radical quenching capacity in selected <i>Amaranthus gangeticus</i> leafy vegetables. <i>Scientific Reports</i> , <b>2021</b> , 11, 11559	4.9	32
22	Total Polyphenol and Antioxidant Activity of Red Amaranth ( <i>Amaranthus tricolor</i> L.) as Affected by Different Sunlight Level. <i>Japanese Society for Horticultural Science</i> , <b>2008</b> , 77, 395-401		26
21	Biomass yield and accumulations of bioactive compounds in red amaranth ( <i>Amaranthus tricolor</i> L.) grown under different colored shade polyethylene in spring season. <i>Scientia Horticulturae</i> , <b>2010</b> , 123, 289-294	4.1	25
20	Finger millet ( <i>Eleusine corocana</i> L. Gaertn.) as a cover crop on weed control, growth and yield of soybean under different tillage systems. <i>Soil and Tillage Research</i> , <b>2006</b> , 90, 93-99	6.5	23
19	Foliar Application of Salicylic Acid Improved the Growth, Yield and Leaf's Bioactive Compounds in Red Amaranth ( <i>Amaranthus tricolor</i> L.). <i>Journal of Fruit and Ornamental Plant Research</i> , <b>2011</b> , 74, 77-86		22
18	Evaluation of the SPAD Value in Faba Bean ( <i>Vicia faba</i> L.) Leaves in Relation to Different Fertilizer Applications. <i>Plant Production Science</i> , <b>2003</b> , 6, 185-189	2.4	22

17	Phenotypic divergence in vegetable amaranth for total antioxidant capacity, antioxidant profile, dietary fiber, nutritional and agronomic traits. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , <b>2018</b> , 68, 67-76	1.1	18
16	Effect of Chinese Milk Vetch ( <i>Astragalus sinicus</i> L.) as a Cover Crop on Weed Control, Growth and Yield of Wheat under Different Tillage Systems. <i>Plant Production Science</i> , <b>2005</b> , 8, 79-85	2.4	13
15	Breaking Strength of Pedicel and Grain Shattering Habit in Two Species of Buckwheat ( <i>Fagopyrum</i> spp.). <i>Plant Production Science</i> , <b>1998</b> , 1, 62-66	2.4	13
14	Influence of Cultivar and Growth Stage on Pigments and Processing Factors on Betacyanins in Red Amaranth ( <i>Amaranthus tricolor</i> L.). <i>Food Science and Technology International</i> , <b>2009</b> , 15, 259-265	2.6	11
13	Weed population dynamics in wheat as affected by <i>Astragalus sinicus</i> L. (Chinese milk vetch) under reduced tillage. <i>Crop Protection</i> , <b>2005</b> , 24, 864-869	2.7	11
12	Association between Grain Shattering Habit and Formation of Abscission Layer Controlled by Grain Shattering gene sh-2 in Rice ( <i>Oryza sativa</i> L.).. <i>Japanese Journal of Crop Science</i> , <b>1995</b> , 64, 607-615	0.1	10
11	Phenotypic Plasticity of Vegetable Amaranth, <i>Amaranthus tricolor</i> L. under a Natural Climate. <i>Plant Production Science</i> , <b>2014</b> , 17, 166-172	2.4	8
10	Bioactive Phytochemicals and Quenching Activity of Radicals in Selected Drought-Resistant Vegetable Amaranth.. <i>Antioxidants</i> , <b>2022</b> , 11,	7.1	7
9	Influence of Salinity Stress on Color Parameters, Leaf Pigmentation, Polyphenol and Flavonoid Contents, and Antioxidant Activity of Leafy Vegetables.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	6
8	Nitrogen Uptake by Faba Bean from <sup>15</sup> N-Labelled Oilseed-Rape Residue and Chicken Manure with Ryegrass as a Reference Crop. <i>Plant Production Science</i> , <b>2004</b> , 7, 371-376	2.4	5
7	Effects of Fertilization and Poliploidy on Grain Shedding Habit of Cultivated Buckwheats ( <i>Fagopyrum</i> spp.). <i>Japanese Journal of Crop Science</i> , <b>2001</b> , 70, 221-225	0.1	4
6	Prospects and potentials of underutilized leafy Amaranths as vegetable use for health-promotion.. <i>Plant Physiology and Biochemistry</i> , <b>2022</b> , 182, 104-123	5.4	3
5	Association of Grain Shedding Habit with Polyploidy in Tartary Buckwheat ( <i>Fagopyrum tataricum</i> ) Strains. <i>Plant Production Science</i> , <b>2004</b> , 7, 212-216	2.4	2
4	Breaking Strength of Pedicel as an Index of Grain-Shattering Habit in Autotetraploid and Diploid Buckwheat ( <i>Fagopyrum esculentum</i> Moench.) Cultivars. <i>Plant Production Science</i> , <b>1999</b> , 2, 190-195	2.4	2
3	Phytonutrients, Colorant Pigments, Phytochemicals, and Antioxidant Potential of Orphan Leafy Species.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	2
2	Novel DNA probes capable of discriminating indica and japonica rice cultivars. <i>DNA Sequence</i> , <b>1996</b> , 6, 303-6		1
1	Characterization of Phytochemicals, Nutrients, and Antiradical Potential in Slim Amaranth. <i>Antioxidants</i> , <b>2022</b> , 11, 1089	7.1	0