

# Anna KoÅ,ton

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

599  
citations

840585

11  
h-index

610775

24  
g-index

33  
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33  
docs citations

33  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of LED supplemental lighting on yield and some quality parameters of lamb's lettuce grown in two winter cycles. <i>Scientia Horticulturae</i> , 2015, 187, 80-86.	1.7	103
2	Light use efficiency for vegetables production in protected and indoor environments. <i>European Physical Journal Plus</i> , 2017, 132, 1.	1.2	65
3	Iodine biofortification with additional application of salicylic acid affects yield and selected parameters of chemical composition of tomato fruits ( <i>Solanum lycopersicum</i> L.). <i>Scientia Horticulturae</i> , 2015, 188, 89-96.	1.7	56
4	The Complex Issue of Urban Treesâ€™ Stress Factor Accumulation and Ecological Service Possibilities. <i>Forests</i> , 2020, 11, 932.	0.9	56
5	Modifying folate and polyphenol concentrations in Lamb's lettuce by the use of LED supplemental lighting during cultivation in greenhouses. <i>Journal of Functional Foods</i> , 2016, 26, 228-237.	1.6	46
6	Biosynthesis Regulation of Foliates and Phenols in Plants. <i>Scientia Horticulturae</i> , 2022, 291, 110561.	1.7	42
7	Nitrate content in <i>Valerianella locusta</i> L. plants is affected by supplemental LED lighting. <i>Scientia Horticulturae</i> , 2016, 211, 179-186.	1.7	35
8	Methylation of protein phosphatase 2Aâ€™ Influence of regulators and environmental stress factors. <i>Plant, Cell and Environment</i> , 2017, 40, 2347-2358.	2.8	24
9	Phenolic compounds as the major antioxidants in red cabbage. <i>Folia Horticulturae</i> , 2010, 22, 19-24.	0.6	22
10	Rooting response of <i>Prunus domestica</i> L. microshoots in the presence of phytoactive medium supplements. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 163-176.	1.2	17
11	The effect of LED lighting on photosynthetic parameters and weight of lambâ€™s lettuce ( <i>Valerianella</i> ) Tj ETQq1 1,0.784314 rgBT / Ove	0.6	16
12	Selection of Tomato and Cucumber Accessions for Waterlogging Sensitivity through Morpho-Physiological Assessment at an Early Vegetative Stage. <i>Agronomy</i> , 2020, 10, 1490.	1.3	12
13	The Storage Ability Of Lambâ€™S Lettuce Cultivated In The Greenhouse Under Led Or Hps Lamps. <i>Journal of Horticultural Research</i> , 2014, 22, 159-165.	0.4	10
14	In vitro acclimation to prolonged metallic stress is associated with modulation of antioxidant responses in a woody shrub <i>Daphne jasminea</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 339-357.	1.2	9
15	LED lighting affected the growth and metabolism of eggplant and tomato transplants in a greenhouse. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2020, 47, 150-157.	0.3	9
16	The effect of seedling chilling on glutathione content, catalase and peroxidase activity in <i>Brassica oleracea</i> L. var. <i>italica</i> . <i>Acta Societatis Botanicorum Poloniae</i> , 2013, 82, 243-248.	0.8	8
17	Content and health risk assessment of selected elements in the Yerba mate ( <i>Ilex paraguariensis</i> ) Tj ETQq1 1,0.784314 rgBT / Ove	1.7	8
18	Effect of Maturity Stage and Short-Term Storage on the Biological Quality of Sweet Pepper Fruits. <i>Journal of Fruit and Ornamental Plant Research</i> , 2011, 74, 143-152.	0.4	7

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19	The effect of various light conditions and different nitrogen forms on nitrogen metabolism in pepper fruits. <i>Folia Horticulturae</i> , 2012, 24, 153-160.	0.6	6
20	Strategy of Cr detoxification by <i>Callitriche cophocarpa</i> . <i>Open Chemistry</i> , 2013, 11, 295-303.	1.0	6
21	Accumulation patterns of Cr in <i>Callitriche</i> organs – qualitative and quantitative analysis. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2669-2676.	2.7	6
22	Response of physiological parameters in <i>Dionaea muscipula</i> J. Ellis teratomas transformed with rolB oncogene. <i>BMC Plant Biology</i> , 2021, 21, 564.	1.6	6
23	Physiological responses of <i>Betula pendula</i> Roth growing in polluted areas. <i>Ecological Questions</i> , 0, 22, 39.	0.1	5
24	Influence of platinum ions on the germination and seedling root growth of different plant species. <i>Geology Geophysics &amp; Environment</i> , 2014, 40, 343.	1.0	5
25	The Effectiveness of the Sexual Reproduction in Selected Clonal and Nonclonal Species of the Genus <i>Ranunculus</i> . <i>Biology</i> , 2022, 11, 85.	1.3	5
26	Biodegradable Silver Nanoparticles Gel and Its Impact on Tomato Seed Germination Rate in In Vitro Cultures. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2722.	1.3	5
27	Some nutritional constituents in bulbs of selected <i>Allium</i> cultivars. <i>Folia Horticulturae</i> , 2008, 20, 39-46.	0.6	4
28	Comparison of the ability of fifteen onion ( <i>Allium cepa</i> L.) cultivars to accumulate nitrates. <i>Acta Agrobotanica</i> , 2014, 67, 27-32.	1.0	3
29	Response of Broccoli Transplants to LED Light during Short and Long-Term Storage. <i>Agronomy</i> , 2020, 10, 1009.	1.3	2
30	Reproductive Biology of Dry Grassland Specialist <i>Ranunculus illyricus</i> L. and Its Implications for Conservation. <i>Biology</i> , 2022, 11, 873.	1.3	1
31	Delayed Inhibition of Photosynthetic Performance – Three Linden Species in an Urban Environment. <i>Forests</i> , 2021, 12, 761.	0.9	0
32	Influence of platinum ions on phenolic compounds in <i>Lepidium sativum</i> seedlings. <i>Geology Geophysics &amp; Environment</i> , 2014, 40, 319.	1.0	0
33	Some physiological changes in autumn leaves of <i>Parthenocissus inserta</i> growing in urban conditions. , 2014, , 20-23.		0