Brigitta TÃ³th

List of Publications by Year
in descending order

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40 papers	321 citations	1039880 9 h-index	940416 16 g-index
43 all docs	43 docs citations	43 times ranked	387 citing authors

#	Article	IF	Citations
1	First Report of Sclerotinia sclerotiorum on Watercress (Nasturtium officinale) in an Aquaponic System in Hungary. Plant Disease, 2022, 106, 767.	0.7	1
2	The Evaluation of the Effects of Zn, and Amino Acid-Containing Foliar Fertilizers on the Physiological and Biochemical Responses of a Hungarian Fodder Corn Hybrid. Agronomy, 2022, 12, 1523.	1.3	5
3	Analyzing the Effect of Intensive and Low-Input Agrotechnical Support for the Physiological, Phenometric, and Yield Parameters of Different Maize Hybrids Using Multivariate Statistical Methods. International Journal of Agronomy, 2021, 2021, 1-11.	0.5	8
4	Effect of nitrogen fertiliser on the rate of lipid peroxidation of different maize hybrids in a long-term multifactorial experiment. Acta Alimentaria, 2021, , .	0.3	2
5	Low nitrogen and phosphorus effects on wheat Fe, Zn, phytic acid and phenotypic traits. South African Journal of Science, 2021, 117, .	0.3	1
6	Evaluation of the Nutrient Composition of Maize in Different NPK Fertilizer Levels Based on Multivariate Method Analysis. International Journal of Agronomy, 2021, 2021, 1-13.	0.5	16
7	Supraoptimal Iron Nutrition of Brassica napus Plants Suppresses the Iron Uptake of Chloroplasts by Down-Regulating Chloroplast Ferric Chelate Reductase. Frontiers in Plant Science, 2021, 12, 658987.	1.7	5
8	The Effect of Four Industrial By-Products on the Photosynthetic Pigments, Dry Weight and Ultrastructure of Zea mays L.. Biology Bulletin, 2021, 48, 296-305.	0.1	1
9	Plant biostimulating effects of the cyanobacterium Nostoc piscinale on maize (Zea mays L.) in field experiments. South African Journal of Botany, 2021, 140, 153-160.	1.2	10
10	The Application of Phytohormones as Biostimulants in Corn Smut Infected Hungarian Sweet and Fodder Corn Hybrids. Plants, 2021, 10, 1822.	1.6	15
11	Cultivar Differences in the Biochemical and Physiological Responses of Common Beans to Aluminum Stress. Plants, 2021, 10, 2097.	1.6	2
12	Evaluation of Complete Fertilizer in the Aspect of the Antioxidant Enzyme System of Maize Hybrids. Agronomy, 2021, 11, 2129.	1.3	1
13	The Physiological and Biochemical Responses of European Chestnut (Castanea sativa L.) to Blight Fungus (Cryphonectria parasitica (Murill) Barr). Plants, 2021, 10, 2136.	1.6	3
14	Examination of the Productivity and Physiological Responses of Maize (Zea mays L.) to Nitrapyrin and Foliar Fertilizer Treatments. Plants, 2021, 10, 2426.	1.6	6
15	Influence of low soil nitrogen and phosphorus on gluten polymeric and monomeric protein distribution in two high quality spring wheat cultivars. Journal of Cereal Science, 2020, 91, 102867.	1.8	5
16	The Influence of Soil Acidity on the Physiological Responses of Two Bread Wheat Cultivars. Plants, 2020, 9, 1472.	1.6	9
17	Investigation of Ustilago maydis Infection on Some Physiological Parameters and Phenotypic Traits of Maize. International Journal of Innovative Approaches in Agricultural Research, 2020, 4, 396-406.	0.1	1
18	Effects of different fertilization levels on the concentration of high molecular weight glutenin subunits of two spring, hard red bread wheat cultivars. Cereal Chemistry, 2019, 96, 1004-1010.	1.1	13

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19	The use of industrial waste materials for alleviation of iron deficiency in sunflower and maize. International Journal of Recycling of Organic Waste in Agriculture, 2019, 8, 145-151.	2.0	4
20	Effect of bean rust [Uromyces appendiculatus (Pers.) Strauss] on photosynthetic characteristics, superoxide-dismutase activity, and lipid peroxidation of common bean (Phaseolus vulgaris L.). Acta Alimentaria, 2019, 48, 253-259.	0.3	2
21	EFFECT OF SILYBUM MARIANUM (L.) GAERTN. ON GERMINATION, EARLY GROWTH AND NUTRIENT UPTAKE OF ZEA MAYS L.. Applied Ecology and Environmental Research, 2018, 16, 2255-2265.	0.2	0
22	Responses of Szarvasi-1 energy grass to sewage sludge treatments in hydroponics. Plant Physiology and Biochemistry, 2017, 118, 627-633.	2.8	6
23	ALLELOPATHIC EFFECT OF SILYBUM MARIANUM L. GAERTN. ON GROWTH AND NUTRIENT UPTAKE OF WINTER WHEAT (TRITICUM AESTIVUM L.). Applied Ecology and Environmental Research, 2017, 15, 769-778.	0.2	1
24	Revisiting the iron pools in cucumber roots: identification and localization. Planta, 2016, 244, 167-179.	1.6	11
25	Incorporation of iron into chloroplasts triggers the restoration of cadmium induced inhibition of photosynthesis. Journal of Plant Physiology, 2016, 202, 97-106.	1.6	13
26	Does a voltage-sensitive outer envelope transport mechanism contributes to the chloroplast iron uptake?. Planta, 2016, 244, 1303-1313.	1.6	22
27	Stress hardening under long-term cadmium treatment is correlated with the activation of antioxidative defence and iron acquisition of chloroplasts in Populus. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2016, 71, 323-334.	0.6	6
28	Changes induced by cadmium stress and iron deficiency in the composition and organization of thylakoid complexes in sugar beet (Beta vulgaris L.). Environmental and Experimental Botany, 2014, 101, 1-11.	2.0	52
29	Industrial By-Products: Stress Factors or Nutrients. Journal of Medical and Bioengineering, 2014, , 288-291.	0.5	0
30	Possible Recycling of Industrial Wastes and By-Products in agriculture. Procedia Environmental Sciences, 2013, 18, 737-741.	1.3	3
31	Heavy metal accumulation and tolerance of energy grass (Elymus elongatus subsp. ponticus cv.) Tj ETQq1 1 0.784314 rgBT /Overlock	2.8	28
32	Compensation effect of bacterium containing biofertilizer on the growth ofCucumis sativusL. under Al-stress conditions. Acta Biologica Hungarica, 2013, 64, 60-70.	0.7	3
33	Effects of short term iron citrate treatments at different pH values on roots of iron-deficient cucumber: A MÃ¶ssbauer analysis. Journal of Plant Physiology, 2012, 169, 1615-1622.	1.6	10
34	Effect of nitrogen doses on the chlorophyll concentration, yield and protein content of different genotype maize hybrids in Hungary. African Journal of Agricultural Research Vol Pp, 2012, 7, .	0.2	3
35	Physiological examination of some industrial wastes under laboratory conditions. AgrÃ¡rtudomÃ¡nyi KÃ¶zlemÃ©nyek, 2012, , 241-246.	0.1	0
36	Industrial side-products as possible soil-amendments. Journal of Environmental Biology, 2012, 33, 425-9.	0.2	1

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37	Cd affects the translocation of some metals either Fe-like or Ca-like way in poplar. Plant Physiology and Biochemistry, 2011, 49, 494-498.	2.8	52
38	Possible alternatives in crop nutrition. AgrÃ¡rtudomÃ¡nyi KÃ¶zlemÃ©nyek, 2011, , 109-112.	0.1	0
39	A kÃ¶zeg pH-jÃ¡nak szerepe a lÃ¡tens tÃ¡panyaghiÃ¡ny kialakulÃ¡sÃ¡ban fiatal kukorica Ã©s uborka nÃ¶vÃ©nyeknÃ©l. Novenytermeles, 2010, 59, 5-23.	0.1	0
40	MÃ©sz- Ã©s cementgyÃ¡ri porok nÃ¶vÃ©nyfiziolÃ³giai hatÃ¡sÃ¡nak vizsgÃ¡lata. Novenytermeles, 2010, 59, 65-83.	0.1	0