Ä°smaÄ°l Ãakmak

List of Publications by Year
in descending order

		5891	6831
231	26,834	81	155
papers	citations	h-index	g-index

234	234	234	13985
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feeding Zinc-Biofortified Wheat Improves Performance, Nutrient Digestibility, and Concentrations of Blood and Tissue Minerals in Quails. Biological Trace Element Research, 2022, 200, 3774-3784.	1.9	3
2	Potassium-magnesium imbalance causes detrimental effects on growth, starch allocation and Rubisco activity in sugarcane plants. Plant and Soil, 2022, 472, 225-238.	1.8	3
3	Micronutrient homeostasis in plants for more sustainable agriculture and healthier human nutrition. Journal of Experimental Botany, 2022, 73, 1789-1799.	2.4	35
4	Wheat grain zinc concentration as affected by soil nitrogen and phosphorus availability and root mycorrhizal colonization. European Journal of Agronomy, 2022, 134, 126469.	1.9	10
5	Evaluating the effect of nitrogen fertilizer rate and source on the performance of openâ€pollinated rye (Secale cereale L.) cultivars in contrasting European environments. Crop Science, 2022, 62, 928-946.	0.8	7
6	Optimization of Potassium Supply under Osmotic Stress Mitigates Oxidative Damage in Barley. Plants, 2022, 11, 55.	1.6	10
7	Biofortification of Diverse Basmati Rice Cultivars with Iodine, Selenium, and Zinc by Individual and Cocktail Spray of Micronutrients. Agronomy, 2022, 12, 49.	1.3	11
8	Responsible plant nutrition: A new paradigm to support food system transformation. Global Food Security, 2022, 33, 100636.	4.0	28
9	Synergistic and antagonistic interactions between potassium and magnesium in higher plants. Crop Journal, 2021, 9, 249-256.	2.3	116
10	Feed Composition Differences Resulting from Organic and Conventional Farming Practices Affect Physiological Parameters in Wistar Ratsâ€"Results from a Factorial, Two-Generation Dietary Intervention Trial. Nutrients, 2021, 13, 377.	1.7	8
11	Biofortification of Silage Maize with Zinc, Iron and Selenium as Affected by Nitrogen Fertilization. Plants, 2021, 10, 391.	1.6	18
12	Differences in uptake and translocation of foliarâ€applied Zn in maize and wheat. Plant and Soil, 2021, 462, 235-244.	1.8	21
13	Effect of magnesium fertilization on seed yield, seed quality, carbon assimilation and nutrient uptake of rapeseed plants. Field Crops Research, 2021, 264, 108082.	2.3	25
14	Reduced root mycorrhizal colonization as affected by phosphorus fertilization is responsible for high cadmium accumulation in wheat. Plant and Soil, 2021, 468, 19-35.	1.8	28
15	Variation in phosphorus and sulfur content shapes the genetic architecture and phenotypic associations within the wheat grain ionome. Plant Journal, 2020, 101, 555-572.	2.8	14
16	Simultaneous Biofortification of Rice With Zinc, Iodine, Iron and Selenium Through Foliar Treatment of a Micronutrient Cocktail in Five Countries. Frontiers in Plant Science, 2020, 11, 589835.	1.7	63
17	Magnesium in crop production and food quality. Plant and Soil, 2020, 457, 1-3.	1.8	7
18	An investigation on minerals, arabinoxylans and other fibres of biofortified hull-less barley fractions obtained by two milling systems. Journal of Cereal Science, 2020, 96, 103098.	1.8	2

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19	The effect of agronomic factors on crop health and performance of winter wheat varieties bred for the conventional and the low input farming sector. Field Crops Research, 2020, 254, 107822.	2.3	36
20	Comparison of short and long milling flows on yield and physicochemical properties of brans from biofortified and nonbiofortified hullâ€less oats. Cereal Chemistry, 2020, 97, 859-867.	1.1	5
21	Magnesium Deficiency Reduced the Yield and Seed Germination in Wax Gourd by Affecting the Carbohydrate Translocation. Frontiers in Plant Science, 2020, 11, 797.	1.7	30
22	Evaluating the effect of agronomic management practices on the performance of differing spelt (Triticum spelta) cultivars in contrasting environments. Field Crops Research, 2020, 255, 107869.	2.3	18
23	Shoot and root growth of rice seedlings as affected by soil and foliar zinc applications. Journal of Plant Nutrition, 2020, 43, 1259-1267.	0.9	9
24	Comparison and modelling of extraction methods to assess agronomic effectiveness of fertilizer zinc. Journal of Plant Nutrition and Soil Science, 2020, 183, 248-259.	1.1	8
25	Effects of roller and hammer milling on the yield and physicochemical properties of fibre-rich fractions from biofortified and non-biofortified hull-less barley. Journal of Cereal Science, 2020, 92, 102907.	1.8	8
26	Fate and Bioaccessibility of Iodine in Food Prepared from Agronomically Biofortified Wheat and Rice and Impact of Cofertilization with Zinc and Selenium. Journal of Agricultural and Food Chemistry, 2020, 68, 1525-1535.	2.4	29
27	Effect of zincâ€biofortified seeds on grain yield of wheat, rice, and common bean grown in six countries. Journal of Plant Nutrition and Soil Science, 2019, 182, 791-804.	1.1	24
28	Simultaneous Biofortification of Wheat with Zinc, Iodine, Selenium, and Iron through Foliar Treatment of a Micronutrient Cocktail in Six Countries. Journal of Agricultural and Food Chemistry, 2019, 67, 8096-8106.	2.4	110
29	Zinc Absorption From Agronomically Biofortified Wheat Is Similar to Post-Harvest Fortified Wheat and Is a Substantial Source of Bioavailable Zinc in Humans. Journal of Nutrition, 2019, 149, 840-846.	1.3	32
30	Potential of advanced breeding lines of breadâ€making wheat to accumulate grain minerals (Ca, Fe, Mg) Tj ETQq0 0 0 rgBT /Overlock 10 2019, 205, 341-352.	1.7	15
31	Minor cereals exhibit superior antioxidant effects on human epithelial cells compared to common wheat cultivars. Journal of Cereal Science, 2019, 85, 143-152.	1.8	8
32	Plant nutrition and soil fertility: synergies for acquiring global green growth and sustainable development. Plant and Soil, 2019, 434, 1-6.	1.8	43
33	Differential effects of varied potassium and magnesium nutrition on production and partitioning of photoassimilates in potato plants. Physiologia Plantarum, 2019, 166, 921-935.	2.6	82
34	GRAIN MINERAL COMPOSITION OF INTROGRESSIVE WHEAT-WILD FORMS IN BREEDING OF SPRING WHEAT ON THE NUTRITIONAL PROPERTIES. The Bulletin, 2019, 377, 27-38.	0.0	0
35	Micronutrient availability in soils of Northwest Bosnia and Herzegovina in relation to silage maize production. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2018, 68, 301-310.	0.3	4
36	Zincâ€biofortified seeds improved seedling growth under zinc deficiency and drought stress in durum wheat. Journal of Plant Nutrition and Soil Science, 2018, 181, 388-395.	1.1	26

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37	Agronomic biofortification of cereals with zinc: a review. European Journal of Soil Science, 2018, 69, 172-180.	1.8	561
38	Quantitative trait loci associated with soybean seed weight and composition under different phosphorus levels. Journal of Integrative Plant Biology, 2018, 60, 232-241.	4.1	32
39	Nano- and Pheroid technologies for development of foliar iron fertilizers and iron biofortification of soybean grown in South Africa. Chemical and Biological Technologies in Agriculture, 2018, 5, .	1.9	4
40	Optimized potassium nutrition improves plant-water-relations of barley under PEG-induced osmotic stress. Plant and Soil, 2018, 430, 23-35.	1.8	29
41	Effects of Agronomic Management and Climate on Leaf Phenolic Profiles, Disease Severity, and Grain Yield in Organic and Conventional Wheat Production Systems. Journal of Agricultural and Food Chemistry, 2018, 66, 10369-10379.	2.4	32
42	Effects of Foliar Application of Zinc on Grain Yield and Zinc Concentration of Rice in Farmersâ€™ Fields. Chiang Mai University Journal of Natural Sciences, 2018, 17, .	0.1	12
43	MINERAL COMPOSITION OF WILD RELATIVES AND INTROGRESSIVE FORMS IN WHEAT SELECTION. Vavilovskii Zhurnal Genetiki I Selektsii, 2018, 22, 88-96.	0.4	2
44	Zinc for better crop production and human health. Plant and Soil, 2017, 411, 1-4.	1.8	133
45	Combined zinc and nitrogen fertilization in different bread wheat genotypes grown under mediterranean conditions. Cereal Research Communications, 2017, 45, 154-165.	0.8	26
46	Harvesting more grain zinc of wheat for human health. Scientific Reports, 2017, 7, 7016.	1.6	78
47	QTL mapping for grain zinc and iron concentrations and zinc efficiency in a tetraploid and hexaploid wheat mapping populations. Plant and Soil, 2017, 411, 81-99.	1.8	89
48	Differences in grain zinc are not correlated with root uptake and grain translocation of zinc in wild emmer and durum wheat genotypes. Plant and Soil, 2017, 411, 69-79.	1.8	17
49	PROTOCOL: Agronomic biofortification strategies to increase grain zinc concentrations for improved nutritional quality of wheat, maize and rice: a systematic review. Campbell Systematic Reviews, 2017, 13, 1-16.	1.2	0
50	Iodine biofortification of wheat, rice and maize through fertilizer strategy. Plant and Soil, 2017, 418, 319-335.	1.8	89
51	Molecular speciation and tissue compartmentation of zinc in durum wheat grains with contrasting nutritional status. New Phytologist, 2016, 211, 1255-1265.	3.5	77
52	Magnesium applications to growth medium and foliage affect the starch distribution, increase the grain size and improve the seed germination in wheat. Plant and Soil, 2016, 406, 145-156.	1.8	100
53	Planting seeds for the future of food. Journal of the Science of Food and Agriculture, 2016, 96, 1409-1414.	1.7	18
54	Magnesium deficiency decreases biomass water-use efficiency and increases leaf water-use efficiency and oxidative stress in barley plants. Plant and Soil, 2016, 406, 409-423.	1.8	54

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55	Zinc (Zn) concentration of bread wheat grown under Mediterranean conditions as affected by genotype and soil/foliar Zn application. Plant and Soil, 2016, 401, 331-346.	1.8	70
56	Biofortification of wheat, rice and common bean by applying foliar zinc fertilizer along with pesticides in seven countries. Plant and Soil, 2016, 403, 389-401.	1.8	125
57	Magnesium in Crop Production, Food Quality and Human Health. Crop and Pasture Science, 2015, 66, i.	0.7	9
58	High phosphorus supply reduced zinc concentration of wheat in native soil but not in autoclaved soil or nutrient solution. Plant and Soil, 2015, 393, 147-162.	1.8	112
59	X-ray fluorescence microscopy of zinc localization in wheat grains biofortified through foliar zinc applications at different growth stages under field conditions. Plant and Soil, 2015, 392, 357-370.	1.8	50
60	An effective strategy to improve grain zinc concentration of winter wheat, Aphids prevention and farmersâ€™ income. Field Crops Research, 2015, 184, 74-79.	2.3	19
61	Agronomic fortification of rice and wheat grains with zinc for nutritional security. Current Science, 2015, 109, 1171.	0.4	33
62	Effects of seed nickel reserves or externally supplied nickel on the growth, nitrogen metabolites and nitrogen use efficiency of urea- or nitrate-fed soybean. Plant and Soil, 2014, 376, 261-276.	1.8	23
63	Biofortification strategies to increase grain zinc and iron concentrations in wheat. Journal of Cereal Science, 2014, 59, 365-372.	1.8	339
64	Inclusion of urea in a <scp>⁵⁹FeEDTA</scp> solution stimulated leaf penetration and translocation of <scp>⁵⁹Fe</scp> within wheat plants. Physiologia Plantarum, 2014, 151, 348-357.	2.6	16
65	Plant mineral nutrition for nutrient and food security. Physiologia Plantarum, 2014, 151, 199-199.	2.6	1
66	Magnesium in crop production, food quality and human health. Plant and Soil, 2013, 368, 1-4.	1.8	118
67	Adequate magnesium nutrition mitigates adverse effects of heat stress on maize and wheat. Plant and Soil, 2013, 368, 57-72.	1.8	105
68	The influence of organic and conventional fertilisation and crop protection practices, preceding crop, harvest year and weather conditions on yield and quality of potato (Solanum tuberosum) in a long-term management trial. European Journal of Agronomy, 2013, 49, 83-92.	1.9	36
69	Foliar Nickel Application Alleviates Detrimental Effects of Glyphosate Drift on Yield and Seed Quality of Wheat. Journal of Agricultural and Food Chemistry, 2013, 61, 8364-8372.	2.4	20
70	The effect of organic and conventional management on the yield and quality of wheat grown in a long-term field trial. European Journal of Agronomy, 2013, 51, 71-80.	1.9	63
71	Historical changes in grain yield and quality of spring wheat varieties cultivated in Siberia from 1900 to 2010. Canadian Journal of Plant Science, 2013, 93, 425-433.	0.3	38
72	Phytosiderophore release by wheat genotypes differing in zinc deficiency tolerance grown with Zn-free nutrient solution as affected by salinity. Journal of Plant Physiology, 2013, 170, 41-46.	1.6	41

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73	Nickel-enriched seed and externally supplied nickel improve growth and alleviate foliar urea damage in soybean. Plant and Soil, 2013, 363, 61-75.	1.8	38
74	Effect of zinc nutrition on salinity-induced oxidative damages in wheat genotypes differing in zinc deficiency tolerance. Acta Physiologiae Plantarum, 2013, 35, 881-889.	1.0	20
75	Effect of Crop Protection and Fertilization Regimes Used in Organic and Conventional Production Systems on Feed Composition and Physiological Parameters in Rats. Journal of Agricultural and Food Chemistry, 2013, 61, 1017-1029.	2.4	28
76	Effect of different foliar zinc application at different growth stages on seed zinc concentration and its impact on seedling vigor in rice. Soil Science and Plant Nutrition, 2013, 59, 180-188.	0.8	103
77	Comparison of Winter Wheat Genotypes Differing in Zinc Efficiency and Origin: The Zinc Uptake and Enzyme Activity. Communications in Soil Science and Plant Analysis, 2013, 44, 2875-2883.	0.6	2
78	Zinc for the improvement of crop production and human health. Plant and Soil, 2012, 361, 1-2.	1.8	45
79	Contributions of root uptake and remobilization to grain zinc accumulation in wheat depending on post-anthesis zinc availability and nitrogen nutrition. Plant and Soil, 2012, 361, 177-187.	1.8	92
80	Bioavailability of Trace Elements in Beans and Zinc-Biofortified Wheat in Pigs. Biological Trace Element Research, 2012, 150, 147-153.	1.9	12
81	Zinc priming promotes seed germination and seedling vigor of rice. Journal of Plant Nutrition and Soil Science, 2012, 175, 482-488.	1.1	52
82	Soil fertility management effects on maize productivity and grain zinc content in smallholder farming systems of Zimbabwe. Plant and Soil, 2012, 361, 57-69.	1.8	55
83	Biofortification of wheat with zinc through zinc fertilization in seven countries. Plant and Soil, 2012, 361, 119-130.	1.8	216
84	Biofortification of rice grain with zinc through zinc fertilization in different countries. Plant and Soil, 2012, 361, 131-141.	1.8	213
85	Grain and shoot zinc accumulation in winter wheat affected by nitrogen management. Plant and Soil, 2012, 361, 153-163.	1.8	103
86	Genetic analysis of the effect of zinc deficiency on Arabidopsis growth and mineral concentrations. Plant and Soil, 2012, 361, 227-239.	1.8	9
87	Beneficial Elements. , 2012, , 249-269.		70
88	Function of Nutrients. , 2012, , 191-248.		383
89	Zinc biofortification of wheat through fertilizer applications in different locations of China. Field Crops Research, 2012, 125, 1-7.	2.3	137
90	Effect of Organic and Conventional Crop Rotation, Fertilization, and Crop Protection Practices on Metal Contents in Wheat (Triticum aestivum). Journal of Agricultural and Food Chemistry, 2011, 59, 4715-4724.	2.4	60

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91	Effect of nitrogen on root release of phytosiderophores and root uptake of Fe(III)â€phytosiderophore in Feâ€deficient wheat plants. Physiologia Plantarum, 2011, 142, 287-296.	2.6	46
92	Improved nitrogen nutrition enhances root uptake, rootâ€toâ€shoot translocation and remobilization of zinc (⁶⁵Zn) in wheat. New Phytologist, 2011, 189, 438-448.	3.5	221
93	Metabolite and mineral analyses of cotton nearâ€isogenic lines introgressed with QTLs for productivity and droughtâ€related traits. Physiologia Plantarum, 2011, 141, 265-275.	2.6	59
94	Improved nitrogen status enhances zinc and iron concentrations both in the whole grain and the endosperm fraction of wheat. Journal of Cereal Science, 2011, 53, 118-125.	1.8	155
95	Accelerated Hydrolysis Method To Estimate the Amino Acid Content of Wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5 59, 2958-2965.	2.4	14
96	Effect of nitrogen on uptake, remobilization and partitioning of zinc and iron throughout the development of durum wheat. Plant and Soil, 2011, 342, 149-164.	1.8	185
97	Biofortification of wheat with iron through soil and foliar application of nitrogen and iron fertilizers. Plant and Soil, 2011, 349, 215-225.	1.8	181
98	Expression and Cellular Localization of ZIP1 Transporter Under Zinc Deficiency in Wild Emmer Wheat. Plant Molecular Biology Reporter, 2011, 29, 582-596.	1.0	50
99	Title is missing!. ScienceAsia, 2011, 37, 296.	0.2	16
100	Shoot zinc (Zn) concentration varies widely withinBrassica oleraceaL. and is affected by soil Zn and phosphorus (P) levels. Journal of Horticultural Science and Biotechnology, 2010, 85, 375-380.	0.9	42
101	Potassium for better crop production and quality. Plant and Soil, 2010, 335, 1-2.	1.8	43
102	Phenotypic correlations, GÂÃ—ÂE interactions and broad sense heritability analysis of grain and flour quality characteristics in high latitude spring bread wheats from Kazakhstan and Siberia. Euphytica, 2010, 171, 23-38.	0.6	30
103	Genetic variation and environmental stability of grain mineral nutrient concentrations in Triticum dicoccoides under five environments. Euphytica, 2010, 171, 39-52.	0.6	106
104	Grain concentrations of protein and mineral nutrients in a large collection of spelt wheat grown under different environments. Journal of Cereal Science, 2010, 52, 342-349.	1.8	112
105	Zinc fortification of whole rice grain through parboiling process. Food Chemistry, 2010, 120, 858-863.	4.2	46
106	Genetic diversity for grain nutrients in wild emmer wheat: potential for wheat improvement. Annals of Botany, 2010, 105, 1211-1220.	1.4	132
107	Biofortification of Durum Wheat with Zinc Through Soil and Foliar Applications of Nitrogen. Cereal Chemistry, 2010, 87, 1-9.	1.1	257
108	REVIEW: Biofortification of Durum Wheat with Zinc and Iron. Cereal Chemistry, 2010, 87, 10-20.	1.1	599

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109	Biofortification and Localization of Zinc in Wheat Grain. Journal of Agricultural and Food Chemistry, 2010, 58, 9092-9102.	2.4	427
110	Glyphosate in the rhizosphereâ€"Role of waiting times and different glyphosate binding forms in soils for phytotoxicity to non-target plants. European Journal of Agronomy, 2009, 31, 126-132.	1.9	63
111	Turfgrass species response exposed to increasing rates of glyphosate application. European Journal of Agronomy, 2009, 31, 120-125.	1.9	27
112	Glyphosate reduced seed and leaf concentrations of calcium, manganese, magnesium, and iron in non-glyphosate resistant soybean. European Journal of Agronomy, 2009, 31, 114-119.	1.9	168
113	Quantitative trait loci analysis of zinc efficiency and grain zinc concentration in wheat using whole genome average interval mapping. Plant and Soil, 2009, 314, 49-66.	1.8	101
114	Quantitative trait loci conferring grain mineral nutrient concentrations in durum wheatÂÃ—Âwild emmer wheat RIL population. Theoretical and Applied Genetics, 2009, 119, 353-369.	1.8	264
115	Enrichment of fertilizers with zinc: An excellent investment for humanity and crop production in India. Journal of Trace Elements in Medicine and Biology, 2009, 23, 281-289.	1.5	207
116	Differential expression of wheat transcriptomes in response to varying cadmium concentrations. Biologia Plantarum, 2008, 52, 703-708.	1.9	20
117	Grain zinc, iron and protein concentrations and zinc-efficiency in wild emmer wheat under contrasting irrigation regimes. Plant and Soil, 2008, 306, 57-67.	1.8	181
118	Enrichment of cereal grains with zinc: Agronomic or genetic biofortification?. Plant and Soil, 2008, 302, 1-17.	1.8	1,553
119	Zinc crops 2007: improving crop production and human health. Plant and Soil, 2008, 306, 1-2.	1.8	15
120	Glyphosate-induced impairment of plant growth and micronutrient status in glyphosate-resistant soybean (Glycine max L.). Plant and Soil, 2008, 312, 185-194.	1.8	87
121	Role of magnesium in carbon partitioning and alleviating photooxidative damage. Physiologia Plantarum, 2008, 133, 692-704.	2.6	387
122	Glyphosate inhibition of ferric reductase activity in iron deficient sunflower roots. New Phytologist, 2008, 177, 899-906.	3.5	45
123	Special topics in potassium and magnesium research. Physiologia Plantarum, 2008, 133, 623-623.	2.6	6
124	Zinc Deficiency in Wheat in Turkey. , 2008, , 181-200.		37
125	Root Uptake of Lipophilic Zincâ^'Rhamnolipid Complexes. Journal of Agricultural and Food Chemistry, 2008, 56, 2112-2117.	2.4	40
126	Natural Variation And Identification Of Microelements Content In Seeds Of Einkorn Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	40

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127	Peanut/maize intercropping induced changes in rhizosphere and nutrient concentrations in shoots. Plant Physiology and Biochemistry, 2007, 45, 350-356.	2.8	219
128	Effects of agricultural production systems and their components on protein profiles of potato tubers. Proteomics, 2007, 7, 597-604.	1.3	66
129	Effects of Zinc Deficiency and Drought on Grain Yield of Field-grown Wheat Cultivars in Central Anatolia. Journal of Agronomy and Crop Science, 2007, 193, 198-206.	1.7	143
130	Multiple QTL-effects of wheat Gpc-B1 locus on grain protein and micronutrient concentrations. Physiologia Plantarum, 2007, 129, 635-643.	2.6	244
131	Leaf-applied sodium chloride promotes cadmium accumulation in durum wheat grain. Plant and Soil, 2007, 290, 323-331.	1.8	37
132	Iron and zinc grain density in common wheat grown in Central Asia. Euphytica, 2007, 155, 193-203.	0.6	284
133	Foliar-Applied Glyphosate Substantially Reduced Uptake and Transport of Iron and Manganese in Sunflower (Helianthus annuusL.) Plants. Journal of Agricultural and Food Chemistry, 2006, 54, 10019-10025.	2.4	131
134	Multi-elemental speciation analysis of barley genotypes differing in tolerance to cadmium toxicity using SEC-ICP-MS and ESI-TOF-MS. Journal of Analytical Atomic Spectrometry, 2006, 21, 996.	1.6	38
135	Genotypic variation in the response of pepper to salinity. Scientia Horticulturae, 2006, 110, 260-266.	1.7	103
136	Concentration and localization of zinc during seed development and germination in wheat. Physiologia Plantarum, 2006, 128, 144-152.	2.6	314
137	Genotypic variation in phosphorus efficiency between wheat cultivars grown under greenhouse and field conditions. Soil Science and Plant Nutrition, 2006, 52, 470-478.	0.8	61
138	Antioxidant defense system and cadmium uptake in barley genotypes differing in cadmium tolerance. Journal of Trace Elements in Medicine and Biology, 2006, 20, 181-189.	1.5	137
139	Reactive Oxygen Species Production in Wheat Roots Is Not Linked with Changes in H⁺Fluxes During Acidic and Aluminium Stresses. Plant Signaling and Behavior, 2006, 1, 70-75.	1.2	16
140	Effect of Zinc Humate on Growth of Soybean and Wheat in Zincâ€Deficient Calcareous Soil. Communications in Soil Science and Plant Analysis, 2006, 37, 2769-2778.	0.6	40
141	Variation in phosphorus efficiency among 73 bread and durum wheat genotypes grown in a phosphorus-deficient calcareous soil. Plant and Soil, 2005, 269, 69-80.	1.8	171
142	Triticum durum Metallothionein. Journal of Biological Chemistry, 2005, 280, 13701-13711.	1.6	54
143	The role of potassium in alleviating detrimental effects of abiotic stresses in plants. Journal of Plant Nutrition and Soil Science, 2005, 168, 521-530.	1.1	901
144	Genotypic variation in common bean in response to zinc deficiency in calcareous soil. Plant and Soil, 2004, 259, 71-83.	1.8	59

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145	Inheritance of tolerance to leaf iron deficiency chlorosis in tomato. Euphytica, 2004, 139, 51-57.	0.6	11
146	Triticum dicoccoides: An important genetic resource for increasing zinc and iron concentration in modern cultivated wheat. Soil Science and Plant Nutrition, 2004, 50, 1047-1054.	0.8	298
147	Effect of zinc fertilization on cadmium toxicity in durum and bread wheat grown in zinc-deficient soil. Environmental Pollution, 2004, 131, 453-459.	3.7	107
148	Shoot biomass and zinc/cadmium uptake for hyperaccumulator and non-accumulator Thlaspi species in response to growth on a zinc-deficient calcareous soil. Plant Science, 2003, 164, 1095-1101.	1.7	56
149	Zinc Efficiency Is Correlated with Enhanced Expression and Activity of Zinc-Requiring Enzymes in Wheat. Plant Physiology, 2003, 131, 595-602.	2.3	145
150	Influence of Gyttja on Shoot Growth and Shoot Concentrations of Zinc and Boron of Wheat Cultivars Grown on Zincâ€Deficient and Boronâ€Toxic Soil. Journal of Plant Nutrition, 2003, 26, 869-881.	0.9	6
151	Activities of Ironâ€Containing Enzymes in Leaves of Two Tomato Genotypes Differing in Their Resistance to Fe Chlorosis. Journal of Plant Nutrition, 2003, 26, 1997-2007.	0.9	20
152	Differences in Shoot Boron Concentrations, Leaf Symptoms, and Yield of Turkish Barley Cultivars Grown on Boronâ€Toxic Soil in Field. Journal of Plant Nutrition, 2002, 26, 1735-1747.	0.9	26
153	Plant nutrition research: Priorities to meet human needs for food in sustainable ways. , 2002, , 3-24.		24
154	PHYTIC ACID AND PHOSPHORUS CONCENTRATIONS IN SEEDS OF WHEAT CULTIVARS GROWN WITH AND WITHOUT ZINC FERTILIZATION*. Journal of Plant Nutrition, 2002, 25, 113-127.	0.9	103
155	Determination of screening techniques to salinity tolerance in tomatoes and investigation of genotype responses. Plant Science, 2002, 163, 695-703.	1.7	137
156	Title is missing!. Plant and Soil, 2002, 241, 97-104.	1.8	17
157	Title is missing!. Plant and Soil, 2002, 241, 251-257.	1.8	72
158	Plant nutrition research: Priorities to meet human needs for food in sustainable ways. Plant and Soil, 2002, 247, 3-24.	1.8	383
159	Phytosiderophore release in Aegilops tauschii and Triticum species under zinc and iron deficiencies. Journal of Experimental Botany, 2001, 52, 1093-1099.	2.4	46
160	TOLERANCE OF 65 DURUM WHEAT GENOTYPES TO ZINC DEFICIENCY IN A CALCAREOUS SOIL. Journal of Plant Nutrition, 2001, 24, 1831-1847.	0.9	34
161	Plant nutrition research: Priorities to meet human needs for food in sustainable ways. , 2001, , 4-7.		63
162	EFFECTS OF ZINC FERTILIZATION ON GRAIN YIELD AND SHOOT CONCENTRATIONS OF ZINC, BORON, AND PHOSPHORUS OF 25 WHEAT CULTIVARS GROWN ON A ZINC-DEFICIENT AND BORON-TOXIC SOIL. Journal of Plant Nutrition, 2001, 24, 1817-1829.	0.9	57

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163	Tansley Review No. 111. New Phytologist, 2000, 146, 185-205.	3.5	1,047
164	Title is missing!. Plant and Soil, 2000, 219, 279-284.	1.8	60
165	Effect of iron and zinc deficiency on release of phytosiderophores in barley cultivars differing in zinc efficiency. Journal of Plant Nutrition, 2000, 23, 1645-1656.	0.9	28
166	Zinc and Iron Concentrations in Seeds of Wild, Primitive, and Modern Wheats. Food and Nutrition Bulletin, 2000, 21, 401-403.	0.5	162
167	Differences in shoot growth and zinc concentration of 164 bread wheat genotypes in a zincâ€deficient calcareous soil. Journal of Plant Nutrition, 2000, 23, 1251-1265.	0.9	28
168	Uptake and retranslocation of leafâ€applied cadmium (109Cd) in diploid, tetraploid and hexaploid wheats. Journal of Experimental Botany, 2000, 51, 221-226.	2.4	82
169	Possible role of phytosiderphore release and zinc uptake by roots in zinc efficiency of various cereal genotypes. , 2000, , 153-159.		0
170	Title is missing!. Plant and Soil, 1999, 215, 203-209.	1.8	41
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