Karl H MÃ¼hling

List of Publications by Year
in descending order

132 papers	3,925 citations	101496 36 h-index	155592 55 g-index
137 all docs	137 docs citations	137 times ranked	4131 citing authors

#	Article	IF	Citations
1	Impact of different chloride salts and their concentrations on nitrification and trace gas emissions from a sandy soil under a controlled environment. Soil Use and Management, 2022, 38, 861-872.	2.6	6
2	Efficacy of four nitrification inhibitors for the mitigation of nitrous oxide emissions under different soil temperature and moisture[#]. Journal of Plant Nutrition and Soil Science, 2022, 185, 60-68.	1.1	11
3	Proximate analysis of nutrients and in vitro radical scavenging efficacy in selected medicinal plant powders with potential for use as poultry feed additives. South African Journal of Botany, 2022, 146, 103-110.	1.2	5
4	Crosstalk between Selenium and Sulfur Is Associated with Changes in Primary Metabolism in Lettuce Plants Grown under Se and S Enrichment. Plants, 2022, 11, 927.	1.6	10
5	Phytoremediation Capability and Copper Uptake of Maize (Zea mays L.) in Copper Contaminated Soils. Pollutants, 2022, 2, 53-65.	1.0	6
6	Alkali salt stress causes fast leaf apoplastic alkalinization together with shifts in ion and metabolite composition and transcription of key genes during the early adaptive response of Vicia faba L. Plant Science, 2022, 319, 111253.	1.7	5
7	Alterations of Content and Composition of Individual Sulfolipids, and Change of Fatty Acids Profile of Galactolipids in Lettuce Plants (Lactuca sativa L.) Grown under Sulfur Nutrition. Plants, 2022, 11, 1342.	1.6	3
8	A method to experimentally clamp leaf water content to defined values to assess its effects on apoplastic pH. Plant Methods, 2022, 18, .	1.9	2
9	Oneâ€time abscisic acid priming induces longâ€term salinity resistance in <i>Vicia faba</i>: Changes in key transcripts, metabolites, and ionic relations. Physiologia Plantarum, 2021, 172, 146-161.	2.6	18
10	Salinity resistance as a function of NH4+:NO3- ratio and its impact on yield and quality of tomato () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	4
11	Phosphate foliar application increases biomass and P concentration in P deficient maize. Journal of Plant Nutrition and Soil Science, 2021, 184, 360-370.	1.1	10
12	Iodine Biofortification of Apples and Pears in an Orchard Using Foliar Sprays of Different Composition. Frontiers in Plant Science, 2021, 12, 638671.	1.7	15
13	Acidified Biogas Residues Improve Nutrient Uptake and Growth of Young Maize. Agronomy, 2021, 11, 344.	1.3	2
14	Utilization of soil organic phosphorus as a strategic approach forÂsustainable agriculture. Journal of Plant Nutrition and Soil Science, 2021, 184, 311-319.	1.1	21
15	Evaluation of Maize Growth Following Early Season Foliar P Supply of Various Fertilizer Formulations and in Relation to Nutritional Status. Agronomy, 2021, 11, 727.	1.3	5
16	One-Time Foliar Application and Continuous Resupply via Roots Equally Improved the Growth and Physiological Response of B-Deficient Oilseed Rape. Plants, 2021, 10, 866.	1.6	3
17	Boron uptake and distribution by oilseed rape (Brassica napus L.) as affected by different nitrogen forms under low and high boron supply. Plant Physiology and Biochemistry, 2021, 161, 156-165.	2.8	13
18	Comparative Effectiveness of Four Nitrification Inhibitors for Mitigating Carbon Dioxide and Nitrous Oxide Emissions from Three Different Textured Soils. Nitrogen, 2021, 2, 155-166.	0.6	12

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19	Comparative Metabolite Profile, Biological Activity and Overall Quality of Three Lettuce (Lactuca) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.0	21
20	Comparative Effectiveness of Biogas Residue Acidification and Nitrification Inhibitors in Mitigating CO2 and N2O Emissions from Biogas Residue-Amended Soils. Water, Air, and Soil Pollution, 2021, 232, 1.	1.1	4
21	Einfluss einer Schwefelâ€Biofortifizierung auf den Sulfolipidgehalt von zwei ausgewÃhlte Salatsorten. Lebensmittelchemie, 2021, 75, S100.	0.0	0
22	Uptake, subcellular distribution, and translocation of foliar-applied phosphorus: Short-term effects on ion relations in deficient young maize plants. Plant Physiology and Biochemistry, 2021, 166, 677-688.	2.8	12
23	Lithium: Perspectives of nutritional beneficence, dietary intake, biogeochemistry, and biofortification of vegetables and mushrooms. Science of the Total Environment, 2021, 798, 149249.	3.9	16
24	Early growth reduction in Vicia faba L. under alkali salt stress is mainly caused by excess bicarbonate and related to citrate and malate over accumulation. Environmental and Experimental Botany, 2021, 192, 104636.	2.0	13
25	Selenium Enrichment of Green and Red Lettuce and the Induction of Radical Scavenging Potential. Horticulturae, 2021, 7, 488.	1.2	8
26	Is Nâ€feedback involved in the regulation of nitrogenase activity in Medicago truncatula ?. Journal of Plant Nutrition and Soil Science, 2020, 183, 42-45.	1.1	2
27	Selenium foliar application alters patterns of glucosinolate hydrolysis products of pak choi Brassica rapa L. var. chinensis. Scientia Horticulturae, 2020, 273, 109614.	1.7	9
28	Ammonium-driven nitrification plays a key role in increasing Mn availability in calcareous soils. Journal of Plant Nutrition and Soil Science, 2020, 183, 550-550.	1.1	1
29	Regulation of Selenium/Sulfur Interactions to Enhance Chemopreventive Effects: Lessons to Learn from Brassicaceae. Molecules, 2020, 25, 5846.	1.7	21
30	Iodine biofortification of field-grown strawberries â€" Approaches and their limitations. Scientia Horticulturae, 2020, 269, 109317.	1.7	24
31	Iodine uptake and translocation in apple trees grown under protected cultivation. Journal of Plant Nutrition and Soil Science, 2020, 183, 468-481.	1.1	14
32	Effects of a late N fertiliser dose on storage protein composition and bread volume of two wheat varieties differing in quality. Journal of Cereal Science, 2020, 93, 102944.	1.8	17
33	Ammoniumâ€driven nitrification plays a key role in increasing Mn availability in calcareous soils. Journal of Plant Nutrition and Soil Science, 2020, 183, 389-396.	1.1	3
34	Foliar N Application at Anthesis Stimulates Gene Expression of Grain Protein Fractions and Alters Protein Body Distribution in Winter Wheat (<i>Triticum aestivum</i> L.). Journal of Agricultural and Food Chemistry, 2019, 67, 12709-12719.	2.4	3
35	Divergent metabolic adjustments in nodules are indispensable for efficient N2 fixation of soybean under phosphate stress. Plant Science, 2019, 289, 110249.	1.7	18
36	Protein Composition and Baking Quality of Wheat Flour as Affected by Split Nitrogen Application. Frontiers in Plant Science, 2019, 10, 642.	1.7	36

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37	Foliar N application at anthesis alters grain protein composition and enhances baking quality in winter wheat only under a low N fertiliser regimen. European Journal of Agronomy, 2019, 109, 125909.	1.9	36
38	Splitting nitrogen applications improves wheat storage protein composition under low N supply. Journal of Plant Nutrition and Soil Science, 2019, 182, 347-355.	1.1	7
39	Silicon decreases cadmium concentrations by modulating root endodermal suberin development in wheat plants. Journal of Hazardous Materials, 2019, 364, 581-590.	6.5	112
40	Timing of Waterlogging Is Crucial for the Development of Micronutrient Deficiencies or Toxicities in Winter Wheat and Rapeseed. Journal of Plant Growth Regulation, 2019, 38, 824-830.	2.8	8
41	Zinc seed priming improves salt resistance in maize. Journal of Agronomy and Crop Science, 2018, 204, 390-399.	1.7	36
42	Sulfate facilitates cadmium accumulation in leaves of Vicia faba L. at flowering stage. Ecotoxicology and Environmental Safety, 2018, 156, 375-382.	2.9	18
43	Waterlogging events during stem elongation or flowering affect yield of oilseed rape (<i>Brassica) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	46
44	Assessing How the Aluminum-Resistance Traits in Wheat and Rye Transfer to Hexaploid and Octoploid Triticale. Frontiers in Plant Science, 2018, 9, 1334.	1.7	9
45	Sulfate supply enhances cadmium tolerance in Vicia faba L. plants. Environmental Science and Pollution Research, 2018, 25, 33794-33805.	2.7	13
46	Grain storage protein concentration and composition of winter wheat (Triticum aestivum L.) as affected by waterlogging events during stem elongation or ear emergence. Journal of Cereal Science, 2018, 83, 9-15.	1.8	13
47	Nutrient deficiencies do not contribute to yield loss after waterlogging events in winter wheat (<i>Triticum aestivum</i>). Annals of Applied Biology, 2018, 173, 141-153.	1.3	9
48	Early changes of the pH of the apoplast are different in leaves, stem and roots of Vicia faba L. under declining water availability. Plant Science, 2017, 255, 51-58.	1.7	23
49	Classification of oilseed rape accessions according to sulfur-related plant traits in short-term experiments reflects agronomic performance in field experiments. Industrial Crops and Products, 2017, 107, 73-80.	2.5	0
50	Calcium improves apoplasticâ€“cytosolic ion homeostasis in salt-stressed Vicia faba leaves. Functional Plant Biology, 2017, 44, 515.	1.1	6
51	Zinc distribution and localization in primed maize seeds and its translocation during early seedling development. Environmental and Experimental Botany, 2017, 143, 91-98.	2.0	30
52	Sulfur uptake and remobilization are differentially affected by N deficiency in winter oilseed rape cultivars. Journal of Plant Nutrition, 2017, 40, 524-531.	0.9	4
53	The Effect of Sulfur Nutrition on Glucosinolate Patterns and Their Breakdown Products in Vegetable Crops. Proceedings of the International Plant Sulfur Workshop, 2017, , 61-73.	0.1	0
54	Split Nitrogen Application Improves Wheat Baking Quality by Influencing Protein Composition Rather Than Concentration. Frontiers in Plant Science, 2016, 7, 738.	1.7	78

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55	Nitrogen efficiency and leaf nitrogen remobilisation of oilseed rape lines and hybrids. Annals of Applied Biology, 2016, 169, 125-133.	1.3	14
56	Late nitrogen application increased protein concentration but not baking quality of wheat. Journal of Plant Nutrition and Soil Science, 2016, 179, 591-601.	1.1	29
57	Silicon-enhanced oxalate exudation contributes to alleviation of cadmium toxicity in wheat. Environmental and Experimental Botany, 2016, 131, 10-18.	2.0	62
58	Salinity Stiffens the Epidermal Cell Walls of Salt-Stressed Maize Leaves: Is the Epidermis Growth-Restricting?. PLoS ONE, 2015, 10, e0118406.	1.1	57
59	Obituary. Journal of Plant Physiology, 2015, 179, 133.	1.6	0
60	Glutamine synthetase activity in leaves of Zea mays L. as influenced by magnesium status. Planta, 2015, 242, 1309-1319.	1.6	27
61	Fast responses of metabolites in Vicia faba L. to moderate NaCl stress. Plant Physiology and Biochemistry, 2015, 92, 19-29.	2.8	19
62	Down-Regulation of ZmEXPB6 (Zea mays Î²-Expansin 6) Protein Is Correlated with Salt-mediated Growth Reduction in the Leaves of Z. mays L.. Journal of Biological Chemistry, 2015, 290, 11235-11245.	1.6	27
63	Chlorideâ€inducible transient apoplastic alkalinizations induce stomata closure by controlling abscisic acid distribution between leaf apoplast and guard cells in saltâ€stressed <i>Vicia faba</i>. New Phytologist, 2015, 208, 803-816.	3.5	77
64	Bacterially produced Pt-GFP as ratiometric dual-excitation sensor for in planta mapping of leaf apoplastic pH in intact Avena sativa and Vicia faba. Plant Methods, 2014, 10, 31.	1.9	22
65	Increasing root and leaf growth and yield in Mgâ€deficient faba beans (<i>Vicia faba</i>) by MgSO₄ foliar fertilization. Journal of Plant Nutrition and Soil Science, 2014, 177, 741-747.	1.1	36
66	Salinity Stress in Roots of Contrasting Barley Genotypes Reveals Time-Distinct and Genotype-Specific Patterns for Defined Proteins. Molecular Plant, 2014, 7, 336-355.	3.9	51
67	Leaf ion homeostasis and plasma membrane H+-ATPase activity in Vicia faba change after extra calcium and potassium supply under salinity. Plant Physiology and Biochemistry, 2014, 82, 244-253.	2.8	39
68	Cold season ammonia emissions from land spreading with anaerobic digestates from biogas production. Atmospheric Environment, 2014, 84, 35-38.	1.9	8
69	Emission of N2O from Biogas Crop Production Systems in Northern Germany. Bioenergy Research, 2014, 7, 1223-1236.	2.2	34
70	Microscopic and macroscopic monitoring of adaxialâ€"abaxial pH gradients in the leaf apoplast of Vicia faba L. as primed by NaCl stress at the roots. Plant Science, 2014, 223, 109-115.	1.7	15
71	Photosynthetic capacity, nutrient status, and growth of maize (Zea mays L.) upon MgSO4 leaf-application. Frontiers in Plant Science, 2014, 5, 781.	1.7	88
72	Transcript expression of Mg-chelatase and H+-ATPase isogenes in Vicia faba leaves as influenced by root and foliar magnesium supply. Plant and Soil, 2013, 368, 41-50.	1.8	26

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73	Metabolomic responses in grain, ear, and straw of winter wheat under increasing sulfur treatment. Journal of Plant Nutrition and Soil Science, 2013, 176, 964-970.	1.1	8
74	The influence of salt stress on ABA and auxin concentrations in two maize cultivars differing in salt resistance. Journal of Plant Physiology, 2013, 170, 220-224.	1.6	105
75	Ratiometric monitoring of transient apoplastic alkalinizations in the leaf apoplast of living <i><scp>V</scp>icia faba</i> plants: chloride primes and <scp>PM</scp>â€“<scp>H</scp>⁺â€<scp>ATP</scp>ase shapes <scp>N</scp>a<scp>C</scp>lâ€induced systemic alkalinizations. New Phytologist, 2013, 197, 1117-1129.	3.5	37
76	Apoplastic Na⁺ in <i>Vicia faba</i> Leaves Rises After Shortâ€Term Salt Stress and Is Remedied by Silicon. Journal of Agronomy and Crop Science, 2013, 199, 161-170.	1.7	64
77	Silencing of the sulfur rich Î±-gliadin storage protein family in wheat grains (Triticum aestivum L.) causes no unintended side-effects on other metabolites. Frontiers in Plant Science, 2013, 4, 369.	1.7	22
78	Soil denitrification potential and its influence on N₂O reduction and N₂O isotopomer ratios. Rapid Communications in Mass Spectrometry, 2013, 27, 2363-2373.	0.7	46
79	Calcium supply effects on wheat cultivars differing in salt resistance with special reference to leaf cytosol ion homeostasis. Physiologia Plantarum, 2013, 149, 321-328.	2.6	14
80	Metabolite profiling of wheat flag leaf and grains during grain filling phase as affected by sulfur fertilisation. Functional Plant Biology, 2012, 39, 156.	1.1	14
81	Time-dependent distribution of sulphur, sulphate and glutathione in wheat tissues and grain as affected by three sulphur fertilization levels and late S fertilization. Journal of Plant Physiology, 2012, 169, 72-77.	1.6	19
82	Comparison of baking tests using wholemeal and white wheat flour. European Food Research and Technology, 2012, 234, 845-851.	1.6	7
83	Growthâ€Related Changes in Subcellular Ion Patterns in Maize Leaves (<i>Zea mays</i> L.) under Salt Stress. Journal of Agronomy and Crop Science, 2012, 198, 46-56.	1.7	45
84	Transient alkalinization in the leaf apoplast of <i>Vicia faba</i> L. depends on NaCl stress intensity: an <i>in situ</i> ratio imaging study. Plant, Cell and Environment, 2012, 35, 578-587.	2.8	28
85	Determination of oxidative stress in wheat leaves as influenced by boron toxicity and NaCl stress. Plant Physiology and Biochemistry, 2012, 56, 56-61.	2.8	40
86	Interactive Effects of High Boron and NaCl Stresses on Subcellular Localization of Chloride and Boron in Wheat Leaves. Journal of Agronomy and Crop Science, 2012, 198, 227-235.	1.7	28
87	Real-Time Imaging of Leaf Apoplastic pH Dynamics in Response to NaCl Stress. Frontiers in Plant Science, 2011, 2, 13.	1.7	52
88	Proteome analysis of <i>Fusarium</i> infection in emmer grains (<i>Triticum dicoccum</i>). Plant Pathology, 2011, 60, 918-928.	1.2	27
89	Rapid shift from denitrification to nitrification in soil after biogas residue application as indicated by nitrous oxide isotopomers. Soil Biology and Biochemistry, 2011, 43, 1671-1677.	4.2	62
90	Comparative evaluation of extraction methods for apoplastic proteins from maize leaves. Plant Methods, 2011, 7, 48.	1.9	68

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91	Apoplastic pH and growth in expanding leaves of Vicia faba under salinity. Environmental and Experimental Botany, 2011, 74, 31-36.	2.0	19
92	Differential Transcript Expression of Wall-loosening Candidates in Leaves of Maize Cultivars Differing in Salt Resistance. Journal of Plant Growth Regulation, 2011, 30, 387-395.	2.8	32
93	Î²-expansins are divergently abundant in maize cultivars that contrast in their degree of salt resistance. Plant Signaling and Behavior, 2011, 6, 1279-1281.	1.2	8
94	Quantitative proteome analysis of wheat gluten as influenced by N and S nutrition. Plant and Soil, 2010, 327, 225-234.	1.8	41
95	A methodical approach for improving the reliability of quantifiable two-dimensional Western blots. Journal of Immunological Methods, 2010, 362, 89-94.	0.6	6
96	Salt stress differentially affects growth-mediating Î²-expansins in resistant and sensitive maize (Zea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.8	72
97	Proteomic changes in maize roots after shortâ€term adjustment to saline growth conditions. Proteomics, 2010, 10, 4441-4449.	1.3	127
98	Membrane-Associated, Boron-Interacting Proteins Isolated by Boronate Affinity Chromatography. Plant and Cell Physiology, 2009, 50, 1292-1304.	1.5	93
99	Salzstress bei Kulturpflanzen: Bedeutung fÃ¼r die weltweite Pflanzenproduktion. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2009, 4, 202-206.	0.5	1
100	Emission klimarelevanter Spurengase in der intensiven Pflanzenproduktion. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2009, 4, 207-211.	0.5	3
101	Contribution of nitrification and denitrification to nitrous oxide emissions from soils after application of biogas waste and other fertilizers. Rapid Communications in Mass Spectrometry, 2009, 23, 2489-2498.	0.7	111
102	Interactive Effects of Sulfur and Nitrogen Supply on the Concentration of Sinigrin and Allyl Isothiocyanate in Indian Mustard (Brassica juncea L.). Journal of Agricultural and Food Chemistry, 2009, 57, 3837-3844.	2.4	27
103	Quantitative Protein Composition and Baking Quality of Winter Wheat as Affected by Late Sulfur Fertilization. Journal of Agricultural and Food Chemistry, 2009, 57, 3877-3885.	2.4	48
104	The apoplastic pH and its significance in adaptation to salinity in maize (Zea mays L.): Comparison of fluorescence microscopy and pH-sensitive microelectrodes. Plant Science, 2009, 176, 497-504.	1.7	38
105	Decline in leaf growth under salt stress is due to an inhibition of H⁺â€pumping activity and increase in apoplastic pH of maize leaves. Journal of Plant Nutrition and Soil Science, 2009, 172, 535-543.	1.1	64
106	Comparative proteome analysis of maize (<i>Zea mays</i> L.) expansins under salinity. Journal of Plant Nutrition and Soil Science, 2009, 172, 75-77.	1.1	17
107	Influence of sulfur and nitrogen supply on growth, nutrient status and concentration of benzylâ€isothiocyanate in cress (<i>Lepidium sativum</i> L.). Journal of the Science of Food and Agriculture, 2008, 88, 2576-2580.	1.7	6
108	Isothiocyanate Concentration in Kohlrabi (Brassica oleracea L. Var. gongylodes) Plants As Influenced by Sulfur and Nitrogen Supply. Journal of Agricultural and Food Chemistry, 2008, 56, 8334-8342.	2.4	27

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109	Detection of putative selenoproteins in Chinese cabbage (<i>Brassica pekinensis</i> L.). Journal of Plant Nutrition and Soil Science, 2007, 170, 657-658.	1.1	1
110	High apoplastic solute concentrations in leaves alter water relations of the halophytic shrub, Sarcobatus vermiculatus. Journal of Experimental Botany, 2006, 57, 139-147.	2.4	33
111	Does H+ pumping by plasmalemma ATPase limit leaf growth of maize (Zea mays) during the first phase of salt stress?. Journal of Plant Nutrition and Soil Science, 2005, 168, 550-557.	1.1	39
112	Influence of Nitrogen Nutrition on Tuber Quality of Potato with Special Reference to the Pathway of Nitrate Transport into Tubers. Journal of Plant Nutrition, 2004, 27, 341-350.	0.9	24
113	Interaction of NaCl and Cd stress on compartmentation pattern of cations, antioxidant enzymes and proteins in leaves of two wheat genotypes differing in salt tolerance. Plant and Soil, 2003, 253, 219-231.	1.8	67
114	The interaction between salinity and boron toxicity affects the subcellular distribution of ions and proteins in wheat leaves. Plant, Cell and Environment, 2003, 26, 1267-1274.	2.8	99
115	Effect of salt stress on growth and cation compartmentation in leaves of two plant species differing in salt tolerance. Journal of Plant Physiology, 2002, 159, 137-146.	1.6	79
116	Determination of apoplastic Na+ in intact leaves of cotton by in vivo fluorescence ratio-imaging. Functional Plant Biology, 2002, 29, 1491.	1.1	30
117	INFLUENCE OF CHEMICAL FORM AND CONCENTRATION OF NITROGEN ON APOPLASTIC pH OF LEAVES. Journal of Plant Nutrition, 2001, 24, 399-411.	0.9	24
118	Is the infiltration-centrifugation technique appropriate for the isolation of apoplastic fluid? A critical evaluation with different plant species. Physiologia Plantarum, 2001, 111, 457-465.	2.6	227
119	Light-induced pH and K + changes in the apoplast of intact leaves. Planta, 2000, 212, 9-15.	1.6	50
120	Effect of K+ nutrition, leaf age and light intensity on apoplastic K+ in leaves ofVicia faba. Journal of Plant Nutrition and Soil Science, 1999, 162, 571-576.	1.1	11
121	Apoplastic and membrane-associated Ca2+ in leaves and roots as affected by boron deficiency. Physiologia Plantarum, 1998, 102, 179-184.	2.6	49
122	The apoplast â€” its significance for the nutrition of higher plants. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1998, 161, 485-498.	0.4	41
123	Determination of apoplastic K+in intact leaves by ratio imaging of PBFI fluorescence. Journal of Experimental Botany, 1997, 48, 1609-1614.	2.4	41
124	Soil nitrogen fractions as influenced by sample preparation and extraction. Communications in Soil Science and Plant Analysis, 1997, 28, 551-559.	0.6	3
125	Leaching from the leaf surface and its significance for apoplastic ion balance. , 1997, , 87-88.		5
126	Apoplastic pH of intact leaves ofVicia fabaas influenced by light. Journal of Experimental Botany, 1995, 46, 377-382.	2.4	84

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127	Apoplastic Ion Concentration of Intact Leaves of Field Bean (Vicia faba) as Influenced by Ammonium and Nitrate Nutrition. Journal of Plant Physiology, 1995, 147, 81-86.	1.6	79
128	Mechanism of sugar retention by roots of intact maize and field bean plants. Plant and Soil, 1993, 155-156, 99-102.	1.8	13
129	Influence of minerals on cytoplasmic streaming in root hairs of intact wheat seedlings (Triticum) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	9
130	Role of Plasmalemma H+ ATPase in Sugar Retention by Roots of Intact Maize and Field Bean Plants. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1993, 156, 155-161.	0.4	18
131	Mechanism of sugar retention by roots of intact maize and field bean plants. , 1993, , 103-106.		4
132	Determination of phytotoxic soil aluminium by electroultrafiltration. Zeitschrift Fur Pflanzenernahrung Und Bodenkunde = Journal of Plant Nutrition and Plant Science, 1988, 151, 267-271.	0.4	3