

# Research on potassium in agriculture: needs and prospects

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Moderate sodium has positive effects on shoots but not roots of salt-tolerant barley grown in a potassium-deficient sandy soil. <i>Crop and Pasture Science</i> , 2011, 62, 972.	0.7	12
2	Short-term effects of potassium fertilization on the hydraulic conductance of <i>Laurus nobilis</i> L.. <i>Tree Physiology</i> , 2011, 31, 131-138.	1.4	69
3	Comparison of gas exchange and chlorophyll fluorescence of low-potassium-tolerant and -sensitive soybean [ <i>Glycine max</i> (L.) Merr.] cultivars under low-potassium condition. <i>Photosynthetica</i> , 2011, 49, 633-636.	0.9	20
4	Root Hairs Play a Key Role in the Endophytic Colonization of Olive Roots by <i>Pseudomonas</i> spp. with Biocontrol Activity. <i>Microbial Ecology</i> , 2011, 62, 435-445.	1.4	142
5	Is iron phloem mobile during senescence in trees? A reinvestigation of Rissmüller's finding of 1874. <i>Plant Physiology and Biochemistry</i> , 2011, 49, 489-493.	2.8	10
6	Effects of potassium supply on limitations of photosynthesis by mesophyll diffusion conductance in <i>Carya cathayensis</i> . <i>Tree Physiology</i> , 2011, 31, 1142-1151.	1.4	138
7	Root K <sup>+</sup> Acquisition in Plants: The <i>Arabidopsis thaliana</i> Model. <i>Plant and Cell Physiology</i> , 2011, 52, 1603-1612.	1.5	154
8	Do changes in carbon allocation account for the growth response to potassium and sodium applications in tropical <i>Eucalyptus</i> plantations?. <i>Tree Physiology</i> , 2012, 32, 667-679.	1.4	57
9	EVALUATION OF APPLICATION METHODS AND RATES OF ZINC AND BORON ON NITROGEN, PHOSPHORUS AND POTASSIUM CONTENTS OF MAIZE LEAF. <i>Journal of Plant Nutrition</i> , 2012, 35, 1210-1224.	0.9	7
10	A new method for determination of potassium in soils using diffusive gradients in thin films (DGT). <i>Environmental Chemistry</i> , 2012, 9, 14.	0.7	15
11	A Ca <sup>2+</sup> -Sensitive System Mediates Low-Affinity K <sup>+</sup> Uptake in the Absence of AKT1 in <i>Arabidopsis</i> Plants. <i>Plant and Cell Physiology</i> , 2012, 53, 2047-2059.	1.5	40
12	Effects of Simulated Acid Rain on Soil Chemical Properties of Potting Yellow Cinnamon Soil under <i>Quercus Variabilis</i> . <i>Applied Mechanics and Materials</i> , 2012, 260-261, 776-780.	0.2	0
13	Improving Water Use Efficiency for Sustainable Agriculture. , 2012, , 167-211.		11
14	Genotypic variation of potassium uptake and use efficiency in cotton ( <i>Gossypium hirsutum</i> ). <i>Journal of Plant Nutrition and Soil Science</i> , 2012, 175, 303-308.	1.1	27
15	Bacterial endophytes and root hairs. <i>Plant and Soil</i> , 2012, 361, 301-306.	1.8	54
17	Water Stress and Afforestation: A Contribution to Ameliorate Forest Seedling Performance During the Establishment. , 2012, , .		2
18	The Effects of Chloride and Potassium Nutrition on Seed Yield of Annual Canarygrass. <i>Agronomy Journal</i> , 2012, 104, 1023-1031.	0.9	6
19	K <sup>+</sup> Nutrition, Uptake, and Its Role in Environmental Stress in Plants. , 2012, , 85-112.		6

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20	Fate of Macronutrients in Water Treatment of Digestate Using Vibrating Reversed Osmosis. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1593-1603.	1.1	42
21	The dynamics of potassium uptake and use, leaf gas exchange and root growth throughout plant phenological development and its effects on seed yield in wheat ( <i>Triticum aestivum</i> ) on a low-K sandy soil. <i>Plant and Soil</i> , 2013, 373, 373-384.	1.8	25
22	Arbuscular mycorrhizal symbiosis alleviates drought stress imposed on <i>Knautia arvensis</i> plants in serpentine soil. <i>Plant and Soil</i> , 2013, 370, 149-161.	1.8	93
23	Adequate magnesium nutrition mitigates adverse effects of heat stress on maize and wheat. <i>Plant and Soil</i> , 2013, 368, 57-72.	1.8	105
24	Potassium status in bulk and rhizospheric soils of olive groves in North Algeria. <i>Geoderma</i> , 2013, 197-198, 161-168.	2.3	23
25	Nutrient acquisition from arable subsoils in temperate climates: A review. <i>Soil Biology and Biochemistry</i> , 2013, 57, 1003-1022.	4.2	239
26	Ecological and economic benefits of the application of bio-based mineral fertilizers in modern agriculture. <i>Biomass and Bioenergy</i> , 2013, 49, 239-248.	2.9	115
27	Improving potassium acquisition and utilisation by crop plants. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 305-316.	1.1	115
28	Current potassium management status and grain yield response of Chinese maize to potassium application. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 441-449.	1.1	22
29	SOIL POTASSIUM FRACTIONS IN RICE-WHEAT CROPPING SYSTEM AFTER TWELVE YEARS OF LANTANA RESIDUE INCORPORATION IN A NORTHWEST HIMALAYAN ACID ALFISOL. <i>Journal of Plant Nutrition</i> , 2013, 36, 1809-1820.	0.9	14
30	The Critical Role of Potassium in Plant Stress Response. <i>International Journal of Molecular Sciences</i> , 2013, 14, 7370-7390.	1.8	1,096
31	A theoretical framework to study potassium utilization efficiency in response to withdrawal of potassium. <i>Journal of Experimental Botany</i> , 2013, 64, 4289-4299.	2.4	10
32	High-throughput root phenotyping screens identify genetic loci associated with root architectural traits in <i>Brassica napus</i> under contrasting phosphate availabilities. <i>Annals of Botany</i> , 2013, 112, 381-389.	1.4	90
33	Editorial: <i>J. Plant Nutr. Soil Sci.</i> 3/2013. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 303-304.	1.1	2
34	Potassium fertilizer management in winter oilseed rape production in China. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 429-440.	1.1	36
35	Potassium requirement in relation to grain yield and genotypic improvement of irrigated lowland rice in China. <i>Journal of Plant Nutrition and Soil Science</i> , 2013, 176, 400-406.	1.1	14
36	<i>Elymus dahuricus</i> H <sup>+</sup> -PPase EdVP1 enhances potassium uptake and utilization of wheat through the development of root system. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	1.7	2
37	Ameliorative effect of potassium sulphate on the growth and chemical composition of wheat ( <i>Triticum aestivum</i> L.) in salt-affected soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2013, , 0-0.	1.7	6

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38	Morfologia de raízes e cinética de absorção de potássio em genótipos de arroz irrigado. Revista Brasileira De Ciencia Do Solo, 2013, 37, 688-697.	0.5	6
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42	Alleviation of Water Stress Effects on MR220 Rice by Application of Periodical Water Stress and Potassium Fertilization. Molecules, 2014, 19, 1795-1819.	1.7	35
43	Split Application of Potassium Improves Yield and End-use Quality of Winter Wheat. Agronomy Journal, 2014, 106, 1411-1419.	0.9	12
44	Wheat responses to sodium vary with potassium use efficiency of cultivars. Frontiers in Plant Science, 2014, 5, 631.	1.7	29
45	The F130S point mutation in the Arabidopsis high-affinity K <sup>+</sup> transporter AtHAK5 increases K <sup>+</sup> over Na <sup>+</sup> and Cs <sup>+</sup> selectivity and confers Na <sup>+</sup> and Cs <sup>+</sup> tolerance to yeast under heterologous expression. Frontiers in Plant Science, 2014, 5, 430.	1.7	68
46	The physiology of channel-mediated K <sup>+</sup> acquisition in roots of higher plants. Physiologia Plantarum, 2014, 151, 305-312.	2.6	24
47	Sodium replacement of potassium in physiological processes of olive trees (var. Barnea) as affected by drought. Tree Physiology, 2014, 34, 1102-1117.	1.4	43
48	Does a rhizospheric microorganism enhance K <sup>+</sup> availability in agricultural soils?. Microbiological Research, 2014, 169, 337-347.	2.5	372
49	Going beyond nutrition: Regulation of potassium homeostasis as a common denominator of plant adaptive responses to environment. Journal of Plant Physiology, 2014, 171, 670-687.	1.6	388
50	Regulation of potassium transport in plants under hostile conditions: implications for abiotic and biotic stress tolerance. Physiologia Plantarum, 2014, 151, 257-279.	2.6	534
51	Effects of potassium and sodium supply on drought-adaptive mechanisms in <i>Eucalyptus grandis</i> plantations. New Phytologist, 2014, 203, 401-413.	3.5	92
52	Integrating role of ethylene and ABA in tomato plants adaptation to salt stress. Scientia Horticulturae, 2014, 172, 109-116.	1.7	74
53	The Physiology of Potassium in Crop Production. Advances in Agronomy, 2014, 126, 203-233.	2.4	158
54	Potassium in agriculture – Status and perspectives. Journal of Plant Physiology, 2014, 171, 656-669.	1.6	725
55	How do phosphorus, potassium and sulphur affect plant growth and biological nitrogen fixation in crop and pasture legumes? A meta-analysis. Field Crops Research, 2014, 156, 161-171.	2.3	168

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58	Does short-term potassium fertilization improve recovery from drought stress in laurel?. <i>Tree Physiology</i> , 2014, 34, 906-913.	1.4	23
59	Mapping QTLs for potassium-deficiency tolerance at the seedling stage in wheat ( <i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2014, 198, 185-198.	0.6	46
60	Is the leaf bundle sheath a "smart flux valve" for K <sup>+</sup> nutrition?. <i>Journal of Plant Physiology</i> , 2014, 171, 715-722.	1.6	34
61	High-Yield Maize Production in Relation to Potassium Uptake Requirements in China. <i>Agronomy Journal</i> , 2014, 106, 1153-1158.	0.9	14
63	Growth and yield responses in wheat and barley to potassium supply under drought or moderately saline conditions in the south-west of Western Australia. <i>Crop and Pasture Science</i> , 2015, 66, 135.	0.7	7
64	Selectable marker-free co-expression of <i>Nicotiana rustica</i> CN and <i>Nicotiana tabacum</i> HAK1 genes improves resistance to tobacco mosaic virus in tobacco. <i>Functional Plant Biology</i> , 2015, 42, 802.	1.1	2
65	Quantitative Trait Locus Mapping for Potassium Use Efficiency Traits at the Seedling Stage in Wheat under Different Nitrogen and Phosphorus Treatments. <i>Crop Science</i> , 2015, 55, 2690-2700.	0.8	17
66	Functional analysis of a high-affinity potassium transporter PaHAK1 from <i>Phytolacca acinosa</i> by overexpression in eukaryotes. <i>Plant and Soil</i> , 2015, 397, 63-73.	1.8	3
67	Measured and modeled interactive effects of potassium deficiency and water deficit on gross primary productivity and light-use efficiency in <i>Eucalyptus grandis</i> plantations. <i>Global Change Biology</i> , 2015, 21, 2022-2039.	4.2	49
68	Relevance of Osmotic and Frost Protecting Compounds for the Winter Hardiness of Autumn Sown Sugar Beet. <i>Journal of Agronomy and Crop Science</i> , 2015, 201, 301-311.	1.7	11
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70	Comparing Extraction and Quantity/Intensity Based Recommendations for Nitrogen, Phosphorus and Potassium Recommendation. <i>Journal of Agricultural Science</i> , 2015, 7, 220.	0.1	0
71	Effect of liming central European loess soils on soil extractable phosphorus and potassium as determined by electro-ultrafiltration. <i>Archives of Agronomy and Soil Science</i> , 2015, 61, 725-736.	1.3	5
72	Comparative analysis of potassium deficiency-responsive transcriptomes in low potassium susceptible and tolerant wheat ( <i>Triticum aestivum</i> L.). <i>Scientific Reports</i> , 2015, 5, 10090.	1.6	52
73	The inward-rectifying K <sup>+</sup> channel SsAKT1 is a candidate involved in K <sup>+</sup> uptake in the halophyte <i>Suaeda salsa</i> under saline condition. <i>Plant and Soil</i> , 2015, 395, 173-187.	1.8	49
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76	Role of magnesium fertilisers in agriculture: plantâ€“soil continuum. <i>Crop and Pasture Science</i> , 2015, 66, 1219.	0.7	195
77	Differential responses of six Chinese cabbage ( <i>Brassica rapa</i> L. ssp. <i>pekinensis</i> ) cultivars to potassium ion deficiency. <i>Journal of Horticultural Science and Biotechnology</i> , 2015, 90, 483-488.	0.9	2
78	Contribution of arbuscular mycorrhizal fungi and/or bacteria to enhancing plant drought tolerance under natural soil conditions: Effectiveness of autochthonous or allochthonous strains. <i>Journal of Plant Physiology</i> , 2015, 174, 87-96.	1.6	273
79	Modification of non-stomatal limitation and photoprotection due to K and Na nutrition of olive trees. <i>Journal of Plant Physiology</i> , 2015, 177, 1-10.	1.6	68
80	Male poplars have a stronger ability to balance growth and carbohydrate accumulation than do females in response to a short-term potassium deficiency. <i>Physiologia Plantarum</i> , 2015, 155, 400-413.	2.6	18
81	Potassium: a neglected nutrient in global change. <i>Global Ecology and Biogeography</i> , 2015, 24, 261-275.	2.7	354
82	Effects of Soil Environment on Field Efficacy of Microbial Inoculants. , 2015, , 353-381.		23
83	Recombinant glycinebetaine improves metabolic activities, ionic balance and salt tolerance in diazotrophic freshwater cyanobacteria. <i>Algal Research</i> , 2015, 11, 194-203.	2.4	11
84	Utilization of proteomics in experimental field conditions â€” A case study of poplars growing on grassland affected by long-term starch wastewater irrigation. <i>Journal of Proteomics</i> , 2015, 126, 200-217.	1.2	8
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86	Two typical K-efficiency cotton genotypes differ in potassium absorption kinetic parameters and patterns. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2015, 65, 45-53.	0.3	4
87	High Ca <sup>2+</sup> reverts the repression of high-affinity K <sup>+</sup> uptake produced by Na <sup>+</sup> in <i>Solanum lycopersicum</i> L. (var. <i>microtom</i> ) plants. <i>Journal of Plant Physiology</i> , 2015, 180, 72-79.	1.6	30
88	Simulating wheat growth response to potassium availability under field conditions with sandy soils. I. Model development. <i>Field Crops Research</i> , 2015, 178, 109-124.	2.3	11
89	Effects of potassium deficiency on photosynthesis and photoprotection mechanisms in soybean ( <i>Glycine max</i> (L.) Merr.). <i>Journal of Integrative Agriculture</i> , 2015, 14, 856-863.	1.7	65
90	A nano-scale study of the mechanisms of non-exchangeable potassium release from micas. <i>Applied Clay Science</i> , 2015, 118, 131-137.	2.6	31
91	An overview of measurements of radionuclides in foods of the Comunidad Valenciana (Spain). <i>Radiation Physics and Chemistry</i> , 2015, 116, 111-115.	1.4	7
92	Physiological response to potassium deficiency in three sweet potato ( <i>Ipomoea batatas</i> [L.] Lam.) genotypes differing in potassium utilization efficiency. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	1.0	40

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94	<i>Plant Microbes Symbiosis: Applied Facets.</i> , 2015, , .		39
95	Intraspecific variation in potassium uptake and utilization among sweet potato ( <i>Ipomoea batatas</i> L.) genotypes. <i>Field Crops Research</i> , 2015, 170, 76-82.	2.3	32
96	Historical and technical developments of potassium resources. <i>Science of the Total Environment</i> , 2015, 502, 590-601.	3.9	118
97	Effect of Nitrogen and Potassium on the Root Growth, Nutrient Content and Yield of Mungbean ( <i>Vigna radiata</i> L. Wilczek) under Waterlogged Condition. <i>The Agriculturists</i> , 2016, 13, 67-78.	0.3	6
98	Potential of mycorrhizal inocula to improve growth, nutrition and enzymatic activities in <i>Retama sphaerocarpa</i> compared with chemical fertilization under drought conditions. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	1.7	6
99	Identification of low potassium stress-responsive proteins in tobacco ( <i>Nicotiana tabacum</i> ) seedling roots using an iTRAQ-based analysis. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.3	5
100	Inoculation with selenobacteria and arbuscular mycorrhizal fungi to enhance selenium content in lettuce plants and improve tolerance against drought stress. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	1.7	25
101	The Effects of Fertilization on the Growth and Physiological Characteristics of <i>Ginkgo biloba</i> L.. <i>Forests</i> , 2016, 7, 293.	0.9	35
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103	A Potential Role of Flag Leaf Potassium in Conferring Tolerance to Drought-Induced Leaf Senescence in Barley. <i>Frontiers in Plant Science</i> , 2016, 7, 206.	1.7	38
104	Comparison between <i>Arabidopsis</i> and Rice for Main Pathways of K <sup>+</sup> and Na <sup>+</sup> Uptake by Roots. <i>Frontiers in Plant Science</i> , 2016, 7, 992.	1.7	95
105	Molecular Cloning and Functional Analysis of a Na <sup>+</sup> -Insensitive K <sup>+</sup> Transporter of <i>Capsicum chinense</i> Jacq. <i>Frontiers in Plant Science</i> , 2016, 7, 1980.	1.7	9
106	<i>Dynamics of Potassium and Their Bioavailability for Plant Nutrition.</i> , 2016, , 187-201.		79
107	Potassium-Solubilizing Microorganisms: Mechanism and Their Role in Potassium Solubilization and Uptake. , 2016, , 203-219.		69
108	<i>Potassium Uptake by Crops as Well as Microorganisms.</i> , 2016, , 267-280.		82
109	<i>Potassium-Solubilizing Bacteria and Their Application in Agriculture.</i> , 2016, , 293-313.		111
110	Yield formation of five crop species under water shortage and differential potassium supply. <i>Journal of Plant Nutrition and Soil Science</i> , 2016, 179, 234-243.	1.1	17

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111	Overexpression of the potassium channel <scp>TPK</scp> in small vacuoles confers osmotic and drought tolerance to rice. <i>New Phytologist</i> , 2016, 209, 1040-1048.	3.5	86
112	Proteome quantification of cotton xylem sap suggests the mechanisms of potassium-deficiency-induced changes in plant resistance to environmental stresses. <i>Scientific Reports</i> , 2016, 6, 21060.	1.6	40
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114	A new grading system for plant-available potassium using exhaustive cropping techniques combined with chemical analyses of soils. <i>Scientific Reports</i> , 2016, 6, 37327.	1.6	14
115	Impact of agriculture and land use on nitrate contamination in groundwater and running waters in central-west Poland. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 172.	1.3	131
116	Biological, physicochemical and plant health responses in lettuce and strawberry in soil or peat amended with biochar. <i>Applied Soil Ecology</i> , 2016, 107, 1-12.	2.1	122
117	Salinity induced physiological and biochemical changes in the freshly separated cyanobionts of <i>Azolla microphylla</i> and <i>Azolla caroliniana</i> . <i>Plant Physiology and Biochemistry</i> , 2016, 106, 39-45.	2.8	9
118	Response of root morphology, physiology and endogenous hormones in maize ( <i>Zea mays</i> L.) to potassium deficiency. <i>Journal of Integrative Agriculture</i> , 2016, 15, 785-794.	1.7	54
119	Overexpression of the rice <i>AKT1</i> potassium channel affects potassium nutrition and rice drought tolerance. <i>Journal of Experimental Botany</i> , 2016, 67, 2689-2698.	2.4	130
120	Estimating on-farm wheat yield response to potassium and potassium uptake requirement in China. <i>Field Crops Research</i> , 2016, 191, 13-19.	2.3	48
122	Adequate supply of potassium improves plant water-use efficiency but not leaf water-use efficiency of spring wheat. <i>Journal of Plant Nutrition and Soil Science</i> , 2016, 179, 733-745.	1.1	30
123	Potassium Management for Improving Growth and Grain Yield of Maize ( <i>Zea mays</i> L.) under Moisture Stress Condition. <i>Scientific Reports</i> , 2016, 6, 34627.	1.6	53
124	Physiographic characteristics of agricultural lands and farmers' soil fertility management practices in Wolaita zone, Southern Ethiopia. <i>Environmental Systems Research</i> , 2016, 5, .	1.5	37
125	Magnesium deficiency decreases biomass water-use efficiency and increases leaf water-use efficiency and oxidative stress in barley plants. <i>Plant and Soil</i> , 2016, 406, 409-423.	1.8	54
126	Potassium Solubilizing Microorganisms for Sustainable Agriculture. , 2016, , .		84
127	Potassium-Solubilizing Microorganism in Evergreen Agriculture: An Overview. , 2016, , 1-20.		87
128	Positional difference in potassium concentration as diagnostic index relating to plant K status and yield level in rice ( <i>Oryza sativa</i> L.). <i>Soil Science and Plant Nutrition</i> , 2016, 62, 31-38.	0.8	11
129	Salvaging effect of triacontanol on plant growth, thermotolerance, macro-nutrient content, amino acid concentration and modulation of defense hormonal levels under heat stress. <i>Plant Physiology and Biochemistry</i> , 2016, 99, 118-125.	2.8	25



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131	Evaluate regional potassium fertilization strategy of winter oilseed rape under intensive cropping systems: Large-scale field experiment analysis. Field Crops Research, 2016, 193, 34-42.	2.3	25
132	Foliar NK application mitigates drought effects in sunflower ( <i>Helianthus annuus</i> L.). Acta Physiologiae Plantarum, 2016, 38, 1.	1.0	31
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134	Roles and Transport of Sodium and Potassium in Plants. Metal Ions in Life Sciences, 2016, 16, 291-324.	2.8	86
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137	Hydrothermal extraction of potassium from potassic quartz syenite and preparation of aluminum hydroxide. International Journal of Mineral Processing, 2016, 147, 10-17.	2.6	39
138	Bacteria and fungi can contribute to nutrients bioavailability and aggregate formation in degraded soils. Microbiological Research, 2016, 183, 26-41.	2.5	534
139	On a quest for stress tolerance genes: membrane transporters in sensing and adapting to hostile soils. Journal of Experimental Botany, 2016, 67, 1015-1031.	2.4	135
140	Poplar growth and wood production on a grassland irrigated for decades with potato starch wastewater. Agroforestry Systems, 2017, 91, 307-324.	0.9	6
141	DELLAs Contribute to Set the Growth and Mineral Composition of <i>Arabidopsis thaliana</i> Plants Grown Under Conditions of Potassium Deprivation. Journal of Plant Growth Regulation, 2017, 36, 487-501.	2.8	11
142	Cation selectivity in cotton ( <i>Gossypium hirsutum</i> L.) grown on calcareous soil as affected by potassium fertilization, cultivar and growth stage. Plant and Soil, 2017, 415, 331-346.	1.8	9
143	Spatial variability of potassium in agricultural soils of the canton of Fribourg, Switzerland. Geoderma, 2017, 290, 107-121.	2.3	53
144	Soil Reserves of Potassium: Release and Availability to <i>Lolium perenne</i> in Relation to Clay Minerals in Six Cropland Soils from Eastern China. Land Degradation and Development, 2017, 28, 1696-1703.	1.8	21
145	Nutrient Supply and Simulated Herbivory Differentially Alter the Metabolite Pools and the Efficacy of the Glucosinolate-Based Defense System in Brassica Species. Journal of Chemical Ecology, 2017, 43, 129-142.	0.9	9
146	Physico-chemical treatment of glauconitic sandstone to recover potash and magnetite. Journal of Cleaner Production, 2017, 147, 681-693.	4.6	26
147	Genetic engineering of the biosynthesis of glycinebetaine leads to alleviate salt-induced potassium efflux and enhances salt tolerance in tomato plants. Plant Science, 2017, 257, 74-83.	1.7	130

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148	Influences of Potassium Chloride Fertilization on Mycorrhizal Formation in a Tropical Alfisol. <i>Communications in Soil Science and Plant Analysis</i> , 2017, 48, 524-538.	0.6	6
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