

Shao-Jian Zheng

List of Publications by Year in descending order

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123
papers

9,345
citations

28274

55
h-index

42399

92
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125
all docs

125
docs citations

125
times ranked

7345
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural basis of ALMT1-mediated aluminum resistance in Arabidopsis. Cell Research, 2022, 32, 89-98.	12.0	27
2	Phloem iron remodels root development in response to ammonium as the major nitrogen source. Nature Communications, 2022, 13, 561.	12.8	28
3	Potential Role of Domains Rearranged Methyltransferase7 in Starch and Chlorophyll Metabolism to Regulate Leaf Senescence in Tomato. Frontiers in Plant Science, 2022, 13, 836015.	3.6	2
4	Ethylene signaling modulates Arabidopsis thaliana nitrate metabolism. Planta, 2022, 255, 94.	3.2	5
5	RING-box proteins regulate leaf senescence and stomatal closure via repression of ABA transporter gene <i>ABC40</i> . Journal of Integrative Plant Biology, 2022, 64, 979-994.	8.5	12
6	The miR157- <i>SPL</i> - <i>CNR</i> module acts upstream of bHLH101 to negatively regulate iron deficiency responses in tomato. Journal of Integrative Plant Biology, 2022, 64, 1059-1075.	8.5	11
7	A novel kinase subverts aluminium resistance by boosting ornithine decarboxylase-dependent putrescine biosynthesis. Plant, Cell and Environment, 2022, 45, 2520-2532.	5.7	3
8	Absciscic acid-dependent <i>PMT1</i> expression regulates salt tolerance by alleviating abscisic acid-mediated reactive oxygen species production in <i>Arabidopsis</i> . Journal of Integrative Plant Biology, 2022, 64, 1803-1820.	8.5	4
9	Impacts of elevated CO ₂ on plant resistance to nutrient deficiency and toxic ions via root exudates: A review. Science of the Total Environment, 2021, 754, 142434.	8.0	38
10	Thermal stress accelerates <i>Arabidopsis thaliana</i> mutation rate. Genome Research, 2021, 31, 40-50.	5.5	40
11	Tease out the future: How tea research might enable crop breeding for acid soil tolerance. Plant Communications, 2021, 2, 100182.	7.7	11
12	Restriction of iron loading into developing seeds by a YABBY transcription factor safeguards successful reproduction in Arabidopsis. Molecular Plant, 2021, 14, 1624-1639.	8.3	21
13	STOP1 activates NRT1.1-mediated nitrate uptake to create a favorable rhizospheric pH for plant adaptation to acidity. Plant Cell, 2021, 33, 3658-3674.	6.6	40
14	A transcription factor STOP1-centered pathway coordinates ammonium and phosphate acquisition in Arabidopsis. Molecular Plant, 2021, 14, 1554-1568.	8.3	41
15	Jasmonic acid alleviates cadmium toxicity in <i>Arabidopsis</i> via suppression of cadmium uptake and translocation. Journal of Integrative Plant Biology, 2020, 62, 218-227.	8.5	87
16	Low phosphate represses histone deacetylase complex1 to regulate root system architecture remodeling in <i>Arabidopsis</i> . New Phytologist, 2020, 225, 1732-1745.	7.3	26
17	A NAC-type transcription factor confers aluminium resistance by regulating cell wall-associated receptor kinase 1 and cell wall pectin. Plant, Cell and Environment, 2020, 43, 463-478.	5.7	63
18	A WRKY transcription factor confers aluminum tolerance via regulation of cell wall modifying genes. Journal of Integrative Plant Biology, 2020, 62, 1176-1192.	8.5	58

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19	Ethylene promotes seed iron storage during <i>Arabidopsis</i> seed maturation via ERF95 transcription factor. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 1193-1212.	8.5	17
20	Genome-wide identification and expression analysis of the NAC transcription factor family in tomato (<i>Solanum lycopersicum</i>) during aluminum stress. <i>BMC Genomics</i> , 2020, 21, 288.	2.8	81
21	Alleviation by abscisic acid of Al toxicity in rice bean is not associated with citrate efflux but depends on ABI5-mediated signal transduction pathways. <i>Journal of Integrative Plant Biology</i> , 2019, 61, 140-154.	8.5	38
22	FeSTAR2 interacted by FeSTAR1 alters its subcellular location and regulates Al tolerance in buckwheat. <i>Plant and Soil</i> , 2019, 436, 489-501.	3.7	12
23	Mechanisms and regulation of aluminum-induced secretion of organic acid anions from plant roots. <i>Journal of Zhejiang University: Science B</i> , 2019, 20, 513-527.	2.8	53
24	A feedback loop between <i>CaWRKY41</i> and H ₂ O ₂ coordinates the response to <i>Ralstonia solanacearum</i> and excess cadmium in pepper. <i>Journal of Experimental Botany</i> , 2019, 70, 1581-1595.	4.8	38
25	Transcription factor <i>WRKY22</i> promotes aluminum tolerance via activation of <i>OsFRDL4</i> expression and enhancement of citrate secretion in rice (<i>Oryza</i>). <i>TJ ETQq1 1 0.784314 rgBT / Overlock</i>	3.14	10
26	Two citrate transporters coordinately regulate citrate secretion from rice bean root tip under aluminum stress. <i>Plant, Cell and Environment</i> , 2018, 41, 809-822.	5.7	45
27	Xyloglucan Fucosylation Modulates <i>Arabidopsis</i> Cell Wall Hemicellulose Aluminium binding Capacity. <i>Scientific Reports</i> , 2018, 8, 428.	3.3	22
28	DNA mismatch repair preferentially protects genes from mutation. <i>Genome Research</i> , 2018, 28, 66-74.	5.5	62
29	Iron Retention in Root Hemicelluloses Causes Genotypic Variability in the Tolerance to Iron Deficiency-Induced Chlorosis in Maize. <i>Frontiers in Plant Science</i> , 2018, 9, 557.	3.6	19
30	<i>PARVUS</i> affects aluminium sensitivity by modulating the structure of glucuronoxylan in <i>Arabidopsis thaliana</i> . <i>Plant, Cell and Environment</i> , 2017, 40, 1916-1925.	5.7	22
31	Regulating cytoplasmic oxalate homeostasis by Acyl activating enzyme3 is critical for plant Al tolerance. <i>Plant Signaling and Behavior</i> , 2017, 12, e1276688.	2.4	9
32	Transcriptome Analysis of Al-Induced Genes in Buckwheat (<i>Fagopyrum esculentum</i> Moench) Root Apex: New Insight into Al Toxicity and Resistance Mechanisms in an Al Accumulating Species. <i>Frontiers in Plant Science</i> , 2017, 8, 1141.	3.6	53
33	Characterization of VuMATE1 Expression in Response to Iron Nutrition and Aluminum Stress Reveals Adaptation of Rice Bean (<i>Vigna umbellata</i>) to Acid Soils through Cis Regulation. <i>Frontiers in Plant Science</i> , 2016, 7, 511.	3.6	13
34	A WRKY Transcription Factor Regulates Fe Translocation under Fe Deficiency. <i>Plant Physiology</i> , 2016, 171, 2017-2027.	4.8	70
35	A Formate Dehydrogenase Confers Tolerance to Aluminum and Low pH. <i>Plant Physiology</i> , 2016, 171, 294-305.	4.8	45
36	Ethylene is involved in root phosphorus remobilization in rice (<i>Oryza sativa</i>) by regulating cell-wall pectin and enhancing phosphate translocation to shoots. <i>Annals of Botany</i> , 2016, 118, 645-653.	2.9	45

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37	An Oxalyl-CoA Synthetase Is Involved in Oxalate Degradation and Aluminum Tolerance. <i>Plant Physiology</i> , 2016, 172, 1679-1690.	4.8	35
38	Alleviation of proton toxicity by nitrate uptake specifically depends on nitrate transporter 1.1 in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2016, 211, 149-158.	7.3	86
39	Increased Sucrose Accumulation Regulates Iron-Deficiency Responses by Promoting Auxin Signaling in <i>Arabidopsis</i> Plants. <i>Plant Physiology</i> , 2016, 170, 907-920.	4.8	79
40	The roles of STOP1-like transcription factors in aluminum and proton tolerance. <i>Plant Signaling and Behavior</i> , 2016, 11, e1131371.	2.4	20
41	Glucose alleviates cadmium toxicity by increasing cadmium fixation in root cell wall and sequestration into vacuole in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2015, 57, 830-837.	8.5	48
42	Characterization of an inducible C ₂ H ₂ -type zinc finger transcription factor Vu _{STOP} 1 in rice bean (<i>Vigna umbellata</i>) reveals differential regulation between low pH and aluminum tolerance mechanisms. <i>New Phytologist</i> , 2015, 208, 456-468.	7.3	79
43	An eukaryotic translation initiation factor, <i>Atelf5A</i> , affects cadmium accumulation and sensitivity in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2015, 57, 848-858.	8.5	8
44	Transcription factor WRKY46 modulates the development of <i>Arabidopsis</i> lateral roots in osmotic/salt stress conditions via regulation of ABA signaling and auxin homeostasis. <i>Plant Journal</i> , 2015, 84, 56-69.	5.7	207
45	OsTCTP, encoding a translationally controlled tumor protein, plays an important role in mercury tolerance in rice. <i>BMC Plant Biology</i> , 2015, 15, 123.	3.6	34
46	Putrescine Alleviates Iron Deficiency via NO-Dependent Reutilization of Root Cell-Wall Fe in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2015, 170, 558-567.	4.8	71
47	Distinct catalytic capacities of two aluminium-repressed <i>Arabidopsis thaliana</i> xyloglucan endotransglucosylase/hydrolases, XTH15 and XTH31, heterologously produced in <i>Pichia</i> . <i>Phytochemistry</i> , 2015, 112, 160-169.	2.9	35
48	Pectin enhances rice (<i>Oryza sativa</i>) root phosphorus remobilization. <i>Journal of Experimental Botany</i> , 2015, 66, 1017-1024.	4.8	68
49	<i>TRICHOME BIREFRINGENCE-LIKE27</i> Affects Aluminum Sensitivity by Modulating the O-Acetylation of Xyloglucan and Aluminum-Binding Capacity in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2014, 166, 181-189.	4.8	50
50	Xyloglucan Endotransglucosylase-Hydrolase17 Interacts with Xyloglucan Endotransglucosylase-Hydrolase31 to Confer Xyloglucan Endotransglucosylase Action and Affect Aluminum Sensitivity in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2014, 165, 1566-1574.	4.8	87
51	WRKY41 controls <i>Arabidopsis</i> seed dormancy via direct regulation of <i>ABI3</i> transcript levels not downstream of ABA. <i>Plant Journal</i> , 2014, 79, 810-823.	5.7	140
52	Absciscic acid alleviates iron deficiency by promoting root iron reutilization and transport from root to shoot in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2014, 37, 852-863.	5.7	126
53	An underground tale: contribution of microbial activity to plant iron acquisition via ecological processes. <i>Annals of Botany</i> , 2014, 113, 7-18.	2.9	100
54	Transcription factor WRKY46 regulates osmotic stress responses and stomatal movement independently in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2014, 79, 13-27.	5.7	161

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55	Root proteome of rice studied by iTRAQ provides integrated insight into aluminum stress tolerance mechanisms in plants. <i>Journal of Proteomics</i> , 2014, 98, 189-205.	2.4	116
56	Identification of early Al-responsive genes in rice bean (<i>Vigna umbellata</i>) roots provides new clues to molecular mechanisms of Al toxicity and tolerance. <i>Plant, Cell and Environment</i> , 2014, 37, 1586-1597.	5.7	53
57	The Role of Cell Wall in Plant Resistance to Nutritional Stresses and the Underlying Physiological and Molecular Mechanisms. <i>Scientia Sinica Vitae</i> , 2014, 44, 334-341.	0.3	5
58	Exogenous auxin alleviates cadmium toxicity in <i>Arabidopsis thaliana</i> by stimulating synthesis of hemicellulose 1 and increasing the cadmium fixation capacity of root cell walls. <i>Journal of Hazardous Materials</i> , 2013, 263, 398-403.	12.4	178
59	WRKY46 functions as a transcriptional repressor of ALMT1, regulating aluminum-induced malate secretion in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2013, 76, 825-835.	5.7	163
60	Root-derived auxin contributes to the phosphorus deficiency-induced cluster root formation in white lupin (<i>Lupinus albus</i>). <i>Physiologia Plantarum</i> , 2013, 148, 481-489.	5.2	24
61	The 14-3-3 protein GENERAL REGULATORY FACTOR11 (GRF11) acts downstream of nitric oxide to regulate iron acquisition in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2013, 197, 815-824.	7.3	66
62	The role of VuMATE1 expression in aluminium-inducible citrate secretion in rice bean (<i>Vigna umbellata</i>) roots. <i>Journal of Experimental Botany</i> , 2013, 64, 1795-1804.	4.8	51
63	Association of specific pectin methylesterases with Al-induced root elongation inhibition in rice. <i>Physiologia Plantarum</i> , 2013, 148, 502-511.	5.2	82
64	Coordination between Apoplastic and Symplastic Detoxification Confers Plant Aluminum Resistance. <i>Plant Physiology</i> , 2013, 162, 1947-1955.	4.8	95
65	Nitric oxide is the shared signalling molecule in phosphorus- and iron-deficiency-induced formation of cluster roots in white lupin (<i>Lupinus albus</i>). <i>Annals of Botany</i> , 2012, 109, 1055-1064.	2.9	64
66	XTH31, Encoding an in Vitro XEH/XET-Active Enzyme, Regulates Aluminum Sensitivity by Modulating in Vivo XET Action, Cell Wall Xyloglucan Content, and Aluminum Binding Capacity in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 4731-4747.	6.6	235
67	Cell wall polysaccharides are involved in P-deficiency-induced Cd exclusion in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2012, 236, 989-997.	3.2	148
68	Gibberellic acid alleviates cadmium toxicity by reducing nitric oxide accumulation and expression of IRT1 in <i>Arabidopsis thaliana</i> . <i>Journal of Hazardous Materials</i> , 2012, 239-240, 302-307.	12.4	197
69	Nitric oxide exacerbates Al-induced inhibition of root elongation in rice bean by affecting cell wall and plasma membrane properties. <i>Phytochemistry</i> , 2012, 76, 46-51.	2.9	45
70	TcOPT3, a Member of Oligopeptide Transporters from the Hyperaccumulator <i>Thlaspi caerulescens</i> , Is a Novel Fe/Zn/Cd/Cu Transporter. <i>PLoS ONE</i> , 2012, 7, e38535.	2.5	19
71	Cadmium-induced oxalate secretion from root apex is associated with cadmium exclusion and resistance in <i>Lycopersicon esulentum</i> . <i>Plant, Cell and Environment</i> , 2011, 34, 1055-1064.	5.7	122
72	A de novo synthesis citrate transporter, <i>Vigna umbellata</i> multidrug and toxic compound extrusion, implicates in Al-activated citrate efflux in rice bean (<i>Vigna umbellata</i>) root apex. <i>Plant, Cell and Environment</i> , 2011, 34, 2138-2148.	5.7	84

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73	Aluminum regulates oxalate secretion and plasma membrane H ⁺ -ATPase activity independently in tomato roots. <i>Planta</i> , 2011, 234, 281-291.	3.2	38
74	Dynamics of Carbon Accumulation During the Fast Growth Period of Bamboo Plant. <i>Botanical Review</i> , The, 2011, 77, 287-295.	3.9	29
75	Grape skin extract inhibits mammalian intestinal α -glucosidase activity and suppresses postprandial glycemic response in streptozocin-treated mice. <i>Food Chemistry</i> , 2011, 126, 466-471.	8.2	113
76	Genotypic differences in Al resistance and the role of cell-wall pectin in Al exclusion from the root apex in <i>Fagopyrum tataricum</i> . <i>Annals of Botany</i> , 2011, 107, 371-378.	2.9	49
77	Cell Wall Hemicellulose Contributes Significantly to Aluminum Adsorption and Root Growth in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2011, 155, 1885-1892.	4.8	290
78	Brachypodium as a Model for the Grasses: Today and the Future $\hat{\text{A}}$. <i>Plant Physiology</i> , 2011, 157, 3-13.	4.8	243
79	Iron homeostasis and iron acquisition in plants: maintenance, functions and consequences. <i>Annals of Botany</i> , 2010, 105, 1071-1071.	2.9	1
80	Iron homeostasis and iron acquisition in plants: maintenance, functions and consequences. <i>Annals of Botany</i> , 2010, 105, 799-800.	2.9	27
81	Plant Fe status affects the composition of siderophore-secreting microbes in the rhizosphere. <i>Annals of Botany</i> , 2010, 105, 835-841.	2.9	87
82	Crop production on acidic soils: overcoming aluminium toxicity and phosphorus deficiency. <i>Annals of Botany</i> , 2010, 106, 183-184.	2.9	139
83	Nitric Oxide Acts Downstream of Auxin to Trigger Root Ferric-Chelate Reductase Activity in Response to Iron Deficiency in <i>Arabidopsis</i> $\hat{\text{A}}$ $\hat{\text{A}}$ $\hat{\text{A}}$. <i>Plant Physiology</i> , 2010, 154, 810-819.	4.8	330
84	Elevated Carbon Dioxide Improves Plant Iron Nutrition through Enhancing the Iron-Deficiency-Induced Responses under Iron-Limited Conditions in Tomato. <i>Plant Physiology</i> , 2009, 150, 272-280.	4.8	134
85	Disorganized distribution of homogalacturonan epitopes in cell walls as one possible mechanism for aluminium-induced root growth inhibition in maize. <i>Annals of Botany</i> , 2009, 104, 235-241.	2.9	19
86	Phosphorus deficiency does not enhance proton release by roots of soybean [<i>Glycine max</i> (L.) Murr.]. <i>Environmental and Experimental Botany</i> , 2009, 67, 228-234.	4.2	27
87	Protecting Cell Walls from Binding Aluminum by Organic Acids Contributes to Aluminum Resistance. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 574-580.	8.5	20
88	Effect of aluminum on cell wall, plasma membrane, antioxidants and root elongation in triticale. <i>Biologia Plantarum</i> , 2008, 52, 87-92.	1.9	79
89	Use of the modified viral satellite DNA vector to silence mineral nutrition-related genes in plants: silencing of the tomato ferric chelate reductase gene, FRO1, as an example. <i>Science in China Series C: Life Sciences</i> , 2008, 51, 402-409.	1.3	15
90	Iron Deficiency-Induced Increase of Root Branching Contributes to the Enhanced Root Ferric Chelate Reductase Activity. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 1557-1562.	8.5	29

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91	Aluminum-activated Oxalate Secretion does not Associate with Internal Content among Some Oxalate Accumulators. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 1103-1107.	8.5	19
92	The iron deficiency-induced phenolics secretion plays multiple important roles in plant iron acquisition underground. <i>Plant Signaling and Behavior</i> , 2008, 3, 60-61.	2.4	24
93	Cell Wall Polysaccharides Are Specifically Involved in the Exclusion of Aluminum from the Rice Root Apex. <i>Plant Physiology</i> , 2008, 146, 602-611.	4.8	345
94	The Iron-Deficiency Induced Phenolics Accumulation May Involve in Regulation of Fe(III) Chelate Reductase in Red Clover. <i>Plant Signaling and Behavior</i> , 2007, 2, 327-332.	2.4	17
95	Genotypic variation in phosphorus utilisation of soybean [<i>Glycine max</i> (L.) Murr.] grown in various sparingly soluble P sources. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 443.	1.5	20
96	Differential Aluminum Resistance and Organic Acid Anions Secretion in Triticale. <i>Communications in Soil Science and Plant Analysis</i> , 2007, 38, 1991-2004.	1.4	5
97	Iron Deficiency-Induced Secretion of Phenolics Facilitates the Reutilization of Root Apoplastic Iron in Red Clover. <i>Plant Physiology</i> , 2007, 144, 278-285.	4.8	244
98	Protein Changes in Response to Pyrene Stress in Maize (<i>Zea mays</i> L.) Leaves. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 187-195.	8.5	8
99	Comparative studies on the effect of a protein-synthesis inhibitor on aluminium-induced secretion of organic acids from <i>Fagopyrum esculentum</i> Moench and <i>Cassia tora</i> L. roots. <i>Plant, Cell and Environment</i> , 2006, 29, 240-246.	5.7	39
100	Mechanisms of microbially enhanced Fe acquisition in red clover (<i>Trifolium pratense</i> L.). <i>Plant, Cell and Environment</i> , 2006, 29, 888-897.	5.7	108
101	Interactions Between High pH and Iron Supply on Nodulation and Iron Nutrition of <i>Lupinus albus</i> L. Genotypes Differing in Sensitivity to Iron Deficiency. <i>Plant and Soil</i> , 2006, 279, 153-162.	3.7	23
102	Citrate Transporters Play a Critical Role in Aluminium-stimulated Citrate Efflux in Rice Bean (<i>Vigna</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.9	80
103	Magnesium Enhances Aluminum-Induced Citrate Secretion in Rice Bean Roots (<i>Vigna umbellata</i>) by Restoring Plasma Membrane H ⁺ -ATPase Activity. <i>Plant and Cell Physiology</i> , 2006, 48, 66-73.	3.1	73
104	Target sites of aluminum phytotoxicity. <i>Biologia Plantarum</i> , 2005, 49, 321-331.	1.9	124
105	A copper-deficiency-induced root reductase is different from the iron-deficiency-induced one in red clover (<i>Trifolium pratense</i> L.). <i>Plant and Soil</i> , 2005, 273, 69-76.	3.7	8
106	A Comparison of Aluminum Resistance among <i>Polygonum</i> Species Originating on Strongly Acidic and Neutral Soils. <i>Plant and Soil</i> , 2005, 276, 143-151.	3.7	20
107	Effects of Nitrogen Levels and Nitrate/Ammonium Ratios on Oxalate Concentrations of Different Forms in Edible Parts of Spinach. <i>Journal of Plant Nutrition</i> , 2005, 28, 2011-2025.	1.9	60
108	Immobilization of Aluminum with Phosphorus in Roots Is Associated with High Aluminum Resistance in Buckwheat. <i>Plant Physiology</i> , 2005, 138, 297-303.	4.8	174

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109	Citrate Secretion Coupled with the Modulation of Soybean Root Tip under Aluminum Stress. Up-Regulation of Transcription, Translation, and Threonine-Oriented Phosphorylation of Plasma Membrane H ⁺ -ATPase. <i>Plant Physiology</i> , 2005, 138, 287-296.	4.8	146
110	Aluminium resistance requires resistance to acid stress: a case study with spinach that exudes oxalate rapidly when exposed to Al stress. <i>Journal of Experimental Botany</i> , 2005, 56, 1197-1203.	4.8	79
111	Genotypic Differences Among Plant Species in Response to Aluminum Stress. <i>Journal of Plant Nutrition</i> , 2005, 28, 949-961.	1.9	30
112	Lead contamination in tea garden soils and factors affecting its bioavailability. <i>Chemosphere</i> , 2005, 59, 1151-1159.	8.2	113
113	Lead contamination in tea leaves and non-edaphic factors affecting it. <i>Chemosphere</i> , 2005, 61, 726-732.	8.2	36
114	The kinetics of aluminum adsorption and desorption by root cell walls of an aluminum resistant wheat (<i>Triticum aestivum</i> L.) cultivar. <i>Plant and Soil</i> , 2004, 261, 85-90.	3.7	69
115	Fe deficiency induces Cu uptake and accumulation in <i>Commelina communis</i> . <i>Plant Science</i> , 2004, 166, 1371-1377.	3.6	38
116	Effect of cadmium on nodulation and N ₂ -fixation of soybean in contaminated soils. <i>Chemosphere</i> , 2003, 50, 781-787.	8.2	60
117	The responses of red clover (<i>Trifolium pratense</i> L.) to iron deficiency: a root Fe(III) chelate reductase. <i>Plant Science</i> , 2003, 164, 679-687.	3.6	28
118	New approach to studies of heavy metal redistribution in soil. <i>Journal of Environmental Management</i> , 2003, 8, 113-120.	1.7	119
119	Continuous secretion of organic acids is related to aluminium resistance during relatively long-term exposure to aluminium stress. <i>Physiologia Plantarum</i> , 1998, 103, 209-214.	5.2	91
120	High Aluminum Resistance in Buckwheat1. <i>Plant Physiology</i> , 1998, 117, 745-751.	4.8	355
121	Specific Secretion of Citric Acid Induced by Al Stress in <i>Cassia tora</i> L.. <i>Plant and Cell Physiology</i> , 1997, 38, 1019-1025.	3.1	201
122	Detoxifying aluminium with buckwheat. <i>Nature</i> , 1997, 390, 569-570.	27.8	403
123	A rapid hydroponic screening for aluminium tolerance in barley. <i>Plant and Soil</i> , 1997, 191, 133-137.	3.7	75