

# Shao-Jian Zheng

## List of Publications by Year in descending order

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123  
papers

9,345  
citations

28190

55  
h-index

42291

92  
g-index

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. <i>Cell Research</i> , 2022, 32, 89-98.	5.7	27
2	Phloem iron remodels root development in response to ammonium as the major nitrogen source. <i>Nature Communications</i> , 2022, 13, 561.	5.8	28
3	Potential Role of Domains Rearranged Methyltransferase7 in Starch and Chlorophyll Metabolism to Regulate Leaf Senescence in Tomato. <i>Frontiers in Plant Science</i> , 2022, 13, 836015.	1.7	2
4	Ethylene signaling modulates Arabidopsis thaliana nitrate metabolism. <i>Planta</i> , 2022, 255, 94.	1.6	5
5	RING-box proteins regulate leaf senescence and stomatal closure via repression of ABA transporter gene <i>ABCG40</i> . <i>Journal of Integrative Plant Biology</i> , 2022, 64, 979-994.	4.1	12
6	The miR157-PL1-CNR module acts upstream of bHLH101 to negatively regulate iron deficiency responses in tomato. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1059-1075.	4.1	11
7	A novel kinase subverts aluminium resistance by boosting ornithine decarboxylase-dependent putrescine biosynthesis. <i>Plant, Cell and Environment</i> , 2022, 45, 2520-2532.	2.8	3
8	Abscisic acid-dependent <i>PMT1</i> expression regulates salt tolerance by alleviating abscisic acid-mediated reactive oxygen species production in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1803-1820.	4.1	4
9	Impacts of elevated CO <sub>2</sub> on plant resistance to nutrient deficiency and toxic ions via root exudates: A review. <i>Science of the Total Environment</i> , 2021, 754, 142434.	3.9	38
10	Thermal stress accelerates <i>Arabidopsis thaliana</i> mutation rate. <i>Genome Research</i> , 2021, 31, 40-50.	2.4	40
11	Tease out the future: How tea research might enable crop breeding for acid soil tolerance. <i>Plant Communications</i> , 2021, 2, 100182.	3.6	11
12	Restriction of iron loading into developing seeds by a YABBY transcription factor safeguards successful reproduction in Arabidopsis. <i>Molecular Plant</i> , 2021, 14, 1624-1639.	3.9	21
13	STOP1 activates NRT1.1-mediated nitrate uptake to create a favorable rhizospheric pH for plant adaptation to acidity. <i>Plant Cell</i> , 2021, 33, 3658-3674.	3.1	40
14	A transcription factor STOP1-centered pathway coordinates ammonium and phosphate acquisition in Arabidopsis. <i>Molecular Plant</i> , 2021, 14, 1554-1568.	3.9	41
15	Jasmonic acid alleviates cadmium toxicity in <i>Arabidopsis</i> via suppression of cadmium uptake and translocation. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 218-227.	4.1	87
16	Low phosphate represses histone deacetylase complex1 to regulate root system architecture remodeling in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2020, 225, 1732-1745.	3.5	26
17	A NAC-type transcription factor confers aluminium resistance by regulating cell wall-associated receptor kinase 1 and cell wall pectin. <i>Plant, Cell and Environment</i> , 2020, 43, 463-478.	2.8	63
18	A WRKY transcription factor confers aluminum tolerance via regulation of cell wall modifying genes. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 1176-1192.	4.1	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.	4.1	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.	1.2	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.	4.1	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.	1.8	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.	1.3	53
24	A feedback loop between <i>CaWRKY41</i> and H <sub>2</sub> O <sub>2</sub> coordinates the response to <i>Ralstonia solanacearum</i> and excess cadmium in pepper. <i>Journal of Experimental Botany</i> , 2019, 70, 1581-1595.	2.4	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> ) <a href="#">TJ ETQq1 1 0.784314 rgBT / Overlock</a>	1.4	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.	2.8	45
27	Xyloglucan Fucosylation Modulates <i>Arabidopsis</i> Cell Wall Hemicellulose Aluminium binding Capacity. <i>Scientific Reports</i> , 2018, 8, 428.	1.6	22
28	DNA mismatch repair preferentially protects genes from mutation. <i>Genome Research</i> , 2018, 28, 66-74.	2.4	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.	1.7	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.	2.8	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.	1.2	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.	1.7	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.	1.7	13
34	A WRKY Transcription Factor Regulates Fe Translocation under Fe Deficiency. <i>Plant Physiology</i> , 2016, 171, 2017-2027.	2.3	70
35	A Formate Dehydrogenase Confers Tolerance to Aluminum and Low pH. <i>Plant Physiology</i> , 2016, 171, 294-305.	2.3	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.	1.4	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.	2.3	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.	3.5	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.	2.3	79
40	The roles of STOP1-like transcription factors in aluminum and proton tolerance. <i>Plant Signaling and Behavior</i> , 2016, 11, e1131371.	1.2	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.	4.1	48
42	Characterization of an inducible C <sub>2</sub> H <sub>2</sub> -type zinc finger transcription factor VuSTOP1 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.	3.5	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.	4.1	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.	2.8	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.	1.6	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.	2.3	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.	1.4	35
48	Pectin enhances rice ( <i>Oryza sativa</i> ) root phosphorus remobilization. <i>Journal of Experimental Botany</i> , 2015, 66, 1017-1024.	2.4	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.	2.3	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.	2.3	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.	2.8	140
52	Abscisic 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.	2.8	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.	1.4	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.	2.8	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.	1.2	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.	2.8	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.	0.1	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.	6.5	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.	2.8	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.	2.6	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.	3.5	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.	2.4	51
63	Association of specific pectin methylesterases with Al-induced root elongation inhibition in rice. <i>Physiologia Plantarum</i> , 2013, 148, 502-511.	2.6	82
64	Coordination between Apoplastic and Symplastic Detoxification Confers Plant Aluminum Resistance. <i>Plant Physiology</i> , 2013, 162, 1947-1955.	2.3	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.	1.4	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.	3.1	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.	1.6	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.	6.5	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.	1.4	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.	1.1	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.	2.8	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.	2.8	84

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73	Aluminum regulates oxalate secretion and plasma membrane H <sup>+</sup> -ATPase activity independently in tomato roots. <i>Planta</i> , 2011, 234, 281-291.	1.6	38
74	Dynamics of Carbon Accumulation During the Fast Growth Period of Bamboo Plant. <i>Botanical Review</i> , The, 2011, 77, 287-295.	1.7	29
75	Grape skin extract inhibits mammalian intestinal $\alpha$ -glucosidase activity and suppresses postprandial glycemic response in streptozocin-treated mice. <i>Food Chemistry</i> , 2011, 126, 466-471.	4.2	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.	1.4	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.	2.3	290
78	Brachypodium as a Model for the Grasses: Today and the Future. <i>Plant Physiology</i> , 2011, 157, 3-13.	2.3	243
79	Iron homeostasis and iron acquisition in plants: maintenance, functions and consequences. <i>Annals of Botany</i> , 2010, 105, 1071-1071.	1.4	1
80	Iron homeostasis and iron acquisition in plants: maintenance, functions and consequences. <i>Annals of Botany</i> , 2010, 105, 799-800.	1.4	27
81	Plant Fe status affects the composition of siderophore-secreting microbes in the rhizosphere. <i>Annals of Botany</i> , 2010, 105, 835-841.	1.4	87
82	Crop production on acidic soils: overcoming aluminium toxicity and phosphorus deficiency. <i>Annals of Botany</i> , 2010, 106, 183-184.	1.4	139
83	Nitric Oxide Acts Downstream of Auxin to Trigger Root Ferric-Chelate Reductase Activity in Response to Iron Deficiency in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2010, 154, 810-819.	2.3	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.	2.3	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.	1.4	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.	2.0	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.	4.1	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.	4.1	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.	4.1	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.	1.2	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.	2.3	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.	1.2	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.	0.6	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.	2.3	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.	4.1	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.	2.8	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.	2.8	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.	1.8	23
102	Citrate Transporters Play a Critical Role in Aluminium-stimulated Citrate Efflux in Rice Bean ( <i>Vigna</i> )	1.4	80
103	Magnesium Enhances Aluminum-Induced Citrate Secretion in Rice Bean Roots ( <i>Vigna umbellata</i> ) by Restoring Plasma Membrane H <sup>+</sup> -ATPase Activity. <i>Plant and Cell Physiology</i> , 2006, 48, 66-73.	1.5	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.	1.8	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.	1.8	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.	0.9	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.	2.3	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 <sup>+</sup> -ATPase. <i>Plant Physiology</i> , 2005, 138, 287-296.	2.3	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.	2.4	79
111	Genotypic Differences Among Plant Species in Response to Aluminum Stress. <i>Journal of Plant Nutrition</i> , 2005, 28, 949-961.	0.9	30
112	Lead contamination in tea garden soils and factors affecting its bioavailability. <i>Chemosphere</i> , 2005, 59, 1151-1159.	4.2	113
113	Lead contamination in tea leaves and non-edaphic factors affecting it. <i>Chemosphere</i> , 2005, 61, 726-732.	4.2	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.	1.8	69
115	Fe deficiency induces Cu uptake and accumulation in <i>Commelina communis</i> . <i>Plant Science</i> , 2004, 166, 1371-1377.	1.7	38
116	Effect of cadmium on nodulation and N <sub>2</sub> -fixation of soybean in contaminated soils. <i>Chemosphere</i> , 2003, 50, 781-787.	4.2	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.	1.7	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.	2.6	91
120	High Aluminum Resistance in Buckwheat1. <i>Plant Physiology</i> , 1998, 117, 745-751.	2.3	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.	1.5	201
122	Detoxifying aluminium with buckwheat. <i>Nature</i> , 1997, 390, 569-570.	13.7	403
123	A rapid hydroponic screening for aluminium tolerance in barley. <i>Plant and Soil</i> , 1997, 191, 133-137.	1.8	75