Youngsook Lee

List of Publications by Year
in descending order

145 papers	15,373 citations	13827 67 h-index	18075 120 g-index
146 all docs	146 docs citations	146 times ranked	12876 citing authors

#	Article	IF	Citations
1	OUP accepted manuscript. Plant Physiology, 2022, , .	2.3	3
2	The Chlamydomonas transcription factor MYB1 mediates lipid accumulation under nitrogen depletion. New Phytologist, 2022, 235, 595-610.	3.5	6
3	The <i>Chlamydomonas</i> bZIP transcription factor BLZ8 confers oxidative stress tolerance by inducing the carbon-concentrating mechanism. Plant Cell, 2022, 34, 910-926.	3.1	20
4	Arabidopsis <scp>ABCG27</scp> plays an essential role in flower and leaf development by modulating abscisic acid content. Physiologia Plantarum, 2022, 174, .	2.6	3
5	Phylogenetic analysis of <scp>ABCG</scp> subfamily proteins in plants: functional clustering and coevolution with <scp>ABCGs</scp> of pathogens. Physiologia Plantarum, 2021, 172, 1422-1438.	2.6	11
6	<i>Arabidopsis</i> seedling establishment under waterlogging requires ABCG5â€mediated formation of a dense cuticle layer. New Phytologist, 2021, 229, 156-172.	3.5	33
7	Two birds with one stone: CEPR2 phosphorylates dual targets in ABA signaling. Molecular Plant, 2021, 14, 550-551.	3.9	0
8	2021 update on ATP-binding cassette (ABC) transporters: how they meet the needs of plants. Plant Physiology, 2021, 187, 1876-1892.	2.3	48
9	The disassembly of lipid droplets in Chlamydomonas. New Phytologist, 2021, 231, 1359-1364.	3.5	19
10	Phosphatidylserine Is Required for the Normal Progression of Cell Plate Formation in <i>Arabidopsis</i> Root Meristems. Plant and Cell Physiology, 2021, 62, 1396-1408.	1.5	3
11	Structural and functional diversity calls for a new classification of ABC transporters. FEBS Letters, 2020, 594, 3767-3775.	1.3	169
12	The phosphatidylethanolamine-binding protein DTH1 mediates degradation of lipid droplets in <i>Chlamydomonas reinhardtii</i>. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23131-23139.	3.3	14
13	Non-intrinsic ATP-binding cassette proteins ABCI19, ABCI20 and ABCI21 modulate cytokinin response at the endoplasmic reticulum in Arabidopsis thaliana. Plant Cell Reports, 2020, 39, 473-487.	2.8	16
14	How Can We Interpret the Large Number and Diversity of ABA Transporters?. Progress in Botany Fortschritte Der Botanik, 2020, , 233-257.	0.1	1
15	CrABCA2 Facilitates Triacylglycerol Accumulation in under Nitrogen Starvation. Molecules and Cells, 2020, 43, 48-57.	1.0	5
16	MDT-15/MED15 permits longevity at low temperature via enhancing lipidostasis and proteostasis. PLoS Biology, 2019, 17, e3000415.	2.6	51
17	A Novel Prokaryote-Type ECF/ABC Transporter Module in Chloroplast Metal Homeostasis. Frontiers in Plant Science, 2019, 10, 1264.	1.7	32
18	Molecular Genetic Tools and Emerging Synthetic Biology Strategies to Increase Cellular Oil Content in Chlamydomonas reinhardtii. Plant and Cell Physiology, 2019, 60, 1184-1196.	1.5	41

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19	<i>Arabidopsis</i> ABCG28 is required for the apical accumulation of reactive oxygen species in growing pollen tubes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12540-12549.	3.3	36
20	The bZIP1 Transcription Factor Regulates Lipid Remodeling and Contributes to ER Stress Management in <i>Chlamydomonas reinhardtii</i>. Plant Cell, 2019, 31, 1127-1140.	3.1	34
21	Engineering rice with lower grain arsenic. Plant Biotechnology Journal, 2018, 16, 1691-1699.	4.1	64
22	<i>Arabidopsis thaliana</i> Raf22 protein kinase maintains growth capacity during postgerminative growth arrest under stress. Plant, Cell and Environment, 2018, 41, 1565-1578.	2.8	8
23	Identification and functional study of the endoplasmic reticulum stress sensor <scp>IRE</scp>1 in <i>Chlamydomonas reinhardtii</i>. Plant Journal, 2018, 94, 91-104.	2.8	20
24	Vacuolar Transporters for Cadmium and Arsenic in Plants and their Applications in Phytoremediation and Crop Development. Plant and Cell Physiology, 2018, 59, 1317-1325.	1.5	69
25	Functions of ABC transporters in plant growth and development. Current Opinion in Plant Biology, 2018, 41, 32-38.	3.5	186
26	Identification of amino acid residues important for the arsenic resistance function of <i>Arabidopsis </i><scp>ABCC</scp>1. FEBS Letters, 2017, 591, 656-666.	1.3	15
27	Cytokinin Transporters: GO and STOP in Signaling. Trends in Plant Science, 2017, 22, 455-461.	4.3	49
28	<i>Arabidopsis</i> ABCG34 contributes to defense against necrotrophic pathogens by mediating the secretion of camalexin. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5712-E5720.	3.3	71
29	Root avoidance of toxic metals requires the GeBPâ€LIKE 4 transcription factor in <i>Arabidopsis thaliana</i>. New Phytologist, 2017, 213, 1257-1273.	3.5	56
30	Seed-Specific Overexpression of the Pyruvate Transporter BASS2 Increases Oil Content in Arabidopsis Seeds. Frontiers in Plant Science, 2017, 8, 194.	1.7	27
31	Plant hormone transporters: what we know and what we would like to know. BMC Biology, 2017, 15, 93.	1.7	129
32	Plant membrane-protein mediated intracellular traffic of fatty acids and acyl lipids. Current Opinion in Plant Biology, 2017, 40, 138-146.	3.5	36
33	The <scp>ROP</scp>2â€<scp>RIC</scp>7 pathway negatively regulates lightâ€induced stomatal opening by inhibiting exocyst subunit Exo70B1 in Arabidopsis. New Phytologist, 2016, 209, 624-635.	3.5	54
34	Postmeiotic development of pollen surface layers requires two Arabidopsis ABCG-type transporters. Plant Cell Reports, 2016, 35, 1863-1873.	2.8	47
35	Identification of a <i>Chlamydomonas</i> plastidial 2â€lysophosphatidic acid acyltransferase and its use toÂengineer microalgae with increased oil content. Plant Biotechnology Journal, 2016, 14, 2158-2167.	4.1	72
36	Plant ABC Transporters Enable Many Unique Aspects of a Terrestrial Plant's Lifestyle. Molecular Plant, 2016, 9, 338-355.	3.9	302

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37	Cytochrome b5 Reductase 1 Triggers Serial Reactions that Lead to Iron Uptake in Plants. Molecular Plant, 2016, 9, 501-513.	3.9	26
38	Toward a Molecular Understanding of Plant Hormone Actions. Molecular Plant, 2016, 9, 1-3.	3.9	7
39	Rice <scp>PCR1</scp> influences grain weight and <scp>Z</scp>n accumulation in grains. Plant, Cell and Environment, 2015, 38, 2327-2339.	2.8	56
40	The role of ABCG-type ABC transporters in phytohormone transport. Biochemical Society Transactions, 2015, 43, 924-930.	1.6	104
41	Genetic Identification of ACC-RESISTANT2 Reveals Involvement of LYSINE HISTIDINE TRANSPORTER1 in the Uptake of 1-Aminocyclopropane-1-Carboxylic Acid in Arabidopsis thaliana. Plant and Cell Physiology, 2015, 56, 572-582.	1.5	95
42	SREBP and MDT-15 protect <i>C. elegans</i> from glucose-induced accelerated aging by preventing accumulation of saturated fat. Genes and Development, 2015, 29, 2490-2503.	2.7	101
43	The small molecule fenpropimorph rapidly converts chloroplast membrane lipids to triacylglycerols in Chlamydomonas reinhardtii. Frontiers in Microbiology, 2015, 6, 54.	1.5	18
44	Characterization of a Chlamydomonas reinhardtii mutant defective in a maltose transporter. Journal of Plant Biology, 2015, 58, 344-351.	0.9	7
45	Abscisic acid transporters cooperate to control seed germination. Nature Communications, 2015, 6, 8113.	5.8	193
46	Phytochelatinâ€“metal(loid) transport into vacuoles shows different substrate preferences in barley and <i><scp>A</scp>rabidopsis</i>. Plant, Cell and Environment, 2014, 37, 1192-1201.	2.8	134
47	ABC Transporters and Heavy Metals. Signaling and Communication in Plants, 2014, , 1-17.	0.5	18
48	A rice ABC transporter, OsABCC1, reduces arsenic accumulation in the grain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15699-15704.	3.3	406
49	Arabidopsis ROP9 and ROP10 GTPases differentially regulate auxin and ABA responses. Journal of Plant Biology, 2014, 57, 245-254.	0.9	6
50	<i>Arabidopsis</i> ABCG14 is essential for the root-to-shoot translocation of cytokinin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7150-7155.	3.3	271
51	The Role of <i>Arabidopsis</i> ABCG9 and ABCG31 ATP Binding Cassette Transporters in Pollen Fitness and the Deposition of Steryl Glycosides on the Pollen Coat. Plant Cell, 2014, 26, 310-324.	3.1	110
52	<i>Arabidopsis</i> ROPâ€interactive CRIB motifâ€containing protein 1 (RIC1) positively regulates auxin signalling and negatively regulates abscisic acid (ABA) signalling during root development. Plant, Cell and Environment, 2013, 36, 945-955.	2.8	15
53	A proteomics approach to investigate the process of <scp>Z</scp>n hyperaccumulation in <i><scp>N</scp>occaea caerulescens</i> (<scp>J</scp> & <scp>C</scp>. <scp>P</scp>resl) <scp>F</scp>.<scp>K</scp>. <scp>M</scp>eyer. Plant Journal, 2013, 73, 131-142.	2.8	59
54	Transgenic poplar trees expressing yeast cadmium factor 1 exhibit the characteristics necessary for the phytoremediation of mine tailing soil. Chemosphere, 2013, 90, 1478-1486.	4.2	111

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55	Rapid Structural Changes and Acidification of Guard Cell Vacuoles during Stomatal Closure Require Phosphatidylinositol 3,5-Bisphosphate Â. Plant Cell, 2013, 25, 2202-2216.	3.1	114
56	Vacuolar Transport of Abscisic Acid Glucosyl Ester Is Mediated by ATP-Binding Cassette and Proton-Antiport Mechanisms in Arabidopsis. Plant Physiology, 2013, 163, 1446-1458.	2.3	114
57	AtABCA9 transporter supplies fatty acids for lipid synthesis to the endoplasmic reticulum. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 773-778.	3.3	103
58	Rapid Induction of Lipid Droplets in Chlamydomonas reinhardtii and Chlorella vulgaris by Brefeldin A. PLoS ONE, 2013, 8, e81978.	1.1	63
59	AtABCG29 Is a Monolignol Transporter Involved in Lignin Biosynthesis. Current Biology, 2012, 22, 1207-1212.	1.8	265
60	Combinatorial Solid-Phase Synthesis of 4,6-Diaryl and 4-Aryl, 6-Alkyl-1,3,5-triazines and Their Application to Efficient Biofuel Production. ACS Combinatorial Science, 2012, 14, 395-398.	3.8	15
61	The phytochelatin transporters AtABCC1 and AtABCC2 mediate tolerance to cadmium and mercury. Plant Journal, 2012, 69, 278-288.	2.8	506
62	<i>Brassica juncea</i> plant cadmium resistance 1 protein (BjPCR1) facilitates the radial transport of calcium in the root. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19808-19813.	3.3	45
63	Plant ABC Transporters. The Arabidopsis Book, 2011, 9, e0153.	0.5	401
64	Functions of ABC transporters in plants. Essays in Biochemistry, 2011, 50, 145-160.	2.1	110
65	An improved method for Agrobacterium-mediated genetic transformation from cotyledon explants of Brassica juncea. Plant Biotechnology, 2011, 28, 17-23.	0.5	20
66	Active ROP2 GTPase inhibits ABAâ€•and CO₂â€induced stomatal closure. Plant, Cell and Environment, 2011, 34, 2172-2182.	2.8	20
67	An ABCG/WBCâ€type ABC transporter is essential for transport of sporopollenin precursors for exine formation in developing pollen. Plant Journal, 2011, 65, 181-193.	2.8	145
68	<i>PHOSPHATIDYLSERINE SYNTHASE1</i> is required for microspore development in <i>Arabidopsis thaliana</i>. Plant Journal, 2011, 67, 648-661.	2.8	81
69	Overexpression of a yeast cadmium factor 1 (YCF1) enhances heavy metal tolerance and accumulation in Brassica juncea. Plant Cell, Tissue and Organ Culture, 2011, 105, 85-91.	1.2	64
70	Overexpression of AtATM3 in Brassica juncea confers enhanced heavy metal tolerance and accumulation. Plant Cell, Tissue and Organ Culture, 2011, 107, 69-77.	1.2	72
71	Common Functions or Only Phylogenetically Related? The Large Family of PLAC8 Motif-Containing/PCR Genes. Molecules and Cells, 2011, 31, 1-8.	1.0	43
72	Overexpression of AtABCG36 improves drought and salt stress resistance in Arabidopsis. Physiologia Plantarum, 2010, 139, 170-180.	2.6	124

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73	PDR-type ABC transporter mediates cellular uptake of the phytohormone abscisic acid. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2355-2360.	3.3	614
74	Orthologs of the Class A4 Heat Shock Transcription Factor HsfA4a Confer Cadmium Tolerance in Wheat and Rice Â. Plant Cell, 2010, 21, 4031-4043.	3.1	240
75	Arsenic tolerance in <i>Arabidopsis</i> is mediated by two ABCC-type phytochelatin transporters. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 21187-21192.	3.3	555
76	<i>Arabidopsis</i> PCR2 Is a Zinc Exporter Involved in Both Zinc Extrusion and Long-Distance Zinc Transport. Plant Cell, 2010, 22, 2237-2252.	3.1	170
77	Plant Phosphatidylinositol 3-Kinase. Plant Cell Monographs, 2010, , 95-106.	0.4	11
78	A Mutant Strain Arabidopsis thaliana that Lacks Vacuolar Membrane Zinc Transporter MTP1 Revealed the Latent Tolerance to Excessive Zinc. Plant and Cell Physiology, 2009, 50, 1156-1170.	1.5	103
79	Disruption of <i>OsYSL15</i> Leads to Iron Inefficiency in Rice Plants Â Â Â. Plant Physiology, 2009, 150, 786-800.	2.3	312
80	Quantitative detection of changes in the leafâ€•mesophyll tonoplast proteome in dependency of a cadmium exposure of barley (<i>Hordeum vulgare</i> L.) plants. Proteomics, 2009, 9, 2668-2677.	1.3	73
81	AtHMA1 contributes to the detoxification of excess Zn(II) in Arabidopsis. Plant Journal, 2009, 58, 737-753.	2.8	167
82	Long-distance transporters of inorganic nutrients in plants. Journal of Plant Biology, 2008, 51, 240-247.	0.9	19
83	The ABC transporter AtABCB14 is a malate importer and modulates stomatal response to CO2. Nature Cell Biology, 2008, 10, 1217-1223.	4.6	243
84	Phosphatidylinositol 3â€•and 4â€•phosphate modulate actin filament reorganization in guard cells of day flower. Plant, Cell and Environment, 2008, 31, 366-377.	2.8	64
85	Plant ABC proteins â€" a unified nomenclature and updated inventory. Trends in Plant Science, 2008, 13, 151-159.	4.3	652
86	Expression of the Novel Wheat Gene TM20 Confers Enhanced Cadmium Tolerance to Bakers' Yeast. Journal of Biological Chemistry, 2008, 283, 15893-15902.	1.6	42
87	The <i>Arabidopsis</i> Small G Protein ROP2 Is Activated by Light in Guard Cells and Inhibits Light-Induced Stomatal Opening. Plant Cell, 2008, 20, 75-87.	3.1	55
88	Roles of phosphoinositides in regulation of stomatal movements. Plant Signaling and Behavior, 2008, 3, 211-213.	1.2	15
89	Flavonoids Redirect PIN-mediated Polar Auxin Fluxes during Root Gravitropic Responses. Journal of Biological Chemistry, 2008, 283, 31218-31226.	1.6	187
90	Phospholipase A2Î² mediates light-induced stomatal opening in Arabidopsis. Journal of Experimental Botany, 2008, 59, 3587-3594.	2.4	46

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91	The Arabidopsis Phosphatidylinositol 3-Kinase Is Important for Pollen Development Â Â. Plant Physiology, 2008, 147, 1886-1897.	2.3	116
92	Roles of Phosphatidylinositol 3-Kinase in Root Hair Growth. Plant Physiology, 2008, 147, 624-635.	2.3	137
93	Rice P1B-Type Heavy-Metal ATPase, OsHMA9, Is a Metal Efflux Protein. Plant Physiology, 2007, 145, 831-842.	2.3	212
94	Phosphatidylinositol 4,5â€bisphosphate is important for stomatal opening. Plant Journal, 2007, 52, 803-816.	2.8	90
95	The ABC transporter AtPDR8 is a cadmium extrusion pump conferring heavy metal resistance. Plant Journal, 2007, 50, 207-218.	2.8	593
96	The Arabidopsis vacuolar malate channel is a member of the ALMT family. Plant Journal, 2007, 52, 1169-1180.	2.8	235
97	Transgenic Poplar for Phytoremediation. , 2007, , 265-271.		2
98	Expression of yeast cadmium factor 1 (YCF1) confers salt tolerance to Arabidopsis thaliana. Plant Science, 2006, 170, 534-541.	1.7	14
99	AtATM3 Is Involved in Heavy Metal Resistance in Arabidopsis. Plant Physiology, 2006, 140, 922-932.	2.3	270
100	AtPDR12 Contributes to Lead Resistance in Arabidopsis. Plant Physiology, 2005, 138, 827-836.	2.3	268
101	A Novel Family of Cys-Rich Membrane Proteins Mediates Cadmium Resistance in Arabidopsis. Plant Physiology, 2004, 135, 1027-1039.	2.3	197
102	A Nodule-Specific Dicarboxylate Transporter from Alder Is a Member of the Peptide Transporter Family. Plant Physiology, 2004, 134, 969-978.	2.3	99
103	Phosphatidic Acid Induces Leaf Cell Death in Arabidopsis by Activating the Rho-Related Small G Protein GTPase-Mediated Pathway of Reactive Oxygen Species Generation. Plant Physiology, 2004, 134, 129-136.	2.3	151
104	Arabidopsis metallothioneins 2a and 3 enhance resistance to cadmium when expressed in Vicia faba guard cells. Plant Molecular Biology, 2004, 54, 805-815.	2.0	128
105	Engineering tolerance and accumulation of lead and cadmium in transgenic plants. Nature Biotechnology, 2003, 21, 914-919.	9.4	381
106	Functional Expression of a Bacterial Heavy Metal Transporter in Arabidopsis Enhances Resistance to and Decreases Uptake of Heavy Metals Â. Plant Physiology, 2003, 133, 589-596.	2.3	136
107	A Role for Phosphatidylinositol 3-Phosphate in Abscisic Acid-Induced Reactive Oxygen Species Generation in Guard Cells. Plant Physiology, 2003, 132, 92-98.	2.3	123
108	Phosphatidic acid induces actin polymerization by activating protein kinases in soybean cells. Molecules and Cells, 2003, 15, 313-9.	1.0	40

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109	Phosphatidylinositol 3- and 4-Phosphate Are Required for Normal Stomatal Movements. Plant Cell, 2002, 14, 2399-2412.	3.1	186
110	Pb and Cd uptake in rice roots. Physiologia Plantarum, 2002, 116, 368-372.	2.6	167
111	The role of PDR13 in tolerance to high copper stress in budding yeast. FEBS Letters, 2001, 508, 99-102.	1.3	10
112	Cortical actin filaments in guard cells respond differently to abscisic acid in wild-type and abi1 -1 mutant Arabidopsis. Planta, 2001, 212, 466-469.	1.6	34
113	Immuno-reactant to RhoA antibody co-localizes with cortical actin filaments in guard cells of open stomata inCommelina communis L.. Journal of Plant Biology, 2001, 44, 157-162.	0.9	0
114	Fast upward propagation of the wound signal that systemically elevates phosphatidic acid. Journal of Plant Biology, 2001, 44, 7-11.	0.9	1
115	Phosphatidic acid activates a wound-activated MAPK in Glycine max. Plant Journal, 2001, 26, 479-486.	2.8	135
116	Abscisic Acid-Induced Actin Reorganization in Guard Cells of Dayflower Is Mediated by Cytosolic Calcium Levels and by Protein Kinase and Protein Phosphatase Activities. Plant Physiology, 2001, 125, 2120-2128.	2.3	104
117	Stomatal opening by fusicoccin is accompanied by depolymerization of actin filaments in guard cells. Planta, 2000, 210, 1014-1017.	1.6	37
118	Identification of Rice Varieties with High Tolerance or Sensitivity to Lead and Characterization of the Mechanism of Tolerance. Plant Physiology, 2000, 124, 1019-1026.	2.3	203
119	Rac-Related GTP-Binding Protein in Elicitor-Induced Reactive Oxygen Generation by Suspension-Cultured Soybean Cells. Plant Physiology, 2000, 124, 725-732.	2.3	86
120	Blue Light Activates Potassium-Efflux Channels in Flexor Cells from Samanea saman Motor Organs via Two Mechanisms1. Plant Physiology, 2000, 123, 833-844.	2.3	51
121	Lead disturbs microtubule organization in the root meristem of <i>Zea mays</i>. Physiologia Plantarum, 2000, 110, 357-365.	2.6	125
122	Structure and Function of Actin Filaments in Mature Guard Cells. , 2000, , 427-436.		17
123	Lead disturbs microtubule organization in the root meristem of Zea mays. Physiologia Plantarum, 2000, 110, 357-365.	2.6	119
124	Oligogalacturonic Acid and Chitosan Reduce Stomatal Aperture by Inducing the Evolution of Reactive Oxygen Species from Guard Cells of Tomato and Commelina communis. Plant Physiology, 1999, 121, 147-152.	2.3	322
125	Aluminum uptake and aluminum-induced rapid root growth inhibition of rice seedlings. Journal of Plant Biology, 1999, 42, 151-158.	0.9	6
126	Aluminum induces changes in the orientation of microtubules and the division plane in root meristem of Zea mays. Journal of Plant Biology, 1998, 41, 269-276.	0.9	6

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127	Possible involvement of phospholipase A2 in light signal transduction of guard cells of Commelina communis. Physiologia Plantarum, 1998, 104, 306-310.	2.6	9
128	Actin Filaments Modulate Both Stomatal Opening and Inward K+-Channel Activities in Guard Cells of Vicia faba L. Plant Physiology, 1997, 115, 335-342.	2.3	144
129	Actin Filaments of Guard Cells Are Reorganized in Response to Light and Abscisic Acid. Plant Physiology, 1997, 115, 1491-1498.	2.3	122
130	Systemic elevation of phosphatidic acid and lysophospholipid levels in wounded plants. Plant Journal, 1997, 12, 547-556.	2.8	72
131	Systemic elevation of phosphatidic acid and lysophospholipid levels in wounded plants. Plant Journal, 1997, 12, 547-556.	2.8	153
132	Abscisic Acid-Induced Phosphoinositide Turnover in Guard Cell Protoplasts of Vicia faba. Plant Physiology, 1996, 110, 987-996.	2.3	181
133	In vivo evidence for the involvement of phospholipase A and protein kinase in the signal transduction pathway for auxin-induced corn coleoptile elongation. Physiologia Plantarum, 1996, 96, 359-368.	2.6	36
134	In vivo evidence for the involvement of phospholipase A and protein kinase in the signal transduction pathway for auxin-induced corn coleoptile elongation. Physiologia Plantarum, 1996, 96, 359-368.	2.6	31
135	Actin Filaments in Mature Guard Cells Are Radially Distributed and Involved in Stomatal Movement. Plant Physiology, 1995, 109, 1077-1084.	2.3	106
136	Polyunsaturated fatty acids modulates stomatal aperture and two distinct K+ channel currents in guard cells. Cellular Signalling, 1994, 6, 181-186.	1.7	36
137	Detection of two phospholipase A2(PLA2) activities in leaves of higher plantVicia fabaand comparison with mammalian PLA2's. FEBS Letters, 1994, 343, 213-218.	1.3	26
138	Stomatal Opening Is Induced in Epidermal Peels of Commelina communis L. by GTP Analogs or Pertussis Toxin. Plant Physiology, 1993, 102, 95-100.	2.3	60
139	Diacylglycerols induce both ion pumping in patch-clamped guard-cell protoplasts and opening of intact stomata.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2127-2131.	3.3	91
140	Effects of white, blue, red light and darkness on pH of the apoplast in the Samanea pulvinus. Planta, 1989, 178, 31-40.	1.6	46
141	Lightâ€•and Clockâ€Controlled Leaflet Movements in <i>Samanea saman</i>*: A Physiological, Biophysical and Biochemical Analysis**. Botanica Acta, 1988, 101, 205-213.	1.6	67
142	Effects of Temperature on H+ Uptake And Release During Circadian Rhythmic Movements of Excised Samanea Motor Organs. Plant Physiology, 1988, 86, 352-354.	2.3	9
143	H+ Uptake and Release during Circadian Rhythmic Movements of Excised Samanea Motor Organs. Plant Physiology, 1987, 83, 856-862.	2.3	15
144	Chronobiology of Aging in <i>Albizzia julibrissin</i>. Plant Physiology, 1984, 76, 858-860.	2.3	4

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145	Effects of Age, Water Stress, and 1-Aminocyclopropane-1-carboxylic Acid on Leaflet Movement in <i>Albizzia julibrissin</i>. Plant Physiology, 1983, 71, 669-672.	2.3	4