

# Sheng Luan

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2674730/sheng-luan-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122  
papers

6,529  
citations

41  
h-index

79  
g-index

131  
ext. papers

8,439  
ext. citations

9.3  
avg. IF

6.21  
L-index

#	Paper	IF	Citations
122	Four Plasma Membrane-Localized MGR Transporters Mediate Xylem Mg Loading for Root-to-Shoot Mg Translocation in Arabidopsis.. <i>Molecular Plant</i> , <b>2022</b> ,	14.4	2
121	A plasma membrane transporter coordinates phosphate reallocation and grain filling in cereals. <i>Nature Genetics</i> , <b>2021</b> , 53, 906-915	36.3	12
120	A Golgi-localized manganese transporter functions in pollen tube tip growth to control male fertility in. <i>Plant Communications</i> , <b>2021</b> , 2, 100178	9	4
119	A transceptor-channel complex couples nitrate sensing to calcium signaling in Arabidopsis. <i>Molecular Plant</i> , <b>2021</b> , 14, 774-786	14.4	18
118	Potential Networks of Nitrogen-Phosphorus-Potassium Channels and Transporters in Arabidopsis Roots at a Single Cell Resolution. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 689545	6.2	0
117	Structural and functional analyses of the PPIase domain of Arabidopsis thaliana CYP71 reveal its catalytic activity toward histone H3. <i>FEBS Letters</i> , <b>2021</b> , 595, 145-154	3.8	0
116	PHOTO-SENSITIVE LEAF ROLLING 1 encodes a polygalacturonase that modifies cell wall structure and drought tolerance in rice. <i>New Phytologist</i> , <b>2021</b> , 229, 890-901	9.8	10
115	An ICLN homolog contributes to osmotic and low-nitrate tolerance by enhancing nitrate accumulation in Arabidopsis. <i>Plant, Cell and Environment</i> , <b>2021</b> , 44, 1580-1595	8.4	1
114	Evidence for the involvement of in mechanical responses. <i>Plant Signaling and Behavior</i> , <b>2021</b> , 16, 1889252	5.5	1
113	Kinase SnRK1.1 regulates nitrate channel SLAH3 engaged in nitrate-dependent alleviation of ammonium toxicity. <i>Plant Physiology</i> , <b>2021</b> , 186, 731-749	6.6	6
112	Loss of mature D1 leads to compromised CP43 assembly in Arabidopsis thaliana. <i>BMC Plant Biology</i> , <b>2021</b> , 21, 106	5.3	1
111	Recent Advances in Genome-wide Analyses of Plant Potassium Transporter Families.. <i>Current Genomics</i> , <b>2021</b> , 22, 164-180	2.6	1
110	Calcium Signaling Mechanisms Across Kingdoms. <i>Annual Review of Cell and Developmental Biology</i> , <b>2021</b> , 37, 311-340	12.6	12
109	Rice Potassium Transporter OsHAK8 Mediates K Uptake and Translocation in Response to Low K Stress. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 730002	6.2	4
108	AtPiezo Plays an Important Role in Root Cap Mechanotransduction. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	11
107	Rice Na-Permeable Transporter OsHAK12 Mediates Shoots Na Exclusion in Response to Salt Stress.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 771746	6.2	0
106	Evaluation of the utility of genomic information to improve genetic evaluation of feed efficiency traits of the Pacific white shrimp <i>Litopenaeus vannamei</i> . <i>Aquaculture</i> , <b>2020</b> , 527, 735421	4.4	2

105	Type A2 BTB Members Decrease the ABA Response during Seed Germination by Affecting the Stability of SnRK2.3 in. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
104	Using single-step genomic best linear unbiased prediction to improve the efficiency of genetic evaluation on body weight in <i>Macrobrachium rosenbergii</i> . <i>Aquaculture</i> , <b>2020</b> , 528, 735577	4.4	4
103	Rhythms of magnesium. <i>Nature Plants</i> , <b>2020</b> , 6, 742-743	11.5	1
102	The CBL-CIPK Calcium Signaling Network: Unified Paradigm from 20 Years of Discoveries. <i>Trends in Plant Science</i> , <b>2020</b> , 25, 604-617	13.1	70
101	A calcium signalling network activates vacuolar K remobilization to enable plant adaptation to low-K environments. <i>Nature Plants</i> , <b>2020</b> , 6, 384-393	11.5	40
100	Calcium spikes, waves and oscillations in plant development and biotic interactions. <i>Nature Plants</i> , <b>2020</b> , 6, 750-759	11.5	70
99	A Thylakoid Membrane Protein Functions Synergistically with GUN5 in Chlorophyll Biosynthesis. <i>Plant Communications</i> , <b>2020</b> , 1, 100094	9	7
98	Choline transporter-like 1 (CTL1) positively regulates apical hook development in etiolated <i>Arabidopsis</i> seedlings. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 525, 491-497	3.4	0
97	Receptor kinase FERONIA regulates flowering time in <i>Arabidopsis</i> . <i>BMC Plant Biology</i> , <b>2020</b> , 20, 26	5.3	13
96	Seedling Lethal 1 Interacting With Plastid-Encoded RNA Polymerase Complex Proteins Is Essential for Chloroplast Development. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 602782	6.2	3
95	Two tonoplast proton pumps function in <i>Arabidopsis</i> embryo development. <i>New Phytologist</i> , <b>2020</b> , 225, 1606-1617	9.8	7
94	AtFKBP53: a chimeric histone chaperone with functional nucleoplasmic and PPIase domains. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 1531-1550	20.1	3
93	Plant Membrane Transport Research in the Post-genomic Era. <i>Plant Communications</i> , <b>2020</b> , 1, 100013	9	13
92	Two glutamate- and pH-regulated Ca channels are required for systemic wound signaling in. <i>Science Signaling</i> , <b>2020</b> , 13,	8.8	35
91	Reducing the Common Environmental Effect on <i>Litopenaeus vannamei</i> Body Weight by Rearing Communally at Early Developmental Stages and Using a Reconstructed Pedigree. <i>Journal of Ocean University of China</i> , <b>2020</b> , 19, 923-930	1	
90	Genome-Wide Analysis of the Five Phosphate Transporter Families in and Their Expressions in Response to Low-P. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
89	Danger-Associated Peptide Regulates Root Immune Responses and Root Growth by Affecting ROS Formation in. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
88	Feed competition reduces heritable variation for body weight in <i>Litopenaeus vannamei</i> . <i>Genetics Selection Evolution</i> , <b>2020</b> , 52, 45	4.9	0

87	Nematode-Encoded RALF Peptide Mimics Facilitate Parasitism of Plants through the FERONIA Receptor Kinase. <i>Molecular Plant</i> , <b>2020</b> , 13, 1434-1454	14.4	26
86	The RING finger E3 ligases PIR1 and PIR2 mediate PP2CA degradation to enhance abscisic acid response in Arabidopsis. <i>Plant Journal</i> , <b>2019</b> , 100, 473-486	6.9	15
85	Molecular identification of the magnesium transport gene family in Brassica napus. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 136, 204-214	5.4	12
84	Dynamic Interactions of Plant CNGC Subunits and Calmodulins Drive Oscillatory Ca Channel Activities. <i>Developmental Cell</i> , <b>2019</b> , 48, 710-725.e5	10.2	55
83	Danger-Associated Peptides Interact with PIN-Dependent Local Auxin Distribution to Inhibit Root Growth in Arabidopsis. <i>Plant Cell</i> , <b>2019</b> , 31, 1767-1787	11.6	12
82	Calcineurin B-Like Proteins CBL4 and CBL10 Mediate Two Independent Salt Tolerance Pathways in. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	26
81	A calmodulin-gated calcium channel links pathogen patterns to plant immunity. <i>Nature</i> , <b>2019</b> , 572, 131-135	13.4	162
80	A Defective Vacuolar Proton Pump Enhances Aluminum Tolerance by Reducing Vacuole Sequestration of Organic Acids. <i>Plant Physiology</i> , <b>2019</b> , 181, 743-761	6.6	9
79	The Shaker Type Potassium Channel, GORK, Regulates Abscisic Acid Signaling in Arabidopsis. <i>Plant Pathology Journal</i> , <b>2019</b> , 35, 684-691	2.5	3
78	Vacuolar Phosphate Transporters Contribute to Systemic Phosphate Homeostasis Vital for Reproductive Development in Arabidopsis. <i>Plant Physiology</i> , <b>2019</b> , 179, 640-655	6.6	14
77	Identification of vacuolar phosphate efflux transporters in land plants. <i>Nature Plants</i> , <b>2019</b> , 5, 84-94	11.5	53
76	Golgi-localized cation/proton exchangers regulate ionic homeostasis and skotomorphogenesis in Arabidopsis. <i>Plant, Cell and Environment</i> , <b>2019</b> , 42, 673-687	8.4	18
75	OSGATA7 modulates brassinosteroids-mediated growth regulation and influences architecture and grain shape. <i>Plant Biotechnology Journal</i> , <b>2018</b> , 16, 1261-1264	11.6	10
74	Vacuolar Phosphate Transporter 1 (VPT1) Affects Arsenate Tolerance by Regulating Phosphate Homeostasis in Arabidopsis. <i>Plant and Cell Physiology</i> , <b>2018</b> , 59, 1345-1352	4.9	12
73	Danger-Associated Peptides Close Stomata by OST1-Independent Activation of Anion Channels in Guard Cells. <i>Plant Cell</i> , <b>2018</b> , 30, 1132-1146	11.6	35
72	calcineurin B-like proteins differentially regulate phosphorylation activity of CBL-interacting protein kinase 9. <i>Biochemical Journal</i> , <b>2018</b> , 475, 2621-2636	3.8	18
71	Magnesium Transporter MGT6 Plays an Essential Role in Maintaining Magnesium Homeostasis and Regulating High Magnesium Tolerance in. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 274	6.2	23
70	Paradigms and Networks for Intracellular Calcium Signaling in Plant Cells <b>2018</b> , 163-188		1

69	Vacuolar Proton Pyrophosphatase Is Required for High Magnesium Tolerance in. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	11
68	EBP1 nuclear accumulation negatively feeds back on FERONIA-mediated RALF1 signaling. <i>PLoS Biology</i> , <b>2018</b> , 16, e2006340	9.7	35
67	A protein phosphatase 2C, AP2C1, interacts with and negatively regulates the function of CIPK9 under potassium-deficient conditions in Arabidopsis. <i>Journal of Experimental Botany</i> , <b>2018</b> , 69, 4003-4015	7	47
66	Inner Envelope CHLOROPLAST MANGANESE TRANSPORTER 1 Supports Manganese Homeostasis and Phototrophic Growth in Arabidopsis. <i>Molecular Plant</i> , <b>2018</b> , 11, 943-954	14.4	36
65	Loss-of-function mutation of the calcium sensor CBL1 increases aluminum sensitivity in Arabidopsis. <i>New Phytologist</i> , <b>2017</b> , 214, 830-841	9.8	28
64	Two tonoplast MATE proteins function as turgor-regulating chloride channels in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E2036-E2045	11.5	53
63	Arabidopsis CNGC14 Mediates Calcium Influx Required for Tip Growth in Root Hairs. <i>Molecular Plant</i> , <b>2017</b> , 10, 1004-1006	14.4	38
62	The Maize MID-COMPLEMENTING ACTIVITY Homolog CELL NUMBER REGULATOR13/NARROW ODD DWARF Coordinates Organ Growth and Tissue Patterning. <i>Plant Cell</i> , <b>2017</b> , 29, 474-490	11.6	29
61	FERONIA Receptor Kinase at the Crossroads of Hormone Signaling and Stress Responses. <i>Plant and Cell Physiology</i> , <b>2017</b> , 58, 1143-1150	4.9	53
60	ZxAKT1 is essential for K uptake and K /Na homeostasis in the succulent xerophyte <i>Zygophyllum xanthoxylum</i> . <i>Plant Journal</i> , <b>2017</b> , 90, 48-60	6.9	37
59	Calcium-dependent protein kinase CPK31 interacts with arsenic transporter AtNIP1;1 and regulates arsenite uptake in Arabidopsis thaliana. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173681	3.7	46
58	A survey of the pyrabactin resistance-like abscisic acid receptor gene family in poplar. <i>Plant Signaling and Behavior</i> , <b>2017</b> , 12, e1356966	2.5	5
57	Regulation of calcium and magnesium homeostasis in plants: from transporters to signaling network. <i>Current Opinion in Plant Biology</i> , <b>2017</b> , 39, 97-105	9.9	99
56	Genetically encoded calcium indicators for fluorescence imaging in the moss <i>Physcomitrella</i> : GCaMP3 provides a bright new look. <i>Plant Biotechnology Journal</i> , <b>2017</b> , 15, 1235-1237	11.6	16
55	Overexpression of Pyrabactin Resistance-Like Abscisic Acid Receptors Enhances Drought, Osmotic, and Cold Tolerance in Transgenic Poplars. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1752	6.2	28
54	The Rice High-Affinity K Transporter OsHKT2;4 Mediates Mg Homeostasis under High-Mg Conditions in Transgenic. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 1823	6.2	9
53	Arabidopsis choline transporter-like 1 (CTL1) regulates secretory trafficking of auxin transporters to control seedling growth. <i>PLoS Biology</i> , <b>2017</b> , 15, e2004310	9.7	19
52	Transport and homeostasis of potassium and phosphate: limiting factors for sustainable crop production. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 3091-3105	7	35

51	FERONIA interacts with ABI2-type phosphatases to facilitate signaling cross-talk between abscisic acid and RALF peptide in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5519-27	11.5	114
50	Overexpression of Poplar Pyrabactin Resistance-Like Abscisic Acid Receptors Promotes Abscisic Acid Sensitivity and Drought Resistance in Transgenic Arabidopsis. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168040	3.7	29
49	Constant change: dynamic regulation of membrane transport by calcium signalling networks keeps plants in tune with their environment. <i>Plant, Cell and Environment</i> , <b>2016</b> , 39, 467-81	8.4	13
48	Receptor kinase complex transmits RALF peptide signal to inhibit root growth in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E8326-E8334	11.5	86
47	Peptide signaling in plants: finding partners is the key. <i>Cell Research</i> , <b>2016</b> , 26, 755-6	24.7	4
46	Vacuolar SPX-MFS transporters are essential for phosphate adaptation in plants. <i>Plant Signaling and Behavior</i> , <b>2016</b> , 11, e1213474	2.5	19
45	PSB27: A thylakoid protein enabling Arabidopsis to adapt to changing light intensity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1613-8	11.5	31
44	Calcineurin B-Like Protein-Interacting Protein Kinase CIPK21 Regulates Osmotic and Salt Stress Responses in Arabidopsis. <i>Plant Physiology</i> , <b>2015</b> , 169, 780-92	6.6	80
43	Receptor protein kinase FERONIA controls leaf starch accumulation by interacting with glyceraldehyde-3-phosphate dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 465, 77-82	3.4	41
42	An ABC transporter complex encoded by Aluminum Sensitive 3 and NAP3 is required for phosphate deficiency responses in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 463, 18-23	3.4	20
41	Rice cyclophilin OsCYP18-2 is translocated to the nucleus by an interaction with SKIP and enhances drought tolerance in rice and Arabidopsis. <i>Plant, Cell and Environment</i> , <b>2015</b> , 38, 2071-87	8.4	27
40	Anion channel SLAH3 functions in nitrate-dependent alleviation of ammonium toxicity in Arabidopsis. <i>Plant, Cell and Environment</i> , <b>2015</b> , 38, 474-86	8.4	59
39	Plant immunophilins: a review of their structure-function relationship. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2015</b> , 1850, 2145-58	4	29
38	FERONIA receptor kinase interacts with S-adenosylmethionine synthetase and suppresses S-adenosylmethionine production and ethylene biosynthesis in Arabidopsis. <i>Plant, Cell and Environment</i> , <b>2015</b> , 38, 2566-74	8.4	77
37	A calcium sensor-regulated protein kinase, CALCINEURIN B-LIKE PROTEIN-INTERACTING PROTEIN KINASE19, is required for pollen tube growth and polarity. <i>Plant Physiology</i> , <b>2015</b> , 167, 1351-60	6.6	38
36	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> , <b>2015</b> , 395, 173-187	4.2	25
35	The calcium sensor CBL7 modulates plant responses to low nitrate in Arabidopsis. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 468, 59-65	3.4	28
34	A vacuolar phosphate transporter essential for phosphate homeostasis in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E6571-8	11.5	120

33	A molecular pathway for CO <sub>2</sub> response in Arabidopsis guard cells. <i>Nature Communications</i> , <b>2015</b> , 6, 6057	17.4	103
32	Tonoplast CBL-CIPK calcium signaling network regulates magnesium homeostasis in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 3134-9	11.5	135
31	An endoplasmic reticulum magnesium transporter is essential for pollen development in Arabidopsis. <i>Plant Science</i> , <b>2015</b> , 231, 212-20	5.3	34
30	Pronounced Phenotypic Changes in Transgenic Tobacco Plants Overexpressing Sucrose Synthase May Reveal a Novel Sugar Signaling Pathway. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 1216	6.2	18
29	A DTX/MATE-type transporter facilitates abscisic acid efflux and modulates ABA sensitivity and drought tolerance in Arabidopsis. <i>Molecular Plant</i> , <b>2014</b> , 7, 1522-32	14.4	159
28	DUF221 proteins are a family of osmosensitive calcium-permeable cation channels conserved across eukaryotes. <i>Cell Research</i> , <b>2014</b> , 24, 632-5	24.7	125
27	Arabidopsis Transporter MGT6 Mediates Magnesium Uptake and Is Required for Growth under Magnesium Limitation. <i>Plant Cell</i> , <b>2014</b> , 26, 2234-2248	11.6	72
26	A prominent role for RCAR3-mediated ABA signaling in response to <i>Pseudomonas syringae</i> pv. tomato DC3000 infection in Arabidopsis. <i>Plant and Cell Physiology</i> , <b>2014</b> , 55, 1691-703	4.9	56
25	From receptor-like kinases to calcium spikes: what are the missing links?. <i>Molecular Plant</i> , <b>2014</b> , 7, 1501-4	4.4	11
24	Comparative phylogenomics of the CBL-CIPK calcium-decoding network in the moss <i>Physcomitrella</i> , Arabidopsis, and other green lineages. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 187	6.2	50
23	Site- and kinase-specific phosphorylation-mediated activation of SLAC1, a guard cell anion channel stimulated by abscisic acid. <i>Science Signaling</i> , <b>2014</b> , 7, ra86	8.8	130
22	Potassium nutrition, sodium toxicity, and calcium signaling: connections through the CBL-CIPK network. <i>Current Opinion in Plant Biology</i> , <b>2009</b> , 12, 339-46	9.9	153
21	Magnesium transporter AtMGT9 is essential for pollen development in Arabidopsis. <i>Cell Research</i> , <b>2009</b> , 19, 887-98	24.7	65
20	The CBL-CIPK network in plant calcium signaling. <i>Trends in Plant Science</i> , <b>2009</b> , 14, 37-42	13.1	397
19	A mitochondrial magnesium transporter functions in Arabidopsis pollen development. <i>Molecular Plant</i> , <b>2008</b> , 1, 675-85	14.4	67
18	AtMGT7: An Arabidopsis gene encoding a low-affinity magnesium transporter. <i>Journal of Integrative Plant Biology</i> , <b>2008</b> , 50, 1530-8	8.3	36
17	Protein phosphatases in plants. <i>Annual Review of Plant Biology</i> , <b>2003</b> , 54, 63-92	30.7	214
16	Calmodulins and calcineurin B-like proteins: calcium sensors for specific signal response coupling in plants. <i>Plant Cell</i> , <b>2002</b> , 14 Suppl, S389-400	11.6	517

15	Tyrosine phosphorylation in plant cell signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 11567-9	11.5	66
14	Protein tyrosine phosphatases in higher plants. <i>New Phytologist</i> , <b>2001</b> , 151, 155-164	9.8	18
13	A novel family of magnesium transport genes in Arabidopsis. <i>Plant Cell</i> , <b>2001</b> , 13, 2761-75	11.6	215
12	Internal Aluminum Block of Plant Inward K <sup>+</sup> Channels. <i>Plant Cell</i> , <b>2001</b> , 13, 1453-1466	11.6	39
11	ATMPK4, an Arabidopsis homolog of mitogen-activated protein kinase, is activated in vitro by AtMEK1 through threonine phosphorylation. <i>Plant Physiology</i> , <b>2000</b> , 122, 1301-10	6.6	131
10	Inward potassium channel in guard cells as a target for polyamine regulation of stomatal movements. <i>Plant Physiology</i> , <b>2000</b> , 124, 1315-26	6.6	222
9	Interaction specificity of Arabidopsis calcineurin B-like calcium sensors and their target kinases. <i>Plant Physiology</i> , <b>2000</b> , 124, 1844-53	6.6	162
8	Novel protein kinases associated with calcineurin B-like calcium sensors in Arabidopsis. <i>Plant Cell</i> , <b>1999</b> , 11, 2393-405	11.6	262
7	Functional expression and characterization of a plant K <sup>+</sup> channel gene in a plant cell model. <i>Plant Journal</i> , <b>1998</b> , 13, 857-65	6.9	41
6	Molecular characterization of a plant FKBP12 that does not mediate action of FK506 and rapamycin. <i>Plant Journal</i> , <b>1998</b> , 15, 511-9	6.9	68
5	Identification of a dual-specificity protein phosphatase that inactivates a MAP kinase from Arabidopsis. <i>Plant Journal</i> , <b>1998</b> , 16, 581-9	6.9	130
4	Molecular characterization of a tyrosine-specific protein phosphatase encoded by a stress-responsive gene in Arabidopsis. <i>Plant Cell</i> , <b>1998</b> , 10, 849-57	11.6	154
3	Voltage-dependent K <sup>+</sup> channels as targets of osmosensing in guard cells. <i>Plant Cell</i> , <b>1998</b> , 10, 1957-70	11.6	86
2	AtKuP1: a dual-affinity K <sup>+</sup> transporter from Arabidopsis. <i>Plant Cell</i> , <b>1998</b> , 10, 63-73	11.6	243
1	Paradigms and Networks for Intracellular Calcium Signaling in Plant Cells 163-188		