

Sheng Luan

List of Publications by Year in descending order

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127
papers

9,592
citations

36203

51
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131
all docs

131
docs citations

131
times ranked

8194
citing authors

#	ARTICLE	IF	CITATIONS
1	Calmodulins and Calcineurin Bâ€™like Proteins. <i>Plant Cell</i> , 2002, 14, S389-S400.	3.1	619
2	The CBLâ€™CIPK network in plant calcium signaling. <i>Trends in Plant Science</i> , 2009, 14, 37-42.	4.3	491
3	A calmodulin-gated calcium channel links pathogen patterns to plant immunity. <i>Nature</i> , 2019, 572, 131-135.	13.7	320
4	Novel Protein Kinases Associated with Calcineurin Bâ€™like Calcium Sensors in Arabidopsis. <i>Plant Cell</i> , 1999, 11, 2393-2405.	3.1	288
5	Inward Potassium Channel in Guard Cells As a Target for Polyamine Regulation of Stomatal Movements. <i>Plant Physiology</i> , 2000, 124, 1315-1326.	2.3	261
6	A Novel Family of Magnesium Transport Genes in Arabidopsis. <i>Plant Cell</i> , 2001, 13, 2761-2775.	3.1	261
7	AtKUP1: A Dual-Affinity K ⁺ Transporter from Arabidopsis. <i>Plant Cell</i> , 1998, 10, 63-73.	3.1	257
8	PROTEINPHOSPHATASES IN PLANTS. <i>Annual Review of Plant Biology</i> , 2003, 54, 63-92.	8.6	248
9	A DTX/MATE-Type Transporter Facilitates Abscisic Acid Efflux and Modulates ABA Sensitivity and Drought Tolerance in Arabidopsis. <i>Molecular Plant</i> , 2014, 7, 1522-1532.	3.9	238
10	Tonoplast CBLâ€™CIPK calcium signaling network regulates magnesium homeostasis in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3134-3139.	3.3	208
11	DUF221 proteins are a family of osmosensitive calcium-permeable cation channels conserved across eukaryotes. <i>Cell Research</i> , 2014, 24, 632-635.	5.7	198
12	Interaction Specificity of Arabidopsis Calcineurin B-Like Calcium Sensors and Their Target Kinases. <i>Plant Physiology</i> , 2000, 124, 1844-1853.	2.3	192
13	Calcium spikes, waves and oscillations in plant development and biotic interactions. <i>Nature Plants</i> , 2020, 6, 750-759.	4.7	188
14	Potassium nutrition, sodium toxicity, and calcium signaling: connections through the CBLâ€™CIPK network. <i>Current Opinion in Plant Biology</i> , 2009, 12, 339-346.	3.5	187
15	FERONIA interacts with ABI2-type phosphatases to facilitate signaling cross-talk between abscisic acid and RALF peptide in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5519-27.	3.3	185
16	The CBLâ€™CIPK Calcium Signaling Network: Unified Paradigm from 20 Years of Discoveries. <i>Trends in Plant Science</i> , 2020, 25, 604-617.	4.3	181
17	A vacuolar phosphate transporter essential for phosphate homeostasis in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6571-8.	3.3	173
18	Regulation of calcium and magnesium homeostasis in plants: from transporters to signaling network. <i>Current Opinion in Plant Biology</i> , 2017, 39, 97-105.	3.5	170

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19	Site- and kinase-specific phosphorylation-mediated activation of SLAC1, a guard cell anion channel stimulated by abscisic acid. <i>Science Signaling</i> , 2014, 7, ra86.	1.6	168
20	Molecular Characterization of a Tyrosine-Specific Protein Phosphatase Encoded by a Stress-Responsive Gene in Arabidopsis. <i>Plant Cell</i> , 1998, 10, 849-857.	3.1	160
21	ATMPK4, an Arabidopsis Homolog of Mitogen-Activated Protein Kinase, Is Activated in Vitro by AtMEK1 through Threonine Phosphorylation. <i>Plant Physiology</i> , 2000, 122, 1301-1310.	2.3	147
22	A molecular pathway for CO ₂ response in Arabidopsis guard cells. <i>Nature Communications</i> , 2015, 6, 6057.	5.8	145
23	Receptor kinase complex transmits RALF peptide signal to inhibit root growth in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8326-E8334.	3.3	138
24	Identification of a dual-specificity protein phosphatase that inactivates a MAP kinase from Arabidopsis. <i>Plant Journal</i> , 1998, 16, 581-589.	2.8	132
25	Calcineurin B-Like Protein-Interacting Protein Kinase CIPK21 Regulates Osmotic and Salt Stress Responses in Arabidopsis. <i>Plant Physiology</i> , 2015, 169, 780-792.	2.3	126
26	Identification of vacuolar phosphate efflux transporters in land plants. <i>Nature Plants</i> , 2019, 5, 84-94.	4.7	115
27	<i>Arabidopsis</i> Transporter MGT6 Mediates Magnesium Uptake and Is Required for Growth under Magnesium Limitation. <i>Plant Cell</i> , 2014, 26, 2234-2248.	3.1	108
28	<i>FERONIA</i> receptor kinase interacts with <i>S</i> adenosylmethionine synthetase and suppresses <i>S</i> adenosylmethionine production and ethylene biosynthesis in <i>A</i> . <i>Plant, Cell and Environment</i> , 2015, 38, 2566-2574.	2.8	98
29	Calcium Signaling Mechanisms Across Kingdoms. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 311-340.	4.0	98
30	Voltage-Dependent K ⁺ Channels as Targets of Osmosensing in Guard Cells. <i>Plant Cell</i> , 1998, 10, 1957-1970.	3.1	94
31	Dynamic Interactions of Plant CNGC Subunits and Calmodulins Drive Oscillatory Ca ²⁺ Channel Activities. <i>Developmental Cell</i> , 2019, 48, 710-725.e5.	3.1	92
32	Magnesium transporter AtMGT9 is essential for pollen development in Arabidopsis. <i>Cell Research</i> , 2009, 19, 887-898.	5.7	91
33	A Mitochondrial Magnesium Transporter Functions in Arabidopsis Pollen Development. <i>Molecular Plant</i> , 2008, 1, 675-685.	3.9	87
34	Molecular characterization of a plant FKBP12 that does not mediate action of FK506 and rapamycin. <i>Plant Journal</i> , 1998, 15, 511-519.	2.8	85
35	Anion channel <i>SLAH</i> ₃ functions in nitrate-dependent alleviation of ammonium toxicity in <i>A</i> . <i>Plant, Cell and Environment</i> , 2015, 38, 474-486.	2.8	84
36	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> , 2014, 55, 1691-1703.	1.5	83

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37	FERONIA Receptor Kinase at the Crossroads of Hormone Signaling and Stress Responses. <i>Plant and Cell Physiology</i> , 2017, 58, 1143-1150.	1.5	83
38	Two glutamate- and pH-regulated Ca ²⁺ channels are required for systemic wound signaling in <i>Arabidopsis</i> . <i>Science Signaling</i> , 2020, 13, .	1.6	77
39	Tyrosine phosphorylation in plant cell signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11567-11569.	3.3	76
40	A calcium signalling network activates vacuolar K ⁺ remobilization to enable plant adaptation to low-K environments. <i>Nature Plants</i> , 2020, 6, 384-393.	4.7	76
41	Comparative phylogenomics of the CBL-CIPK calcium-decoding network in the moss <i>Physcomitrella</i> , <i>Arabidopsis</i> , and other green lineages. <i>Frontiers in Plant Science</i> , 2014, 5, 187.	1.7	72
42	Inner Envelope CHLOROPLAST MANGANESE TRANSPORTER 1 Supports Manganese Homeostasis and Phototrophic Growth in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2018, 11, 943-954.	3.9	71
43	An endoplasmic reticulum magnesium transporter is essential for pollen development in <i>Arabidopsis</i> . <i>Plant Science</i> , 2015, 231, 212-220.	1.7	70
44	Two tonoplast MATE proteins function as turgor-regulating chloride channels in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2036-E2045.	3.3	70
45	Nematode-Encoded RALF Peptide Mimics Facilitate Parasitism of Plants through the FERONIA Receptor Kinase. <i>Molecular Plant</i> , 2020, 13, 1434-1454.	3.9	67
46	Calcium-dependent protein kinase CPK31 interacts with arsenic transporter AtNIP1;1 and regulates arsenite uptake in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2017, 12, e0173681.	1.1	66
47	EBP1 nuclear accumulation negatively feeds back on FERONIA-mediated RALF1 signaling. <i>PLoS Biology</i> , 2018, 16, e2006340.	2.6	66
48	A protein phosphatase 2C, AP2C1, interacts with and negatively regulates the function of CIPK9 under potassium-deficient conditions in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2018, 69, 4003-4015.	2.4	65
49	<i>Arabidopsis</i> CNGC14 Mediates Calcium Influx Required for Tip Growth in Root Hairs. <i>Molecular Plant</i> , 2017, 10, 1004-1006.	3.9	61
50	A transceptor channel complex couples nitrate sensing to calcium signaling in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2021, 14, 774-786.	3.9	60
51	PSB27: A thylakoid protein enabling <i>Arabidopsis</i> to adapt to changing light intensity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1613-1618.	3.3	58
52	Receptor protein kinase FERONIA controls leaf starch accumulation by interacting with glyceraldehyde-3-phosphate dehydrogenase. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 77-82.	1.0	57
53	Overexpression of Pyrabactin Resistance-Like Abscisic Acid Receptors Enhances Drought, Osmotic, and Cold Tolerance in Transgenic Poplars. <i>Frontiers in Plant Science</i> , 2017, 8, 1752.	1.7	57
54	Danger-Associated Peptides Close Stomata by OST1-Independent Activation of Anion Channels in Guard Cells. <i>Plant Cell</i> , 2018, 30, 1132-1146.	3.1	57

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55	A plasma membrane transporter coordinates phosphate reallocation and grain filling in cereals. <i>Nature Genetics</i> , 2021, 53, 906-915.	9.4	55
56	A Calcium Sensor-Regulated Protein Kinase, CALCINEURIN B-LIKE PROTEIN-INTERACTING PROTEIN KINASE19, Is Required for Pollen Tube Growth and Polarity Å. <i>Plant Physiology</i> , 2015, 167, 1351-1360.	2.3	53
57	The Maize MID-COMPLEMENTING ACTIVITY Homolog CELL NUMBER REGULATOR13/NARROW ODD DWARF Coordinates Organ Growth and Tissue Patterning. <i>Plant Cell</i> , 2017, 29, 474-490.	3.1	52
58	ZxAKT1 is essential for K ⁺ uptake and K ⁺ /Na ⁺ homeostasis in the succulent xerophyte <i>Zygophyllum xanthoxylum</i> . <i>Plant Journal</i> , 2017, 90, 48-60.	2.8	51
59	Loss of function mutation of the calcium sensor CBL1 increases aluminum sensitivity in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2017, 214, 830-841.	3.5	50
60	The inward-rectifying K ⁺ channel SsAKT1 is a candidate involved in K ⁺ uptake in the halophyte <i>Suaeda salsa</i> under saline condition. <i>Plant and Soil</i> , 2015, 395, 173-187.	1.8	49
61	Calcineurin B-Like Proteins CBL4 and CBL10 Mediate Two Independent Salt Tolerance Pathways in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 2421.	1.8	49
62	Functional expression and characterization of a plant K ⁺ channel gene in a plant cell model. <i>Plant Journal</i> , 1998, 13, 857-865.	2.8	48
63	Internal Aluminum Block of Plant Inward K ⁺ Channels. <i>Plant Cell</i> , 2001, 13, 1453-1466.	3.1	48
64	<i>AtMGT7</i> : An <i>Arabidopsis</i> Gene Encoding a Low Affinity Magnesium Transporter. <i>Journal of Integrative Plant Biology</i> , 2008, 50, 1530-1538.	4.1	45
65	Overexpression of Poplar Pyrabactin Resistance-Like Abscisic Acid Receptors Promotes Abscisic Acid Sensitivity and Drought Resistance in Transgenic <i>Arabidopsis</i> . <i>PLoS ONE</i> , 2016, 11, e0168040.	1.1	43
66	Transport and homeostasis of potassium and phosphate: limiting factors for sustainable crop production. <i>Journal of Experimental Botany</i> , 2016, 68, erw444.	2.4	42
67	The calcium sensor CBL7 modulates plant responses to low nitrate in <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 59-65.	1.0	40
68	<i>PHOTOSENSITIVE LEAF ROLLING 1</i> encodes a polygalacturonase that modifies cell wall structure and drought tolerance in rice. <i>New Phytologist</i> , 2021, 229, 890-901.	3.5	40
69	Plant immunophilins: a review of their structure-function relationship. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2145-2158.	1.1	38
70	Rice cyclophilin OsCYP18 is translocated to the nucleus by an interaction with SKIP and enhances drought tolerance in rice and <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2015, 38, 2071-2087.	2.8	37
71	Magnesium Transporter MGT6 Plays an Essential Role in Maintaining Magnesium Homeostasis and Regulating High Magnesium Tolerance in <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 274.	1.7	37
72	Kinase SnRK1.1 regulates nitrate channel SLAH3 engaged in nitrate-dependent alleviation of ammonium toxicity. <i>Plant Physiology</i> , 2021, 186, 731-749.	2.3	37

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73	Arabidopsis choline transporter-like 1 (CTL1) regulates secretory trafficking of auxin transporters to control seedling growth. <i>PLoS Biology</i> , 2017, 15, e2004310.	2.6	35
74	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> , 2015, 463, 18-23.	1.0	33
75	FAIR: A Call to Make Published Data More Findable, Accessible, Interoperable, and Reusable. <i>Molecular Plant</i> , 2018, 11, 1105-1108.	3.9	31
76	Danger-Associated Peptides Interact with PIN-Dependent Local Auxin Distribution to Inhibit Root Growth in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1767-1787.	3.1	31
77	Vacuolar Phosphate Transporters Contribute to Systemic Phosphate Homeostasis Vital for Reproductive Development in Arabidopsis. <i>Plant Physiology</i> , 2019, 179, 640-655.	2.3	30
78	Pronounced Phenotypic Changes in Transgenic Tobacco Plants Overexpressing Sucrose Synthase May Reveal a Novel Sugar Signaling Pathway. <i>Frontiers in Plant Science</i> , 2015, 6, 1216.	1.7	29
79	<i>Arabidopsis</i> calcineurin B-like proteins differentially regulate phosphorylation activity of CBL-interacting protein kinase 9. <i>Biochemical Journal</i> , 2018, 475, 2621-2636.	1.7	29
80	The RING finger E3 ligases PIR1 and PIR2 mediate PP2CA degradation to enhance abscisic acid response in Arabidopsis. <i>Plant Journal</i> , 2019, 100, 473-486.	2.8	29
81	Vacuolar SPX-MFS transporters are essential for phosphate adaptation in plants. <i>Plant Signaling and Behavior</i> , 2016, 11, e1213474.	1.2	27
82	<i>OsGATA7</i> modulates brassinosteroids-mediated growth regulation and influences architecture and grain shape. <i>Plant Biotechnology Journal</i> , 2018, 16, 1261-1264.	4.1	26
83	Plant Membrane Transport Research in the Post-genomic Era. <i>Plant Communications</i> , 2020, 1, 100013.	3.6	26
84	Receptor kinase FERONIA regulates flowering time in Arabidopsis. <i>BMC Plant Biology</i> , 2020, 20, 26.	1.6	26
85	Golgi-localized cation/proton exchangers regulate ionic homeostasis and stomorphogenesis in Arabidopsis. <i>Plant, Cell and Environment</i> , 2019, 42, 673-687.	2.8	25
86	Danger-Associated Peptide Regulates Root Immune Responses and Root Growth by Affecting ROS Formation in Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4590.	1.8	24
87	AtPiezo Plays an Important Role in Root Cap Mechanotransduction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 467.	1.8	24
88	A Defective Vacuolar Proton Pump Enhances Aluminum Tolerance by Reducing Vacuole Sequestration of Organic Acids. <i>Plant Physiology</i> , 2019, 181, 743-761.	2.3	22
89	Nitrate transporter NRT1.1 and anion channel SLAH3 form a functional unit to regulate nitrate-dependent alleviation of ammonium toxicity. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 942-957.	4.1	22
90	Protein tyrosine phosphatases in higher plants. <i>New Phytologist</i> , 2001, 151, 155-164.	3.5	20

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91	Genetically encoded calcium indicators for fluorescence imaging in the moss <i>Physcomitrella patens</i> . <i>Plant Biotechnology Journal</i> , 2017, 15, 1235-1237.	4.1	20
92	Molecular identification of the magnesium transport gene family in <i>Brassica napus</i> . <i>Plant Physiology and Biochemistry</i> , 2019, 136, 204-214.	2.8	20
93	A Golgi-localized manganese transporter functions in pollen tube tip growth to control male fertility in <i>Arabidopsis</i> . <i>Plant Communications</i> , 2021, 2, 100178.	3.6	20
94	Vacuolar Phosphate Transporter 1 (VPT1) Affects Arsenate Tolerance by Regulating Phosphate Homeostasis in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , 2018, 59, 1345-1352.	1.5	18
95	A Thylakoid Membrane Protein Functions Synergistically with GUN5 in Chlorophyll Biosynthesis. <i>Plant Communications</i> , 2020, 1, 100094.	3.6	17
96	Constant change: dynamic regulation of membrane transport by calcium signalling networks keeps plants in tune with their environment. <i>Plant, Cell and Environment</i> , 2016, 39, 467-481.	2.8	16
97	Conserved mechanism for vacuolar magnesium sequestration in yeast and plant cells. <i>Nature Plants</i> , 2022, 8, 181-190.	4.7	16
98	Rice Na ⁺ -Permeable Transporter OsHAK12 Mediates Shoots Na ⁺ Exclusion in Response to Salt Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 771746.	1.7	16
99	Vacuolar Proton Pyrophosphatase Is Required for High Magnesium Tolerance in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 3617.	1.8	15
100	Two tonoplast proton pumps function in <i>Arabidopsis</i> embryo development. <i>New Phytologist</i> , 2020, 225, 1606-1617.	3.5	14
101	Rice Potassium Transporter OsHAK8 Mediates K ⁺ Uptake and Translocation in Response to Low K ⁺ Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 730002.	1.7	14
102	The Rice High-Affinity K ⁺ Transporter OsHKT2;4 Mediates Mg ²⁺ Homeostasis under High-Mg ²⁺ Conditions in Transgenic <i>Arabidopsis</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1823.	1.7	13
103	Four plasma membrane-localized MGR transporters mediate xylem Mg ²⁺ loading for root-to-shoot Mg ²⁺ translocation in <i>Arabidopsis</i> . <i>Molecular Plant</i> , 2022, 15, 805-819.	3.9	13
104	From Receptor-Like Kinases to Calcium Spikes: What Are the Missing Links?. <i>Molecular Plant</i> , 2014, 7, 1501-1504.	3.9	12
105	Recent Advances in Genome-wide Analyses of Plant Potassium Transporter Families. <i>Current Genomics</i> , 2021, 22, 164-180.	0.7	11
106	Genome-Wide Analysis of the Five Phosphate Transporter Families in <i>Camelina sativa</i> and Their Expressions in Response to Low-P. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8365.	1.8	10
107	Rhythms of magnesium. <i>Nature Plants</i> , 2020, 6, 742-743.	4.7	10
108	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> , 2020, 527, 735421.	1.7	9

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109	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> , 2020, 528, 735577.	1.7	9
110	AtFKBP53: a chimeric histone chaperone with functional nucleoplasmin and PPlase domains. <i>Nucleic Acids Research</i> , 2020, 48, 1531-1550.	6.5	8
111	Type A2 BTB Members Decrease the ABA Response during Seed Germination by Affecting the Stability of SnRK2.3 in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 3153.	1.8	8
112	Potential Networks of Nitrogen-Phosphorus-Potassium Channels and Transporters in <i>Arabidopsis</i> Roots at a Single Cell Resolution. <i>Frontiers in Plant Science</i> , 2021, 12, 689545.	1.7	8
113	An <i>Arabidopsis</i> vasculature distributed metal tolerance protein facilitates xylem magnesium diffusion to shoots under high-magnesium environments. <i>Journal of Integrative Plant Biology</i> , 2021, , .	4.1	8
114	Two magnesium transporters in the chloroplast inner envelope essential for thylakoid biogenesis in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2022, 236, 464-478.	3.5	8
115	Peptide signaling in plants: finding partners is the key. <i>Cell Research</i> , 2016, 26, 755-756.	5.7	7
116	Loss of mature D1 leads to compromised CP43 assembly in <i>Arabidopsis thaliana</i> . <i>BMC Plant Biology</i> , 2021, 21, 106.	1.6	6
117	<i>Arabidopsis</i> Seedling Lethal 1 Interacting With Plastid-Encoded RNA Polymerase Complex Proteins Is Essential for Chloroplast Development. <i>Frontiers in Plant Science</i> , 2020, 11, 602782.	1.7	6
118	The Shaker Type Potassium Channel, GORK, Regulates Abscisic Acid Signaling in <i>Arabidopsis</i> . <i>Plant Pathology Journal</i> , 2019, 35, 684-691.	0.7	6
119	A survey of the pyrabactin resistance-like abscisic acid receptor gene family in poplar. <i>Plant Signaling and Behavior</i> , 2017, 12, e1356966.	1.2	5
120	An ICln homolog contributes to osmotic and low-nitrate tolerance by enhancing nitrate accumulation in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2021, 44, 1580-1595.	2.8	5
121	Structural and functional analyses of the PPlase domain of <i>Arabidopsis thaliana</i> CYP71 reveal its catalytic activity toward histone H3. <i>FEBS Letters</i> , 2021, 595, 145-154.	1.3	4
122	Feed competition reduces heritable variation for body weight in <i>Litopenaeus vannamei</i> . <i>Genetics Selection Evolution</i> , 2020, 52, 45.	1.2	3
123	Choline transporter-like 1 (CTL1) positively regulates apical hook development in etiolated <i>Arabidopsis</i> seedlings. <i>Biochemical and Biophysical Research Communications</i> , 2020, 525, 491-497.	1.0	2
124	Evidence for the involvement of <i>AtPiezo</i> in mechanical responses. <i>Plant Signaling and Behavior</i> , 2021, 16, 1889252.	1.2	2
125	Paradigms and Networks for Intracellular Calcium Signaling in Plant Cells. , 0, , 163-188.		0
126	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> , 2020, 19, 923-930.	0.6	0

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127	Crystal packing reveals rapamycin-mediated homodimerization of an FK506-binding domain. International Journal of Biological Macromolecules, 2022, 206, 670-680.	3.6	0