Jia Li

List of Publications by Year
in descending order

85 papers	7,540 citations	94433 37 h-index	58581 82 g-index
86 all docs	86 docs citations	86 times ranked	6299 citing authors

#	Article	IF	Citations
1	A CLEâ€"BAMâ€"CIK signalling module controls root protophloem differentiation in Arabidopsis. New Phytologist, 2022, 233, 282-296.	7.3	27
2	Methods to Quantify Cell Division and Hormone Gradients During Root Tropisms. Methods in Molecular Biology, 2022, 2368, 71-80.	0.9	0
3	SERKs regulate embryonic cuticle integrity through the TWS1â€GSO1/2 signaling pathway in Arabidopsis. New Phytologist, 2022, 233, 313-328.	7.3	10
4	Essential roles of SERKs in the ROOT MERISTEM GROWTH FACTOR-mediated signaling pathway. Plant Physiology, 2022, 189, 165-177.	4.8	11
5	The photomorphogenic repressors BBX28 and BBX29 integrate light and brassinosteroid signaling to inhibit seedling development in Arabidopsis. Plant Cell, 2022, 34, 2266-2285.	6.6	17
6	Nitrate transporter NRT1.1 and anion channel SLAH3 form a functional unit to regulate nitrateâ€dependent alleviation of ammonium toxicity. Journal of Integrative Plant Biology, 2022, 64, 942-957.	8.5	22
7	Receptor-like cytoplasmic kinases PBL34/35/36 are required for CLE peptide-mediated signaling to maintain shoot apical meristem and root apical meristem homeostasis in Arabidopsis. Plant Cell, 2022, 34, 1289-1307.	6.6	15
8	SAUR15 interaction with BRI1 activates plasma membrane H+-ATPase to promote organ development of Arabidopsis. Plant Physiology, 2022, 189, 2454-2466.	4.8	14
9	Rapid responses: receptorâ€like kinases directly regulate the functions of membrane transport proteins in plants. Journal of Integrative Plant Biology, 2022, , .	8.5	2
10	<i>Arabidopsis</i> ROOT ELONGATION RECEPTOR KINASES negatively regulate root growth putatively via altering cell wall remodeling gene expression. Journal of Integrative Plant Biology, 2022, 64, 1502-1513.	8.5	5
11	RNA polymerase II associated proteins regulate stomatal development through direct interaction with stomatal transcription factors in <i>Arabidopsis thaliana</i>. New Phytologist, 2021, 230, 171-189.	7.3	7
12	Receptor-like Kinases in Root Development: Current Progress and Future Directions. Molecular Plant, 2021, 14, 166-185.	8.3	17
13	Perception of the pathogenâ€induced peptide RGF7 by the receptorâ€like kinases RGI4 and RGI5 triggers innate immunity in <i>Arabidopsis thaliana</i>. New Phytologist, 2021, 230, 1110-1125.	7.3	27
14	Kinase SnRK1.1 regulates nitrate channel SLAH3 engaged in nitrate-dependent alleviation of ammonium toxicity. Plant Physiology, 2021, 186, 731-749.	4.8	37
15	Protein farnesylation negatively regulates brassinosteroid signaling via reducing BES1 stability in <i>Arabidopsis thaliana</i>. Journal of Integrative Plant Biology, 2021, 63, 1353-1366.	8.5	7
16	Genome-wide expression and network analyses of mutants in key brassinosteroid signaling genes. BMC Genomics, 2021, 22, 465.	2.8	4
17	Conserved and differentiated functions of CIK receptor kinases in modulating stem cell signaling in Arabidopsis. Molecular Plant, 2021, 14, 1119-1134.	8.3	18
18	AtPiezo Plays an Important Role in Root Cap Mechanotransduction. International Journal of Molecular Sciences, 2021, 22, 467.	4.1	24

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19	Integration of Light and Brassinosteroid Signaling during Seedling Establishment. International Journal of Molecular Sciences, 2021, 22, 12971.	4.1	11
20	Evolution of RGF/GLV/CLEL Peptide Hormones and Their Roles in Land Plant Growth and Regulation. International Journal of Molecular Sciences, 2021, 22, 13372.	4.1	1
21	RGF1-RGI1, a Peptide-Receptor Complex, Regulates Arabidopsis Root Meristem Development via a MAPK Signaling Cascade. Molecular Plant, 2020, 13, 1594-1607.	8.3	47
22	Regulation of Brassinosteroid Homeostasis in Higher Plants. Frontiers in Plant Science, 2020, 11, 583622.	3.6	40
23	Loss of the common immune coreceptor BAK1 leads to NLR-dependent cell death. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27044-27053.	7.1	63
24	Paired Receptor and Coreceptor Kinases Perceive Extracellular Signals to Control Plant Development. Plant Physiology, 2020, 182, 1667-1681.	4.8	47
25	SAUR15 Promotes Lateral and Adventitious Root Development via Activating H⁺-ATPases and Auxin Biosynthesis. Plant Physiology, 2020, 184, 837-851.	4.8	33
26	SERKs. Current Biology, 2020, 30, R293-R294.	3.9	14
27	Two receptorâ€like protein kinases, MUSTACHES and MUSTACHESâ€LIKE, regulate lateral root development in <i>Arabidopsis thaliana</i>. New Phytologist, 2020, 227, 1157-1173.	7.3	27
28	Molecular Mechanisms of Brassinosteroid-Mediated Responses to Changing Environments in Arabidopsis. International Journal of Molecular Sciences, 2020, 21, 2737.	4.1	36
29	Asymmetric distribution of cytokinins determines root hydrotropism in Arabidopsis thaliana. Cell Research, 2019, 29, 984-993.	12.0	61
30	BES1 is activated by EMS1-TPD1-SERK1/2-mediated signaling to control tapetum development in Arabidopsis thaliana. Nature Communications, 2019, 10, 4164.	12.8	97
31	SERK Receptor-like Kinases Control Division Patterns of Vascular Precursors and Ground Tissue Stem Cells during Embryo Development in Arabidopsis. Molecular Plant, 2019, 12, 984-1002.	8.3	26
32	TCP Transcription Factors Associate with PHYTOCHROME INTERACTING FACTOR 4 and CRYPTOCHROME 1 to Regulate Thermomorphogenesis in Arabidopsis thaliana. IScience, 2019, 15, 600-610.	4.1	81
33	Multiple transcriptional factors control stomata development in rice. New Phytologist, 2019, 223, 220-232.	7.3	97
34	Regulation of the stability of RGF1 receptor by the ubiquitin-specific proteases UBP12/UBP13 is critical for root meristem maintenance. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1123-1128.	7.1	67
35	TCP Transcription Factors Regulate Shade Avoidance via Directly Mediating the Expression of Both <i>PHYTOCHROME INTERACTING FACTOR</i>s and Auxin Biosynthetic Genes. Plant Physiology, 2018, 176, 1850-1861.	4.8	65
36	A group of receptor kinases are essential for CLAVATA signalling to maintain stem cell homeostasis. Nature Plants, 2018, 4, 205-211.	9.3	135

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37	Thermal-Enhanced bri1-301 Instability Reveals a Plasma Membrane Protein Quality Control System in Plants. Frontiers in Plant Science, 2018, 9, 1620.	3.6	6
38	CIK Receptor Kinases Determine Cell Fate Specification during Early Anther Development in Arabidopsis. Plant Cell, 2018, 30, 2383-2401.	6.6	79
39	Cell signaling leads the way. Journal of Integrative Plant Biology, 2018, 60, 743-744.	8.5	2
40	Receptorâ€like protein kinases: Key regulators controlling root hair development in <i>Arabidopsis thaliana</i>. Journal of Integrative Plant Biology, 2018, 60, 841-850.	8.5	29
41	Brassinosteroid Biosynthesis Is Modulated via a Transcription Factor Cascade of COG1, PIF4, and PIF5. Plant Physiology, 2017, 174, 1260-1273.	4.8	55
42	Three divergent approaches identified the same RGF1 receptors in Arabidopsis thaliana. Science China Life Sciences, 2017, 60, 1040-1043.	4.9	2
43	Scanning for New BRI1 Mutations via TILLING Analysis. Plant Physiology, 2017, 174, 1881-1896.	4.8	25
44	Functional characterisation of brassinosteroid receptor MtBRI1 in Medicago truncatula. Scientific Reports, 2017, 7, 9327.	3.3	34
45	Both Light-Induced SA Accumulation and ETI Mediators Contribute to the Cell Death Regulated by BAK1 and BKK1. Frontiers in Plant Science, 2017, 8, 622.	3.6	31
46	Brassinosteroids. , 2017, , 291-326.		8
47	Nucleocytoplasmic trafficking is essential for <scp>BAK</scp>1â€•and <scp>BKK</scp>1â€mediated cellâ€death control. Plant Journal, 2016, 85, 520-531.	5.7	45
48	RGF1 INSENSITIVE 1 to 5, a group of LRR receptor-like kinases, are essential for the perception of root meristem growth factor 1 in Arabidopsis thaliana. Cell Research, 2016, 26, 686-698.	12.0	144
49	Cis-Regulatory Elements Determine Germline Specificity and Expression Level of an Isopentenyltransferase Gene in Sperm Cells of Arabidopsis. Plant Physiology, 2016, 170, 1524-1534.	4.8	7
50	TWISTED DWARF 1 Associates with BRASSINOSTEROID-INSENSITIVE 1 to Regulate Early Events of the Brassinosteroid Signaling Pathway. Molecular Plant, 2016, 9, 582-592.	8.3	36
51	Brassinosteroids Regulate Root Growth, Development, and Symbiosis. Molecular Plant, 2016, 9, 86-100.	8.3	218
52	NRPB3, the third largest subunit of RNA polymerase II, is essential for stomatal patterning and differentiation in<i>Arabidopsis</i>. Development (Cambridge), 2016, 143, 1600-11.	2.5	20
53	Genome-Wide Expression Pattern Analyses of the Arabidopsis Leucine-Rich Repeat Receptor-Like Kinases. Molecular Plant, 2016, 9, 289-300.	8.3	125
54	TOPP4 Regulates the Stability of PHYTOCHROME INTERACTING FACTOR5 during Photomorphogenesis in Arabidopsis. Plant Physiology, 2016, 170, 1381-1397.	4.8	44

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55	Somatic embryogenesis receptor-like kinase 5 in the ecotype Landsberg erecta of Arabidopsis is a functional RD LRR-RLK in regulating brassinosteroid signaling and cell death control. Frontiers in Plant Science, 2015, 6, 852.	3.6	40
56	TYPE-ONE PROTEIN PHOSPHATASE4 Regulates Pavement Cell Interdigitation by Modulating PIN-FORMED1 Polarity and Trafficking in Arabidopsis. Plant Physiology, 2015, 167, 1058-1075.	4.8	48
57	TCP1 Modulates DWF4 Expression via Directly Interacting with the GGNCCC Motifs in the Promoter Region of DWF4 in Arabidopsis thaliana. Journal of Genetics and Genomics, 2015, 42, 383-392.	3.9	46
58	Accelerated rates of protein evolution in barley grain and pistil biased genes might be legacy of domestication. Plant Molecular Biology, 2015, 89, 253-261.	3.9	6
59	Arabidopsis DELLA Protein Degradation Is Controlled by a Type-One Protein Phosphatase, TOPP4. PLoS Genetics, 2014, 10, e1004464.	3.5	67
60	<scp><i>PAG1</i></scp>, a cotton brassinosteroid catabolism gene, modulates fiber elongation. New Phytologist, 2014, 203, 437-448.	7.3	170
61	<scp>BAK</scp>1 Directly Regulates Brassinosteroid Perception and <scp>BRI</scp>1 Activation. Journal of Integrative Plant Biology, 2013, 55, 1264-1270.	8.5	41
62	Receptorâ€Like Kinases: Key Regulators of Plant Development and Defense. Journal of Integrative Plant Biology, 2013, 55, 1184-1187.	8.5	42
63	Sterols are required for cellâ€fate commitment and maintenance of the stomatal lineage in <scp>A</scp>rabidopsis. Plant Journal, 2013, 74, 1029-1044.	5.7	35
64	Genetic Evidence for an Indispensable Role of Somatic Embryogenesis Receptor Kinases in Brassinosteroid Signaling. PLoS Genetics, 2012, 8, e1002452.	3.5	243
65	Cell-Death Control by Receptor Kinases in Arabidopsis thaliana. Signaling and Communication in Plants, 2012, , 79-91.	0.7	1
66	Regulation of Brassinosteroid Biosynthesis and Inactivation^F. Journal of Integrative Plant Biology, 2012, 54, 746-759.	8.5	153
67	Overexpression of a serine carboxypeptidase increases carpel number and seed production in <i><scp>A</scp>rabidopsis thaliana</i>. Food and Energy Security, 2012, 1, 61-69.	4.3	17
68	Somatic Embryogenesis Receptor Kinases Control Root Development Mainly via Brassinosteroidâ€Independent Actions in <i>Arabidopsis thaliana</i>. Journal of Integrative Plant Biology, 2012, 54, 388-399.	8.5	63
69	Activation Tagging. Methods in Molecular Biology, 2011, 876, 117-133.	0.9	11
70	TCP1 positively regulates the expression of<i>DWF4</i>in<i>Arabidopsis thaliana</i>. Plant Signaling and Behavior, 2011, 6, 1117-1118.	2.4	19
71	BAK1 and BKK1 in Arabidopsis thaliana confer reduced susceptibility to turnip crinkle virus. European Journal of Plant Pathology, 2010, 127, 149-156.	1.7	50
72	Multi-tasking of somatic embryogenesis receptor-like protein kinases. Current Opinion in Plant Biology, 2010, 13, 509-514.	7.1	116

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73	Genome-wide cloning and sequence analysis of leucine-rich repeat receptor-like protein kinase genes in Arabidopsis thaliana. BMC Genomics, 2010, 11, 19.	2.8	196
74	TCP1 Modulates Brassinosteroid Biosynthesis by Regulating the Expression of the Key Biosynthetic Gene<i>DWARF4</i>in<i>Arabidopsis thaliana</i>Â Â. Plant Cell, 2010, 22, 1161-1173.	6.6	178
75	Engineering <i>OsBAK1</i> gene as a molecular tool to improve rice architecture for high yield. Plant Biotechnology Journal, 2009, 7, 791-806.	8.3	176
76	Sequential Transphosphorylation of the BRI1/BAK1 Receptor Kinase Complex Impacts Early Events in Brassinosteroid Signaling. Developmental Cell, 2008, 15, 220-235.	7.0	485
77	Receptor-like protein kinases, BAK1 and BKK1, regulate a light-dependent cell-death control pathway. Plant Signaling and Behavior, 2008, 3, 813-815.	2.4	24
78	The receptor-like kinase SERK3/BAK1 is a central regulator of innate immunity in plants. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12217-12222.	7.1	998
79	BEN1, a gene encoding a dihydroflavonol 4-reductase (DFR)-like protein, regulates the levels of brassinosteroids inArabidopsis thaliana. Plant Journal, 2007, 51, 220-233.	5.7	87
80	BAK1 and BKK1 Regulate Brassinosteroid-Dependent Growth and Brassinosteroid-Independent Cell-Death Pathways. Current Biology, 2007, 17, 1109-1115.	3.9	378
81	Activation of the WUS Gene Induces Ectopic Initiation of Floral Meristems on Mature Stem Surface in Arabidopsis thaliana. Plant Molecular Biology, 2005, 58, 915-915.	3.9	3
82	Identification and Functional Analysis of in Vivo Phosphorylation Sites of the Arabidopsis BRASSINOSTEROID-INSENSITIVE1 Receptor Kinase. Plant Cell, 2005, 17, 1685-1703.	6.6	364
83	BRL1, a leucineâ€rich repeat receptorâ€like protein kinase, is functionally redundant with BRI1 in regulating Arabidopsis brassinosteroid signaling. Plant Journal, 2004, 40, 399-409.	5.7	126
84	BAK1, an Arabidopsis LRR Receptor-like Protein Kinase, Interacts with BRI1 and Modulates Brassinosteroid Signaling. Cell, 2002, 110, 213-222.	28.9	1,231
85	Functional Analysis and Phosphorylation Site Mapping of Leucine-Rich Repeat Receptor-Like Kinases. , 0, , 469-483.		4