Jialong Li

List of Publications by Year in descending order

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70 papers	7,348 citations	61984 43 h-index	91884 69 g-index
71 all docs	71 docs citations	71 times ranked	8512 citing authors

#	Article	IF	Citations
1	The MYB Transcription Factor Superfamily of Arabidopsis: Expression Analysis and Phylogenetic Comparison with the Rice MYB Family. Plant Molecular Biology, 2006, 60, 107-124.	3.9	811
2	Plant hormone jasmonate prioritizes defense over growth by interfering with gibberellin signaling cascade. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1192-200.	7.1	697
3	Phytochrome Signaling Mechanisms. The Arabidopsis Book, 2011, 9, e0148.	0.5	336
4	Genome-Wide Analysis of DNA Methylation and Gene Expression Changes in Two Arabidopsis Ecotypes and Their Reciprocal Hybrids. Plant Cell, 2012, 24, 875-892.	6.6	297
5	Degradation of the ABA co-receptor ABI1 by PUB12/13 U-box E3 ligases. Nature Communications, 2015, 6, 8630.	12.8	256
6	Coordinated transcriptional regulation underlying the circadian clock in Arabidopsis. Nature Cell Biology, 2011, 13, 616-622.	10.3	245
7	DWA1 and DWA2, Two Arabidopsis DWD Protein Components of CUL4-Based E3 Ligases, Act Together as Negative Regulators in ABA Signal Transduction Â. Plant Cell, 2010, 22, 1716-1732.	6.6	230
8	PIF3 is a negative regulator of the CBF pathway and freezing tolerance in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6695-E6702.	7.1	215
9	BBX21, an Arabidopsis B-box protein, directly activates HY5 and is targeted by COP1 for 26S proteasome-mediated degradation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7655-7660.	7.1	204
10	A Molecular Framework of Light-Controlled Phytohormone Action in Arabidopsis. Current Biology, 2012, 22, 1530-1535.	3.9	194
11	Arabidopsis CULLIN4-Damaged DNA Binding Protein 1 Interacts with CONSTITUTIVELY PHOTOMORPHOGENIC1-SUPPRESSOR OF PHYA Complexes to Regulate Photomorphogenesis and Flowering Time Â. Plant Cell, 2010, 22, 108-123.	6.6	182
12	Arabidopsis Transcription Factor ELONGATED HYPOCOTYL5 Plays a Role in the Feedback Regulation of Phytochrome A Signaling Â. Plant Cell, 2010, 22, 3634-3649.	6.6	165
13	MicroRNA408 Is Critical for the HY5-SPL7 Gene Network That Mediates the Coordinated Response to Light and Copper Â. Plant Cell, 2015, 26, 4933-4953.	6.6	164
14	Convergence of Light and ABA Signaling on the ABI5 Promoter. PLoS Genetics, 2014, 10, e1004197.	3.5	163
15	Arabidopsis FHY3 and HY5 Positively Mediate Induction of COP1 Transcription in Response to Photomorphogenic UV-B Light. Plant Cell, 2012, 24, 4590-4606.	6.6	157
16	<scp>ABRE</scp>â€<scp>BINDING FACTORS</scp> play a role in the feedback regulation of <scp>ABA</scp> signaling by mediating rapid <scp>ABA</scp> induction of <scp>ABA</scp> coâ€receptor genes. New Phytologist, 2019, 221, 341-355.	7.3	151
17	Global identification of miRNAs and targets in Populus euphratica under salt stress. Plant Molecular Biology, 2013, 81, 525-539.	3.9	138
18	Cold-Induced CBFâ€“PIF3 Interaction Enhances Freezing Tolerance by Stabilizing the phyB Thermosensor in Arabidopsis. Molecular Plant, 2020, 13, 894-906.	8.3	128

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19	Rare earth elements activate endocytosis in plant cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12936-12941.	7.1	120
20	Genome-Wide Binding Site Analysis of FAR-RED ELONGATED HYPOCOTYL3 Reveals Its Novel Function in Arabidopsis Development. Plant Cell, 2011, 23, 2514-2535.	6.6	118
21	Conservation and divergence of transcriptomic and epigenomic variation in maize hybrids. Genome Biology, 2013, 14, R57.	8.8	117
22	A subgroup of MYB transcription factor genes undergoes highly conserved alternative splicing in Arabidopsis and rice. Journal of Experimental Botany, 2006, 57, 1263-1273.	4.8	112
23	EAR1 Negatively Regulates ABA Signaling by Enhancing 2C Protein Phosphatase Activity. Plant Cell, 2018, 30, 815-834.	6.6	111
24	Arabidopsis COP1/SPA1 Complex and FHY1/FHY3 Associate with Distinct Phosphorylated Forms of Phytochrome A in Balancing Light Signaling. Molecular Cell, 2008, 31, 607-613.	9.7	104
25	The Transcription Factor MYB59 Regulates K⁺/NO₃^{â^'} Translocation in the Arabidopsis Response to Low K⁺ Stress. Plant Cell, 2019, 31, 699-714.	6.6	100
26	Salicylic acid biosynthesis is enhanced and contributes to increased biotrophic pathogen resistance in Arabidopsis hybrids. Nature Communications, 2015, 6, 7309.	12.8	93
27	A nonâ€tandem <scp>CCCH</scp>â€type zincâ€finger protein, IbC3H18, functions as a nuclear transcriptional activator and enhances abiotic stress tolerance in sweet potato. New Phytologist, 2019, 223, 1918-1936.	7.3	89
28	SEUSS and PIF4 Coordinately Regulate Light and Temperature Signaling Pathways to Control Plant Growth. Molecular Plant, 2018, 11, 928-942.	8.3	82
29	TRANSLUCENT GREEN, an ERF Family Transcription Factor, Controls Water Balance in Arabidopsis by Activating the Expression of Aquaporin Genes. Molecular Plant, 2014, 7, 601-615.	8.3	79
30	Genomic basis for light control of plant development. Protein and Cell, 2012, 3, 106-116.	11.0	78
31	Over-expression of a flower-specific transcription factor gene AtMYB24 causes aberrant anther development. Plant Cell Reports, 2007, 26, 219-228.	5.6	76
32	PHYTOCHROME-INTERACTING FACTORS Interact with the ABA Receptors PYL8 and PYL9 to Orchestrate ABA Signaling in Darkness. Molecular Plant, 2020, 13, 414-430.	8.3	69
33	Phytochrome A Mediates Rapid Red Lightâ€"Induced Phosphorylation ofArabidopsisFAR-RED ELONGATED HYPOCOTYL1 in a Low Fluence Response Â. Plant Cell, 2009, 21, 494-506.	6.6	67
34	MYB30 Is a Key Negative Regulator of Arabidopsis Photomorphogenic Development That Promotes PIF4 and PIF5 Protein Accumulation in the Light. Plant Cell, 2020, 32, 2196-2215.	6.6	67
35	COP9 signalosome: Discovery, conservation, activity, and function. Journal of Integrative Plant Biology, 2020, 62, 90-103.	8.5	66
36	IbBBX24 Promotes the Jasmonic Acid Pathway and Enhances Fusarium Wilt Resistance in Sweet Potato. Plant Cell, 2020, 32, 1102-1123.	6.6	65

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37	UV-B-induced photomorphogenesis in Arabidopsis. Protein and Cell, 2013, 4, 485-492.	11.0	61
38	The COP9 Signalosome regulates seed germination by facilitating protein degradation of RGL2 and ABI5. PLoS Genetics, 2018, 14, e1007237.	3.5	55
39	Obtaining and analysis of flanking sequences from T-DNA transformants of Arabidopsis. Plant Science, 2003, 165, 941-949.	3.6	54
40	Arabinogalactan proteinâ€“rare earth element complexes activate plant endocytosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14349-14357.	7.1	52
41	TANDEM ZINC-FINGER/PLUS3 Is a Key Component of Phytochrome A Signaling. Plant Cell, 2018, 30, 835-852.	6.6	49
42	The cold response regulator CBF1 promotes Arabidopsis hypocotyl growth at ambient temperatures. EMBO Journal, 2020, 39, e103630.	7.8	49
43	The CRY2â€“COP1â€“HY5â€“BBX7/8 module regulates blue light-dependent cold acclimation in Arabidopsis. Plant Cell, 2021, 33, 3555-3573.	6.6	49
44	Two groups of MYB transcription factors share a motif which enhances trans-activation activity. Biochemical and Biophysical Research Communications, 2006, 341, 1155-1163.	2.1	44
45	Light sensing by opsins and fungal ecology: NOPâ€1 modulates entry into sexual reproduction in response to environmental cues. Molecular Ecology, 2018, 27, 216-232.	3.9	43
46	COP1 mediates dark-specific degradation of microtubule-associated protein WDL3 in regulating Arabidopsis hypocotyl elongation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12321-12326.	7.1	42
47	The RING-Finger E3 Ubiquitin Ligase COP1 SUPPRESSOR1 Negatively Regulates COP1 Abundance in Maintaining COP1 Homeostasis in Dark-Grown Arabidopsis Seedlings Â Â. Plant Cell, 2014, 26, 1981-1991.	6.6	41
48	Phosphorylation of FAR-RED ELONGATED HYPOCOTYL1 Is a Key Mechanism Defining Signaling Dynamics of Phytochrome A under Red and Far-Red Light in Arabidopsis. Plant Cell, 2012, 24, 1907-1920.	6.6	38
49	The Fast-Evolving phy-2 Gene Modulates Sexual Development in Response to Light in the Model Fungus Neurospora crassa. MBio, 2016, 7, e02148.	4.1	37
50	CsTFL1 inhibits determinate growth and terminal flower formation through interaction with CsNOT2a in cucumber (Cucumis sativusL.). Development (Cambridge), 2019, 146, .	2.5	37
51	The UBC27â€“AIRP3 ubiquitination complex modulates ABA signaling by promoting the degradation of ABI1 in Arabidopsis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27694-27702.	7.1	36
52	The CDC48 complex mediates ubiquitin-dependent degradation of intra-chloroplast proteins in plants. Cell Reports, 2022, 39, 110664.	6.4	34
53	Arabidopsis MKK10-MPK6 mediates red-light-regulated opening of seedling cotyledons through phosphorylation of PIF3. Journal of Experimental Botany, 2018, 69, 423-439.	4.8	31
54	Abscisic acid. , 2017, , 161-202.		26

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55	Integration of light and temperature signaling pathways in plants. Journal of Integrative Plant Biology, 2022, 64, 393-411.	8.5	25
56	Arabidopsis small ubiquitinâ€related modifier protease ASP1 positively regulates abscisic acid signaling during early seedling development. Journal of Integrative Plant Biology, 2018, 60, 924-937.	8.5	24
57	Abnormal pinocytosis and valence-variable behaviors of cerium suggested a cellular mechanism for plant yield reduction induced by environmental cerium. Environmental Pollution, 2017, 230, 902-910.	7.5	23
58	Hinge region of Arabidopsis phyA plays an important role in regulating phyA function. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11864-E11873.	7.1	22
59	SEED CAROTENOID DEFICIENT Functions in Isoprenoid Biosynthesis via the Plastid MEP Pathway. Plant Physiology, 2019, 179, 1723-1738.	4.8	18
60	FHY3 interacts with phytochrome B and regulates seed dormancy and germination. Plant Physiology, 2021, 187, 289-302.	4.8	17
61	COP1 positively regulates ABA signaling during Arabidopsis seedling growth in darkness by mediating ABA-induced ABI5 accumulation. Plant Cell, 2022, 34, 2286-2308.	6.6	17
62	Reversible SUMOylation of FHY1 Regulates Phytochrome A Signaling in Arabidopsis. Molecular Plant, 2020, 13, 879-893.	8.3	14
63	Mutual upregulation of HY5 and TZP in mediating phytochrome A signaling. Plant Cell, 2022, 34, 633-654.	6.6	13
64	Is the Pr form of phytochrome biologically active in the nucleus?. Molecular Plant, 2021, 14, 535-537.	8.3	11
65	A LexA-based yeast two-hybrid system for studying light-switchable interactions of phytochromes with their interacting partners. ABIOTECH, 2021, 2, 105-116.	3.9	8
66	Chloroplast-Localized Protoporphyrinogen IX Oxidase1 Is Involved in the Mitotic Cell Cycle in Arabidopsis. Plant and Cell Physiology, 2019, 60, 2436-2448.	3.1	7
67	SCAB3 Is Required for Reorganization of Actin Filaments during Light Quality Changes. Journal of Genetics and Genomics, 2015, 42, 161-168.	3.9	5
68	TIME FOR COFFEE regulates phytochrome A-mediated hypocotyl growth through dawn-phased signaling. Plant Cell, 2022, 34, 2907-2924.	6.6	4
69	SICKLE represses photomorphogenic development of Arabidopsis seedlings via HY5â€and PIF4â€mediated signaling. Journal of Integrative Plant Biology, 2022, 64, 1706-1723.	8.5	4
70	Assays to Detect In Vivo Association of with Their Interacting Partners. Methods in Molecular Biology, 2021, 2297, 75-82.	0.9	0