Chuanyou Li

List of Publications by Citations

62	5,339	35	67
papers	citations	h-index	g-index
67	6,974	10.2	5.39
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
62	Genomic analyses provide insights into the history of tomato breeding. *Nature Genetics*, **2014**, 46, 1220-6	36.3	490
61	Distinct roles for jasmonate synthesis and action in the systemic wound response of tomato. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 6416-21	11.5	321
60	PIF4-mediated activation of YUCCA8 expression integrates temperature into the auxin pathway in regulating arabidopsis hypocotyl growth. *PLoS Genetics*, **2012**, 8, e1002594	6	316
59	The basic helix-loop-helix transcription factor MYC2 directly represses PLETHORA expression during jasmonate-mediated modulation of the root stem cell niche in Arabidopsis. *Plant Cell*, **2011**, 23, 3335-52	11.6	283
58	Arabidopsis ASA1 is important for jasmonate-mediated regulation of auxin biosynthesis and transport during lateral root formation. *Plant Cell*, **2009**, 21, 1495-511	11.6	253
57	Role of beta-oxidation in jasmonate biosynthesis and systemic wound signaling in tomato. *Plant Cell*, **2005**, 17, 971-86	11.6	239
56	The Arabidopsis mediator subunit MED25 differentially regulates jasmonate and abscisic acid signaling through interacting with the MYC2 and ABI5 transcription factors. *Plant Cell*, **2012**, 24, 2898-916	11.6	237
55	Interaction between MYC2 and ETHYLENE INSENSITIVE3 modulates antagonism between jasmonate and ethylene signaling in Arabidopsis. *Plant Cell*, **2014**, 26, 263-79	11.6	230
54	The tomato suppressor of prosystemin-mediated responses2 gene encodes a fatty acid desaturase required for the biosynthesis of jasmonic acid and the production of a systemic wound signal for defense gene expression. *Plant Cell*, **2003**, 15, 1646-61	11.6	209
53	Resistance of cultivated tomato to cell content-feeding herbivores is regulated by the octadecanoid-signaling pathway. *Plant Physiology*, **2002**, 130, 494-503	6.6	192
52	Mutation of the rice Narrow leaf1 gene, which encodes a novel protein, affects vein patterning and polar auxin transport. *Plant Physiology*, **2008**, 147, 1947-59	6.6	168
51	Rice zinc finger protein DST enhances grain production through controlling Gn1a/OsCKX2 expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 3167-72	11.5	167
50	Phosphorylation-coupled proteolysis of the transcription factor MYC2 is important for jasmonate-signaled plant immunity. *PLoS Genetics*, **2013**, 9, e1003422	6	134
49	MYC2 Orchestrates a Hierarchical Transcriptional Cascade That Regulates Jasmonate-Mediated Plant Immunity in Tomato. *Plant Cell*, **2017**, 29, 1883-1906	11.6	129
48	Transcriptional Mechanism of Jasmonate Receptor COI1-Mediated Delay of Flowering Time in Arabidopsis. *Plant Cell*, **2015**, 27, 2814-28	11.6	127
47	A Jasmonate Signaling Network Activates Root Stem Cells and Promotes Regeneration. *Cell*, **2019**, 177, 942-956.e14	56.2	124
46	Arabidopsis Tyrosylprotein sulfotransferase acts in the auxin/PLETHORA pathway in regulating postembryonic maintenance of the root stem cell niche. *Plant Cell*, **2010**, 22, 3692-709	11.6	124

45	Clathrin light chains regulate clathrin-mediated trafficking, auxin signaling, and development in Arabidopsis. *Plant Cell*, **2013**, 25, 499-516	11.6	113
44	Role of tomato lipoxygenase D in wound-induced jasmonate biosynthesis and plant immunity to insect herbivores. *PLoS Genetics*, **2013**, 9, e1003964	6	113
43	Closely related NAC transcription factors of tomato differentially regulate stomatal closure and reopening during pathogen attack. *Plant Cell*, **2014**, 26, 3167-84	11.6	107
42	Brassinosteroids regulate root growth by controlling reactive oxygen species homeostasis and dual effect on ethylene synthesis in Arabidopsis. *PLoS Genetics*, **2018**, 14, e1007144	6	98
41	PIF4 and PIF5 transcription factors link blue light and auxin to regulate the phototropic response in Arabidopsis. *Plant Cell*, **2013**, 25, 2102-14	11.6	94
40	Jasmonate modulates endocytosis and plasma membrane accumulation of the Arabidopsis PIN2 protein. *New Phytologist*, **2011**, 191, 360-375	9.8	94
39	Mediator subunit MED25 links the jasmonate receptor to transcriptionally active chromatin. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E8930-E8939	11.5	92
38	MYC2 Regulates the Termination of Jasmonate Signaling via an Autoregulatory Negative Feedback Loop. *Plant Cell*, **2019**, 31, 106-127	11.6	80
37	Plastid-localized glutathione reductase2-regulated glutathione redox status is essential for Arabidopsis root apical meristem maintenance. *Plant Cell*, **2013**, 25, 4451-68	11.6	79
36	Arabidopsis thaliana plants differentially modulate auxin biosynthesis and transport during defense responses to the necrotrophic pathogen Alternaria brassicicola. *New Phytologist*, **2012**, 195, 872-882	9.8	72
35	An Arabidopsis Plasma Membrane Proton ATPase Modulates JA Signaling and Is Exploited by the Pseudomonas syringae Effector Protein AvrB for Stomatal Invasion. *Plant Cell*, **2015**, 27, 2032-41	11.6	56
34	Auxin-dependent compositional change in Mediator in ARF7- and ARF19-mediated transcription. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 6562-7	11.5	53
33	Efficient generation of pink-fruited tomatoes using CRISPR/Cas9 system. *Journal of Genetics and Genomics*, **2018**, 45, 51-54	4	53
32	A Transcriptional Network Promotes Anthocyanin Biosynthesis in Tomato Flesh. *Molecular Plant*, **2020**, 13, 42-58	14.4	50
31	Airborne host-plant manipulation by whiteflies via an inducible blend of plant volatiles. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7387-7396	11.5	49
30	MED25 connects enhancer-promoter looping and MYC2-dependent activation of jasmonate signalling. *Nature Plants*, **2019**, 5, 616-625	11.5	45
29	A coherent transcriptional feed-forward motif model for mediating auxin-sensitive PIN3 expression during lateral root development. *Nature Communications*, **2015**, 6, 8821	17.4	45
28	Differential Regulation of Clathrin and Its Adaptor Proteins during Membrane Recruitment for Endocytosis. *Plant Physiology*, **2016**, 171, 215-29	6.6	43

27	The plant Mediator complex and its role in jasmonate signaling. *Journal of Experimental Botany*, **2019**, 70, 3415-3424	7	28
26	LEUNIG_HOMOLOG Mediates MYC2-Dependent Transcriptional Activation in Cooperation with the Coactivators HAC1 and MED25. *Plant Cell*, **2019**, 31, 2187-2205	11.6	23
25	Mediator Subunit MED25 Couples Alternative Splicing of Genes with Fine-Tuning of Jasmonate Signaling. *Plant Cell*, **2020**, 32, 429-448	11.6	22
24	UBIQUITIN-SPECIFIC PROTEASE14 Interacts with ULTRAVIOLET-B INSENSITIVE4 to Regulate Endoreduplication and Cell and Organ Growth in Arabidopsis. *Plant Cell*, **2016**, 28, 1200-14	11.6	21
23	A biotechnology-based male-sterility system for hybrid seed production in tomato. *Plant Journal*, **2020**, 102, 1090-1100	6.9	18
22	Mediator subunit MED31 is required for radial patterning of roots. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5624-E5633	11.5	17
21	Mediator subunit MED25: at the nexus of jasmonate signaling. *Current Opinion in Plant Biology*, **2020**, 57, 78-86	9.9	13
20	Hormone function in plants **2017**, 1-38		12
19	BIG regulates stomatal immunity and jasmonate production in Arabidopsis. *New Phytologist*, **2019**, 222, 335-348	9.8	12
18	The Arabidopsis Nodulin Homeobox Factor AtNDX Interacts with AtRING1A/B and Negatively Regulates Abscisic Acid Signaling. *Plant Cell*, **2020**, 32, 703-721	11.6	9
17	Oryza sativa mediator subunit OsMED25 interacts with OsBZR1 to regulate brassinosteroid signaling and plant architecture in rice. *Journal of Integrative Plant Biology*, **2020**, 62, 793-811	8.3	9
16	Jasmonates **2017**, 243-272		9
15	Mediator Subunit MED25 Physically Interacts with PHYTOCHROME INTERACTING FACTOR4 to Regulate Shade-Induced Hypocotyl Elongation in Tomato. *Plant Physiology*, **2020**, 184, 1549-1562	6.6	8
14	Mediator tail module subunits MED16 and MED25 differentially regulate abscisic acid signaling in Arabidopsis. *Journal of Integrative Plant Biology*, **2021**, 63, 802-815	8.3	8
13	Conserved function of mediator in regulating nuclear hormone receptor activation between plants and animals. *Plant Signaling and Behavior*, **2018**, 13, e1403709	2.5	8
12	Elongator Is Required for Root Stem Cell Maintenance by Regulating Transcription. *Plant Physiology* , **2019**, 179, 220-232	6.6	7
11	Rapid breeding of pink-fruited tomato hybrids using the CRISPR/Cas9 system. *Journal of Genetics and Genomics*, **2019**, 46, 505-508	4	7
10	Coordinated cytokinin signaling and auxin biosynthesis mediates arsenate-induced root growth inhibition. *Plant Physiology*, **2021**, 185, 1166-1181	6.6	7

List of Publications

9	Overexpression of FBR41 enhances resistance to sphinganine analog mycotoxin-induced cell death and Alternaria stem canker in tomato. *Plant Biotechnology Journal*, **2020**, 18, 141-154	11.6	6
8	SEUSS integrates transcriptional and epigenetic control of root stem cell organizer specification. *EMBO Journal*, **2020**, 39, e105047	13	5
7	Identification of Genes Involved in Root Growth Inhibition Under Lead Stress by Transcriptome Profiling in Arabidopsis. *Plant Molecular Biology Reporter*, **2021**, 39, 50-59	1.7	3
6	SlBES1 promotes tomato fruit softening through transcriptional inhibition of. *IScience*, **2021**, 24, 102926	6.1	3
5	Biphasic control of cell expansion by auxin coordinates etiolated seedling development.. *Science Advances*, **2022**, 8, eabj1570	14.3	1
4	and in-planta Inoculation Assays for Tomato. *Bio-protocol*, **2018**, 8, e2810	0.9	1
3	Biphasic Control of Cell Expansion by Auxin Coordinates Etiolated Seedling Development		1
2	Stemphylium lycopersici Nep1-like Protein (NLP) Is a Key Virulence Factor in Tomato Gray Leaf Spot Disease. *Journal of Fungi (Basel, Switzerland)*, **2022**, 8, 518	5.6	0
1	Insect Feeding Assays with on. *Bio-protocol*, **2020**, 10, e3538	0.9	