Yunhai Li

List of Publications by Year
in descending order

51 papers	5,711 citations	94269 37 h-index	174990 52 g-index
53 all docs	53 docs citations	53 times ranked	5069 citing authors

#	Article	IF	Citations
1	Control of final seed and organ size by the DA1 gene family in Arabidopsis thaliana. Genes and Development, 2008, 22, 1331-1336.	2.7	404
2	BRITTLE CULM1, Which Encodes a COBRA-Like Protein, Affects the Mechanical Properties of Rice Plants. Plant Cell, 2003, 15, 2020-2031.	3.1	369
3	Molecular Networks of Seed Size Control in Plants. Annual Review of Plant Biology, 2019, 70, 435-463.	8.6	336
4	Regulation of OsGRF4 by OsmiR396 controls grain size and yield in rice. Nature Plants, 2016, 2, 15203.	4.7	306
5	Signaling pathways of seed size control in plants. Current Opinion in Plant Biology, 2016, 33, 23-32.	3.5	304
6	Natural Variation in the Promoter of GSE5 Contributes to Grain Size Diversity in Rice. Molecular Plant, 2017, 10, 685-694.	3.9	253
7	Establishing glucose- and ABA-regulated transcription networks in Arabidopsis by microarray analysis and promoter classification using a Relevance Vector Machine. Genome Research, 2006, 16, 414-427.	2.4	229
8	Sugar and ABA response pathways and the control of gene expression. Plant, Cell and Environment, 2006, 29, 426-434.	2.8	227
9	The Ubiquitin Receptor DA1 Interacts with the E3 Ubiquitin Ligase DA2 to Regulate Seed and Organ Size in Arabidopsis. Plant Cell, 2013, 25, 3347-3359.	3.1	226
10	Control of grain size in rice. Plant Reproduction, 2018, 31, 237-251.	1.3	188
11	<scp>SMALL GRAIN</scp> 1, which encodes a mitogenâ€activated protein kinase kinase 4, influences grain size in rice. Plant Journal, 2014, 77, 547-557.	2.8	175
12	Control of Grain Size and Weight by the OsMKKK10-OsMKK4-OsMAPK6 Signaling Pathway in Rice. Molecular Plant, 2018, 11, 860-873.	3.9	168
13	Os<scp>MAPK</scp>6, a mitogenâ€activated protein kinase, influences rice grain size and biomass production. Plant Journal, 2015, 84, 672-681.	2.8	159
14	Maternal control of seed size by EOD3/CYP78A6 in Arabidopsis thaliana. Plant Journal, 2012, 70, 929-939.	2.8	150
15	The Ubiquitin Receptor DA1 Regulates Seed and Organ Size by Modulating the Stability of the Ubiquitin-Specific Protease UBP15/SOD2 in Arabidopsis. Plant Cell, 2014, 26, 665-677.	3.1	149
16	<scp>WIDE AND THICK GRAIN</scp> 1, which encodes an otubainâ€like protease with deubiquitination activity, influences grain size and shape in rice. Plant Journal, 2017, 91, 849-860.	2.8	146
17	Ubiquitylation activates a peptidase that promotes cleavage and destabilization of its activating E3 ligases and diverse growth regulatory proteins to limit cell proliferation in Arabidopsis. Genes and Development, 2017, 31, 197-208.	2.7	128
18	Maternal control of seed size in plants. Journal of Experimental Botany, 2015, 66, 1087-1097.	2.4	123

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19	The plantâ€specific G protein Î³ subunit AGG3 influences organ size and shape in Arabidopsis thaliana. New Phytologist, 2012, 194, 690-703.	3.5	119
20	Control of final organ size by Mediator complex subunit 25 in Arabidopsis thaliana. Development (Cambridge), 2011, 138, 4545-4554.	1.2	115
21	The Ubiquitin Receptors DA1, DAR1, and DAR2 Redundantly Regulate Endoreduplication by Modulating the Stability of TCP14/15 in Arabidopsis. Plant Cell, 2015, 27, 649-662.	3.1	101
22	Ubiquitin-mediated control of seed size in plants. Frontiers in Plant Science, 2014, 5, 332.	1.7	91
23	SMALL GRAIN 11 Controls Grain Size, Grain Number and Grain Yield in Rice. Rice, 2016, 9, 64.	1.7	87
24	The Pentatricopeptide Repeat Proteins TANG2 and ORGANELLE TRANSCRIPT PROCESSING439 Are Involved in the Splicing of the Multipartite nad5 Transcript Encoding a Subunit of Mitochondrial Complex I. Plant Physiology, 2014, 165, 1409-1416.	2.3	78
25	Transcription Factors SOD7/NGAL2 and DPA4/NGAL3 Act Redundantly to Regulate Seed Size by Directly Repressing KLU Expression in Arabidopsis thaliana. Plant Cell, 2015, 27, 620-632.	3.1	77
26	SCFSAP controls organ size by targeting PPD proteins for degradation in Arabidopsis thaliana. Nature Communications, 2016, 7, 11192.	5.8	77
27	The GW2-WG1-OsbZIP47 pathway controls grain size and weight in rice. Molecular Plant, 2021, 14, 1266-1280.	3.9	70
28	BRI1 and BAK1 interact with G proteins and regulate sugar-responsive growth and development in Arabidopsis. Nature Communications, 2018, 9, 1522.	5.8	65
29	Arabidopsis NAP and PIR Regulate Actin-Based Cell Morphogenesis and Multiple Developmental Processes. Plant Physiology, 2004, 136, 3616-3627.	2.3	62
30	Control of Grain Size and Weight by the GSK2-LARGE1/OML4 Pathway in Rice. Plant Cell, 2020, 32, 1905-1918.	3.1	61
31	A mitogenâ€activated protein kinase phosphatase influences grain size and weight in rice. Plant Journal, 2018, 95, 937-946.	2.8	59
32	Signaling from an Altered Cell Wall to the Nucleus Mediates Sugar-Responsive Growth and Development inArabidopsis thaliana. Plant Cell, 2007, 19, 2500-2515.	3.1	57
33	Arabidopsis Leaf Flatness Is Regulated by PPD2 and NINJA through Repression of CYCLIN D3 Genes. Plant Physiology, 2018, 178, 217-232.	2.3	50
34	The LARGE2-APO1/APO2 regulatory module controls panicle size and grain number in rice. Plant Cell, 2021, 33, 1212-1228.	3.1	48
35	Transcriptional repression of GIF1 by the KIX-PPD-MYC repressor complex controls seed size in Arabidopsis. Nature Communications, 2020, 11, 1846.	5.8	45
36	STERILE APETALA modulates the stability of a repressor protein complex to control organ size in Arabidopsis thaliana. PLoS Genetics, 2018, 14, e1007218.	1.5	45

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37	Roles of the Arabidopsis G protein Î³ subunit AGG3 and its rice homologs GS3 and DEP1 in seed and organ size control. Plant Signaling and Behavior, 2012, 7, 1357-1359.	1.2	42
38	The Mediator complex subunit 8 regulates organ size inArabidopsis thaliana. Plant Signaling and Behavior, 2012, 7, 182-183.	1.2	40
39	SMA1, a homolog of the splicing factor Prp28, has a multifaceted role in miRNA biogenesis in Arabidopsis. Nucleic Acids Research, 2018, 46, 9148-9159.	6.5	38
40	UBIQUITIN-SPECIFIC PROTEASE 14 interacts with ULTRAVIOLET-B INSENSITIVE 4 to regulate endoreduplication and cell and organ growth in Arabidopsis. Plant Cell, 2016, 28, tpc.00007.2016.	3.1	35
41	Transcriptional Repression of the APC/C Activator Genes CCS52A1/A2 by the Mediator Complex Subunit MED16 Controls Endoreduplication and Cell Growth in Arabidopsis. Plant Cell, 2019, 31, 1899-1912.	3.1	32
42	Control of Root Meristem Size by DA1-RELATED PROTEIN2 in Arabidopsis Â Â. Plant Physiology, 2013, 161, 1542-1556.	2.3	31
43	Control of Plant Branching by the CUC2/CUC3-DA1-UBP15 Regulatory Module. Plant Cell, 2020, 32, 1919-1932.	3.1	27
44	Control of grain size by G protein signaling in rice. Journal of Integrative Plant Biology, 2019, 61, 533-540.	4.1	21
45	TCS1, a Microtubule-Binding Protein, Interacts with KCBP/ZWICHEL to Regulate Trichome Cell Shape in Arabidopsis thaliana. PLoS Genetics, 2016, 12, e1006266.	1.5	20
46	Resistant starch formation in rice: Genetic regulation and beyond. Plant Communications, 2022, 3, 100329.	3.6	19
47	A natural allele of OsMS1 responds to temperature changes and confers thermosensitive genic male sterility. Nature Communications, 2022, 13, 2055.	5.8	15
48	The UBP14-CDKB1;1-CDKG2 cascade controls endoreduplication and cell growth in Arabidopsis. Plant Cell, 2022, 34, 1308-1325.	3.1	12
49	TANG1, Encoding a Symplekin_C Domain-Contained Protein, Influences Sugar Responses in Arabidopsis. Plant Physiology, 2015, 168, 1000-1012.	2.3	10
50	DAR2 acts as an important node connecting cytokinin, auxin, SHY2 and PLT1/2 in root meristem size control. Plant Signaling and Behavior, 2013, 8, e24226.	1.2	6
51	Size matters: G protein signaling is crucial for grain size control in rice. Molecular Plant, 2021, 14, 1618-1620.	3.9	4