

# Yunhai Li

## List of Publications by Year in Descending Order

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**Version:** 2024-04-23

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51  
papers

3,491  
citations

30  
h-index

53  
g-index

53  
ext. papers

4,838  
ext. citations

10  
avg, IF

5.53  
L-index

#	Paper	IF	Citations
51	A natural allele of OsMS1 responds to temperature changes and confers thermosensitive genic male sterility.. <i>Nature Communications</i> , <b>2022</b> , 13, 2055	17.4	0
50	Resistant starch formation in rice: Genetic regulation and beyond.. <i>Plant Communications</i> , <b>2022</b> , 3, 100329		0
49	The LARGE2-APO1/APO2 regulatory module controls panicle size and grain number in rice. <i>Plant Cell</i> , <b>2021</b> , 33, 1212-1228	11.6	7
48	The GW2-WG1-OsbZIP47 pathway controls grain size and weight in rice. <i>Molecular Plant</i> , <b>2021</b> , 14, 1266-1280	11.4	5
47	Size matters: G protein signaling is crucial for grain size control in rice. <i>Molecular Plant</i> , <b>2021</b> , 14, 1618-1624	11.4	0
46	Control of Plant Branching by the CUC2/CUC3-DA1-UBP15 Regulatory Module. <i>Plant Cell</i> , <b>2020</b> , 32, 1919-1932	11.3	6
45	Transcriptional repression of GIF1 by the KIX-PPD-MYC repressor complex controls seed size in Arabidopsis. <i>Nature Communications</i> , <b>2020</b> , 11, 1846	17.4	16
44	Control of Grain Size and Weight by the GSK2-LARGE1/OML4 Pathway in Rice. <i>Plant Cell</i> , <b>2020</b> , 32, 1905-1918	11.6	15
43	Transcriptional Repression of the APC/C Activator Genes by the Mediator Complex Subunit MED16 Controls Endoreduplication and Cell Growth in Arabidopsis. <i>Plant Cell</i> , <b>2019</b> , 31, 1899-1912	11.6	12
42	Molecular Networks of Seed Size Control in Plants. <i>Annual Review of Plant Biology</i> , <b>2019</b> , 70, 435-463	30.7	121
41	Control of grain size by G protein signaling in rice. <i>Journal of Integrative Plant Biology</i> , <b>2019</b> , 61, 533-540	8.3	13
40	BRI1 and BAK1 interact with G proteins and regulate sugar-responsive growth and development in Arabidopsis. <i>Nature Communications</i> , <b>2018</b> , 9, 1522	17.4	48
39	Control of grain size in rice. <i>Plant Reproduction</i> , <b>2018</b> , 31, 237-251	3.9	87
38	SMA1, a homolog of the splicing factor Prp28, has a multifaceted role in miRNA biogenesis in Arabidopsis. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 9148-9159	20.1	17
37	Arabidopsis Leaf Flatness Is Regulated by PPD2 and NINJA through Repression of Genes. <i>Plant Physiology</i> , <b>2018</b> , 178, 217-232	6.6	29
36	STERILE APETALA modulates the stability of a repressor protein complex to control organ size in Arabidopsis thaliana. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007218	6	32
35	Control of Grain Size and Weight by the OsMKKK10-OsMKK4-OsMAPK6 Signaling Pathway in Rice. <i>Molecular Plant</i> , <b>2018</b> , 11, 860-873	14.4	74

34	A mitogen-activated protein kinase phosphatase influences grain size and weight in rice. <i>Plant Journal</i> , <b>2018</b> , 95, 937-946	6.9	28
33	Ubiquitylation activates a peptidase that promotes cleavage and destabilization of its activating E3 ligases and diverse growth regulatory proteins to limit cell proliferation in. <i>Genes and Development</i> , <b>2017</b> , 31, 197-208	12.6	62
32	WIDE AND THICK GRAIN 1, which encodes an otubain-like protease with deubiquitination activity, influences grain size and shape in rice. <i>Plant Journal</i> , <b>2017</b> , 91, 849-860	6.9	71
31	Natural Variation in the Promoter of GSE5 Contributes to Grain Size Diversity in Rice. <i>Molecular Plant</i> , <b>2017</b> , 10, 685-694	14.4	158
30	Signaling pathways of seed size control in plants. <i>Current Opinion in Plant Biology</i> , <b>2016</b> , 33, 23-32	9.9	179
29	TCS1, a Microtubule-Binding Protein, Interacts with KCBP/ZWICHEL to Regulate Trichome Cell Shape in Arabidopsis thaliana. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006266	6	10
28	SCF(SAP) controls organ size by targeting PPD proteins for degradation in Arabidopsis thaliana. <i>Nature Communications</i> , <b>2016</b> , 7, 11192	17.4	56
27	SMALL GRAIN 11 Controls Grain Size, Grain Number and Grain Yield in Rice. <i>Rice</i> , <b>2016</b> , 9, 64	5.8	53
26	UBIQUITIN-SPECIFIC PROTEASE14 Interacts with ULTRAVIOLET-B INSENSITIVE4 to Regulate Endoreduplication and Cell and Organ Growth in Arabidopsis. <i>Plant Cell</i> , <b>2016</b> , 28, 1200-14	11.6	21
25	TANG1, Encoding a Symplekin_C Domain-Contained Protein, Influences Sugar Responses in Arabidopsis. <i>Plant Physiology</i> , <b>2015</b> , 168, 1000-12	6.6	3
24	The ubiquitin receptors DA1, DAR1, and DAR2 redundantly regulate endoreduplication by modulating the stability of TCP14/15 in Arabidopsis. <i>Plant Cell</i> , <b>2015</b> , 27, 649-62	11.6	57
23	Transcription factors SOD7/NGAL2 and DPA4/NGAL3 act redundantly to regulate seed size by directly repressing KLU expression in Arabidopsis thaliana. <i>Plant Cell</i> , <b>2015</b> , 27, 620-32	11.6	32
22	Regulation of OsGRF4 by OsmiR396 controls grain size and yield in rice. <i>Nature Plants</i> , <b>2015</b> , 2, 15203	11.5	177
21	OsMAPK6, a mitogen-activated protein kinase, influences rice grain size and biomass production. <i>Plant Journal</i> , <b>2015</b> , 84, 672-81	6.9	96
20	Maternal control of seed size in plants. <i>Journal of Experimental Botany</i> , <b>2015</b> , 66, 1087-97	7	88
19	The ubiquitin receptor DA1 regulates seed and organ size by modulating the stability of the ubiquitin-specific protease UBP15/SOD2 in Arabidopsis. <i>Plant Cell</i> , <b>2014</b> , 26, 665-77	11.6	91
18	SMALL GRAIN 1, which encodes a mitogen-activated protein kinase kinase 4, influences grain size in rice. <i>Plant Journal</i> , <b>2014</b> , 77, 547-57	6.9	110
17	Ubiquitin-mediated control of seed size in plants. <i>Frontiers in Plant Science</i> , <b>2014</b> , 5, 332	6.2	56

16	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. <i>Plant Physiology</i> , <b>2014</b> , 165, 1409-1416	6.6	61
15	The ubiquitin receptor DA1 interacts with the E3 ubiquitin ligase DA2 to regulate seed and organ size in Arabidopsis. <i>Plant Cell</i> , <b>2013</b> , 25, 3347-59	11.6	160
14	DAR2 acts as an important node connecting cytokinin, auxin, SHY2 and PLT1/2 in root meristem size control. <i>Plant Signaling and Behavior</i> , <b>2013</b> , 8, e24226	2.5	6
13	Control of root meristem size by DA1-RELATED PROTEIN2 in Arabidopsis. <i>Plant Physiology</i> , <b>2013</b> , 161, 1542-56	6.6	24
12	Maternal control of seed size by EOD3/CYP78A6 in Arabidopsis thaliana. <i>Plant Journal</i> , <b>2012</b> , 70, 929-39	6.9	101
11	The plant-specific G protein $\beta$ subunit AGG3 influences organ size and shape in Arabidopsis thaliana. <i>New Phytologist</i> , <b>2012</b> , 194, 690-703	9.8	89
10	Roles of the Arabidopsis G protein $\beta$ subunit AGG3 and its rice homologs GS3 and DEP1 in seed and organ size control. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 1357-9	2.5	26
9	The Mediator complex subunit 8 regulates organ size in Arabidopsis thaliana. <i>Plant Signaling and Behavior</i> , <b>2012</b> , 7, 182-3	2.5	27
8	Control of final organ size by Mediator complex subunit 25 in Arabidopsis thaliana. <i>Development (Cambridge)</i> , <b>2011</b> , 138, 4545-54	6.6	92
7	Control of final seed and organ size by the DA1 gene family in Arabidopsis thaliana. <i>Genes and Development</i> , <b>2008</b> , 22, 1331-6	12.6	296
6	Signaling from an altered cell wall to the nucleus mediates sugar-responsive growth and development in Arabidopsis thaliana. <i>Plant Cell</i> , <b>2007</b> , 19, 2500-15	11.6	47
5	Establishing glucose- and ABA-regulated transcription networks in Arabidopsis by microarray analysis and promoter classification using a Relevance Vector Machine. <i>Genome Research</i> , <b>2006</b> , 16, 414-27	9.7	208
4	Sugar and ABA response pathways and the control of gene expression. <i>Plant, Cell and Environment</i> , <b>2006</b> , 29, 426-34	8.4	192
3	Arabidopsis NAP and PIR regulate actin-based cell morphogenesis and multiple developmental processes. <i>Plant Physiology</i> , <b>2004</b> , 136, 3616-27	6.6	54
2	BRITTLE CULM1, which encodes a COBRA-like protein, affects the mechanical properties of rice plants. <i>Plant Cell</i> , <b>2003</b> , 15, 2020-31	11.6	273
1	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		1