

Linchuan Liu

List of Publications by Year in Descending Order

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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.

20
papers

2,759
citations

17
h-index

25
g-index

25
ext. papers

3,627
ext. citations

9.9
avg, IF

4.63
L-index

#	Paper	IF	Citations
20	The Crucial Role of Demannosylating Asparagine-Linked Glycans in ERADicating Misfolded Glycoproteins in the Endoplasmic Reticulum. <i>Frontiers in Plant Science</i> , 2020 , 11, 625033	6.2	4
19	Nitrate-NRT1.1B-SPX4 cascade integrates nitrogen and phosphorus signalling networks in plants. <i>Nature Plants</i> , 2019 , 5, 401-413	11.5	133
18	PAWH1 and PAWH2 are plant-specific components of an Arabidopsis endoplasmic reticulum-associated degradation complex. <i>Nature Communications</i> , 2019 , 10, 3492	17.4	11
17	Communications Between the Endoplasmic Reticulum and Other Organelles During Abiotic Stress Response in Plants. <i>Frontiers in Plant Science</i> , 2019 , 10, 749	6.2	30
16	Big Grain3, encoding a purine permease, regulates grain size via modulating cytokinin transport in rice. <i>Journal of Integrative Plant Biology</i> , 2019 , 61, 581-597	8.3	35
15	A Temperature-Sensitive Misfolded bri1-301 Receptor Requires Its Kinase Activity to Promote Growth. <i>Plant Physiology</i> , 2018 , 178, 1704-1719	6.6	12
14	Activation of Big Grain1 significantly improves grain size by regulating auxin transport in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11102-7	11.5	140
13	EBS7 is a plant-specific component of a highly conserved endoplasmic reticulum-associated degradation system in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12205-10	11.5	32
12	Control of grain size and rice yield by GL2-mediated brassinosteroid responses. <i>Nature Plants</i> , 2015 , 2, 15195	11.5	209
11	Variation in NRT1.1B contributes to nitrate-use divergence between rice subspecies. <i>Nature Genetics</i> , 2015 , 47, 834-8	36.3	334
10	Brassinosteroid regulates cell elongation by modulating gibberellin metabolism in rice. <i>Plant Cell</i> , 2014 , 26, 4376-93	11.6	442
9	OsNAP connects abscisic acid and leaf senescence by fine-tuning abscisic acid biosynthesis and directly targeting senescence-associated genes in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10013-8	11.5	316
8	OsZIP71, a bZIP transcription factor, confers salinity and drought tolerance in rice. <i>Plant Molecular Biology</i> , 2014 , 84, 19-36	4.6	213
7	DWARF AND LOW-TILLERING acts as a direct downstream target of a GSK3/SHAGGY-like kinase to mediate brassinosteroid responses in rice. <i>Plant Cell</i> , 2012 , 24, 2562-77	11.6	187
6	Nitric oxide and protein S-nitrosylation are integral to hydrogen peroxide-induced leaf cell death in rice. <i>Plant Physiology</i> , 2012 , 158, 451-64	6.6	237
5	The histone methyltransferase SDG724 mediates H3K36me2/3 deposition at MADS50 and RFT1 and promotes flowering in rice. <i>Plant Cell</i> , 2012 , 24, 3235-47	11.6	79
4	RLIN1, encoding a putative coproporphyrinogen III oxidase, is involved in lesion initiation in rice. <i>Journal of Genetics and Genomics</i> , 2011 , 38, 29-37	4	45

3	Semi-dominant mutations in the CC-NB-LRR-type R gene, NLS1, lead to constitutive activation of defense responses in rice. <i>Plant Journal</i> , 2011 , 66, 996-1007	6.9	68
2	LEAF TIP NECROSIS1 plays a pivotal role in the regulation of multiple phosphate starvation responses in rice. <i>Plant Physiology</i> , 2011 , 156, 1101-15	6.6	162
1	A rice plastidial nucleotide sugar epimerase is involved in galactolipid biosynthesis and improves photosynthetic efficiency. <i>PLoS Genetics</i> , 2011 , 7, e1002196	6	57