Linchuan Liu

List of Publications by Year
in descending order

21 papers	4,131 citations	394421 19 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	5330 citing authors

#	Article	IF	Citations
1	The Crucial Role of Demannosylating Asparagine-Linked Glycans in ERADicating Misfolded Glycoproteins in the Endoplasmic Reticulum. Frontiers in Plant Science, 2020, 11, 625033.	3.6	11
2	PAWH1 and PAWH2 are plant-specific components of an Arabidopsis endoplasmic reticulum-associated degradation complex. Nature Communications, 2019, 10, 3492.	12.8	26
3	Communications Between the Endoplasmic Reticulum and Other Organelles During Abiotic Stress Response in Plants. Frontiers in Plant Science, 2019, 10, 749.	3.6	61
4	Nitrateâ€“NRT1.1Bâ€“SPX4 cascade integrates nitrogen and phosphorus signalling networks in plants. Nature Plants, 2019, 5, 401-413.	9.3	263
5	<i>Big Grain3,</i> encoding a purine permease, regulates grain size via modulating cytokinin transport in rice. Journal of Integrative Plant Biology, 2019, 61, 581-597.	8.5	73
6	A Temperature-Sensitive Misfolded bri1-301 Receptor Requires Its Kinase Activity to Promote Growth. Plant Physiology, 2018, 178, 1704-1719.	4.8	26
7	Control of grain size and rice yield by GL2-mediated brassinosteroid responses. Nature Plants, 2016, 2, 15195.	9.3	342
8	Variation in NRT1.1B contributes to nitrate-use divergence between rice subspecies. Nature Genetics, 2015, 47, 834-838.	21.4	527
9	Activation of <i>Big Grain1</i> significantly improves grain size by regulating auxin transport in rice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11102-11107.	7.1	265
10	EBS7 is a plant-specific component of a highly conserved endoplasmic reticulum-associated degradation system in <i>Arabidopsis</i>. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12205-12210.	7.1	49
11	OsNAP connects abscisic acid and leaf senescence by fine-tuning abscisic acid biosynthesis and directly targeting senescence-associated genes in rice. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10013-10018.	7.1	449
12	OsbZIP71, a bZIP transcription factor, confers salinity and drought tolerance in rice. Plant Molecular Biology, 2014, 84, 19-36.	3.9	311
13	Brassinosteroid Regulates Cell Elongation by Modulating Gibberellin Metabolism in Rice Â Â. Plant Cell, 2014, 26, 4376-4393.	6.6	589
14	Nitric Oxide and Protein<i>S</i>-Nitrosylation Are Integral to Hydrogen Peroxide-Induced Leaf Cell Death in Rice Â Â. Plant Physiology, 2012, 158, 451-464.	4.8	290
15	The Histone Methyltransferase SDG724 Mediates H3K36me2/3 Deposition at <i>MADS50</i> and <i>RFT1</i> and Promotes Flowering in Rice. Plant Cell, 2012, 24, 3235-3247.	6.6	112
16	DWARF AND LOW-TILLERING Acts as a Direct Downstream Target of a GSK3/SHAGGY-Like Kinase to Mediate Brassinosteroid Responses in Rice. Plant Cell, 2012, 24, 2562-2577.	6.6	292
17	RLIN1, encoding a putative coproporphyrinogen III oxidase, is involved inÂlesion initiation in rice. Journal of Genetics and Genomics, 2011, 38, 29-37.	3.9	60
18	Semiâ€dominant mutations in the CCâ€NBâ€LRRâ€type <i>R</i> gene, <i>NLS1</i>, lead to constitutive activation of defense responses in rice. Plant Journal, 2011, 66, 996-1007.	5.7	82

#	Article	IF	Citations
19	<i>LEAF TIP NECROSIS1</i> Plays a Pivotal Role in the Regulation of Multiple Phosphate Starvation Responses in Rice Â Â. Plant Physiology, 2011, 156, 1101-1115.	4.8	208
20	A Rice Plastidial Nucleotide Sugar Epimerase Is Involved in Galactolipid Biosynthesis and Improves Photosynthetic Efficiency. PLoS Genetics, 2011, 7, e1002196.	3.5	71
21	A Predominant Role of AtEDEM1 in Catalyzing a Rate-Limiting Demannosylation Step of an Arabidopsis Endoplasmic Reticulum-Associated Degradation Process. Frontiers in Plant Science, 0, 13, .	3.6	0