

Linchuan Liu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

4,131
citations

394421

19
h-index

677142

22
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25
all docs

25
docs citations

25
times ranked

5330
citing authors

#	ARTICLE	IF	CITATIONS
1	Brassinosteroid Regulates Cell Elongation by Modulating Gibberellin Metabolism in Rice. <i>Plant Cell</i> , 2014, 26, 4376-4393.	6.6	589
2	Variation in NRT1.1B contributes to nitrate-use divergence between rice subspecies. <i>Nature Genetics</i> , 2015, 47, 834-838.	21.4	527
3	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, 10013-10018.	7.1	449
4	Control of grain size and rice yield by GL2-mediated brassinosteroid responses. <i>Nature Plants</i> , 2016, 2, 15195.	9.3	342
5	OsZIP71, a bZIP transcription factor, confers salinity and drought tolerance in rice. <i>Plant Molecular Biology</i> , 2014, 84, 19-36.	3.9	311
6	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, 2562-2577.	6.6	292
7	Nitric Oxide and Protein S-Nitrosylation Are Integral to Hydrogen Peroxide-Induced Leaf Cell Death in Rice. <i>Plant Physiology</i> , 2012, 158, 451-464.	4.8	290
8	Activation of <i>Big Grain1</i> 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, 11102-11107.	7.1	265
9	Nitrate-NRT1.1B-SPX4 cascade integrates nitrogen and phosphorus signalling networks in plants. <i>Nature Plants</i> , 2019, 5, 401-413.	9.3	263
10	<i>LEAF TIP NECROSIS1</i> Plays a Pivotal Role in the Regulation of Multiple Phosphate Starvation Responses in Rice. <i>Plant Physiology</i> , 2011, 156, 1101-1115.	4.8	208
11	The Histone Methyltransferase SDG724 Mediates H3K36me2/3 Deposition at <i>MADS50</i> and <i>RFT1</i> and Promotes Flowering in Rice. <i>Plant Cell</i> , 2012, 24, 3235-3247.	6.6	112
12	Semi-dominant mutations in the CC-NB-CLRR-type <i>R</i> gene, <i>NLS1</i> , lead to constitutive activation of defense responses in rice. <i>Plant Journal</i> , 2011, 66, 996-1007.	5.7	82
13	<i>Big Grain3</i> encoding a purine permease, regulates grain size via modulating cytokinin transport in rice. <i>Journal of Integrative Plant Biology</i> , 2019, 61, 581-597.	8.5	73
14	A Rice Plastidial Nucleotide Sugar Epimerase Is Involved in Galactolipid Biosynthesis and Improves Photosynthetic Efficiency. <i>PLoS Genetics</i> , 2011, 7, e1002196.	3.5	71
15	Communications Between the Endoplasmic Reticulum and Other Organelles During Abiotic Stress Response in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 749.	3.6	61
16	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.	3.9	60
17	EBS7 is a plant-specific component of a highly conserved endoplasmic reticulum-associated degradation system in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12205-12210.	7.1	49
18	A Temperature-Sensitive Misfolded bri1-301 Receptor Requires Its Kinase Activity to Promote Growth. <i>Plant Physiology</i> , 2018, 178, 1704-1719.	4.8	26

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19	PAWH1 and PAWH2 are plant-specific components of an Arabidopsis endoplasmic reticulum-associated degradation complex. <i>Nature Communications</i> , 2019, 10, 3492.	12.8	26
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.	3.6	11
21	A Predominant Role of AtEDEM1 in Catalyzing a Rate-Limiting Demannosylation Step of an Arabidopsis Endoplasmic Reticulum-Associated Degradation Process. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	0