Ruonan Jing

List of Publications by Year
in descending order

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17	719	567281 15	888059 17
papers	citations	h-index	g-index

17	17	17	702
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rice FLOURY ENDOSPERM 18 encodes a pentatricopeptide repeat protein required for 5â€² processing of mitochondrial nad5 messenger RNA and endosperm development. Journal of Integrative Plant Biology, 2021, 63, 834-847.	8.5	24
2	Transcriptional activation and phosphorylation of OsCNGC9 confer enhanced chilling tolerance in rice. Molecular Plant, 2021, 14, 315-329.	8.3	89
3	Subunit E isoform 1 of vacuolar H+-ATPase OsVHA enables post-Golgi trafficking of rice seed storage proteins. Plant Physiology, 2021, 187, 2192-2208.	4.8	18
4	Post-Golgi trafficking of rice storage proteins requires the small GTPase Rab7 activation complex MON1â€“CCZ1. Plant Physiology, 2021, 187, 2174-2191.	4.8	17
5	Small grain and semi-dwarf 3, a WRKY transcription factor, negatively regulates plant height and grain size by stabilizing SLR1 expression in rice. Plant Molecular Biology, 2020, 104, 429-450.	3.9	40
6	GPA5 Encodes a Rab5a Effector Required for Post-Golgi Trafficking of Rice Storage Proteins. Plant Cell, 2020, 32, 758-777.	6.6	44
7	Os<scp>PEX</scp>5 regulates rice spikelet development through modulating jasmonic acid biosynthesis. New Phytologist, 2019, 224, 712-724.	7.3	36
8	The nuclear-localized PPR protein OsNPPR1 is important for mitochondrial function and endosperm development in rice. Journal of Experimental Botany, 2019, 70, 4705-4720.	4.8	35
9	Rice <scp>FLOURY ENDOSPERM</scp>10 encodes a pentatricopeptide repeat protein that is essential for the transâ€splicing of mitochondrial nad1 intron 1 and endosperm development. New Phytologist, 2019, 223, 736-750.	7.3	62
10	Ubiquitin Specific Protease 15 Has an Important Role in Regulating Grain Width and Size in Rice. Plant Physiology, 2019, 180, 381-391.	4.8	90
11	Disruption of gene <scp>SPL</scp>35, encoding a novel <scp>CUE</scp> domainâ€containing protein, leads to cell death and enhanced disease response in rice. Plant Biotechnology Journal, 2019, 17, 1679-1693.	8.3	46
12	FLOURY ENDOSPERM12 Encoding Alanine Aminotransferase 1 Regulates Carbon and Nitrogen Metabolism in Rice. Journal of Plant Biology, 2019, 62, 61-73.	2.1	22
13	FLOURY ENDOSPERM15 encodes a glyoxalase I involved in compound granule formation and starch synthesis in rice endosperm. Plant Cell Reports, 2019, 38, 345-359.	5.6	27
14	Overexpression of OsbHLH107, a member of the basic helix-loop-helix transcription factor family, enhances grain size in rice (Oryza sativa L.). Rice, 2018, 11, 41.	4.0	42
15	FLOURY ENDOSPERM11 encoding a plastid heat shock protein 70 is essential for amyloplast development in rice. Plant Science, 2018, 277, 89-99.	3.6	21
16	OsNDUFA9 encoding a mitochondrial complex I subunit is essential for embryo development and starch synthesis in rice. Plant Cell Reports, 2018, 37, 1667-1679.	5.6	27
17	GOLGI TRANSPORT 1B Regulates Protein Export from the Endoplasmic Reticulum in Rice Endosperm Cells. Plant Cell, 2016, 28, 2850-2865.	6.6	79