

# Ruonan Jing

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ubiquitin Specific Protease 15 Has an Important Role in Regulating Grain Width and Size in Rice. <i>Plant Physiology</i> , 2019, 180, 381-391.	4.8	90
2	Transcriptional activation and phosphorylation of OsCNGC9 confer enhanced chilling tolerance in rice. <i>Molecular Plant</i> , 2021, 14, 315-329.	8.3	89
3	GOLGI TRANSPORT 1B Regulates Protein Export from the Endoplasmic Reticulum in Rice Endosperm Cells. <i>Plant Cell</i> , 2016, 28, 2850-2865.	6.6	79
4	Rice <i>FLOURY ENDOSPERM10</i> encodes a pentatricopeptide repeat protein that is essential for the splicing of mitochondrial <i>nad1</i> intron 1 and endosperm development. <i>New Phytologist</i> , 2019, 223, 736-750.	7.3	62
5	Disruption of gene <i>SPL35</i> , encoding a novel CUE domain-containing protein, leads to cell death and enhanced disease response in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 1679-1693.	8.3	46
6	<i>GPA5</i> Encodes a Rab5a Effector Required for Post-Golgi Trafficking of Rice Storage Proteins. <i>Plant Cell</i> , 2020, 32, 758-777.	6.6	44
7	Overexpression of OsbHLH107, a member of the basic helix-loop-helix transcription factor family, enhances grain size in rice ( <i>Oryza sativa</i> L.). <i>Rice</i> , 2018, 11, 41.	4.0	42
8	Small grain and semi-dwarf 3, a WRKY transcription factor, negatively regulates plant height and grain size by stabilizing SLR1 expression in rice. <i>Plant Molecular Biology</i> , 2020, 104, 429-450.	3.9	40
9	OsPEX5 regulates rice spikelet development through modulating jasmonic acid biosynthesis. <i>New Phytologist</i> , 2019, 224, 712-724.	7.3	36
10	The nuclear-localized PPR protein OsNPPR1 is important for mitochondrial function and endosperm development in rice. <i>Journal of Experimental Botany</i> , 2019, 70, 4705-4720.	4.8	35
11	OsNDUFA9 encoding a mitochondrial complex I subunit is essential for embryo development and starch synthesis in rice. <i>Plant Cell Reports</i> , 2018, 37, 1667-1679.	5.6	27
12	FLOURY ENDOSPERM15 encodes a glyoxalase I involved in compound granule formation and starch synthesis in rice endosperm. <i>Plant Cell Reports</i> , 2019, 38, 345-359.	5.6	27
13	Rice FLOURY ENDOSPERM 18 encodes a pentatricopeptide repeat protein required for 5' processing of mitochondrial <i>nad5</i> messenger RNA and endosperm development. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 834-847.	8.5	24
14	FLOURY ENDOSPERM12 Encoding Alanine Aminotransferase 1 Regulates Carbon and Nitrogen Metabolism in Rice. <i>Journal of Plant Biology</i> , 2019, 62, 61-73.	2.1	22
15	FLOURY ENDOSPERM11 encoding a plastid heat shock protein 70 is essential for amyloplast development in rice. <i>Plant Science</i> , 2018, 277, 89-99.	3.6	21
16	Subunit E isoform 1 of vacuolar H <sup>+</sup> -ATPase OsVHA enables post-Golgi trafficking of rice seed storage proteins. <i>Plant Physiology</i> , 2021, 187, 2192-2208.	4.8	18
17	Post-Golgi trafficking of rice storage proteins requires the small GTPase Rab7 activation complex MON1-CCZ1. <i>Plant Physiology</i> , 2021, 187, 2174-2191.	4.8	17