

# Yulong Ren

## List of Publications by Year in descending order

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40  
papers

2,987  
citations

236925

25  
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289244

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g-index

40  
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40  
docs citations

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times ranked

3269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plastidic pyruvate dehydrogenase complex E1 component subunit Alpha1 is involved in galactolipid biosynthesis required for amyloplast development in rice. <i>Plant Biotechnology Journal</i> , 2022, 20, 437-453.	8.3	20
2	Rice <i>STOMATAL CYTOKINESIS DEFECTIVE2</i> regulates cell expansion by affecting vesicular trafficking in rice. <i>Plant Physiology</i> , 2022, 189, 567-584.	4.8	7
3	Endomembrane-mediated storage protein trafficking in plants: Golgi-dependent or Golgi-independent?. <i>FEBS Letters</i> , 2022, 596, 2215-2230.	2.8	6
4	Mitochondrion-targeted PENTATRICOPEPTIDE REPEAT5 is required for cis-splicing of nad4 intron 3 and endosperm development in rice. <i>Crop Journal</i> , 2021, 9, 282-296.	5.2	7
5	Rice FLOURY ENDOSPERM 18 encodes a pentatricopeptide repeat protein required for 5' processing of mitochondrial nad5 messenger RNA and endosperm development. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 834-847.	8.5	24
6	<i>white panicle2</i> encoding thioredoxin <i>z</i> , regulates plastid RNA editing by interacting with multiple organellar RNA editing factors in rice. <i>New Phytologist</i> , 2021, 229, 2693-2706.	7.3	24
7	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
8	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
9	ENLARGED STARCH GRAIN1 affects amyloplast development and starch biosynthesis in rice endosperm. <i>Plant Science</i> , 2021, 305, 110831.	3.6	6
10	The small GTPase Rab5a and its guanine nucleotide exchange factors are involved in post-Golgi trafficking of storage proteins in developing soybean cotyledon. <i>Journal of Experimental Botany</i> , 2020, 71, 808-822.	4.8	6
11	<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
12	GmGPA3 is involved in post-Golgi trafficking of storage proteins and cell growth in soybean cotyledons. <i>Plant Science</i> , 2020, 294, 110423.	3.6	3
13	The APC/C <sup>TE</sup> E3 Ubiquitin Ligase Complex Mediates the Antagonistic Regulation of Root Growth and Tillering by ABA and GA. <i>Plant Cell</i> , 2020, 32, 1973-1987.	6.6	45
14	OsNHX5-mediated pH homeostasis is required for post-Golgi trafficking of seed storage proteins in rice endosperm cells. <i>BMC Plant Biology</i> , 2019, 19, 295.	3.6	20
15	Rice <i>FLOURY ENDOSPERM10</i> encodes a pentatricopeptide repeat protein that is essential for the trans-splicing of mitochondrial <i>nad1</i> intron 1 and endosperm development. <i>New Phytologist</i> , 2019, 223, 736-750.	7.3	62
16	<i>FLOURY ENDOSPERM16</i> encoding a NAD-dependent cytosolic malate dehydrogenase plays an important role in starch synthesis and seed development in rice. <i>Plant Biotechnology Journal</i> , 2019, 17, 1914-1927.	8.3	50
17	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
18	Early heading 7 interacts with DTH8, and regulates flowering time in rice. <i>Plant Cell Reports</i> , 2019, 38, 521-532.	5.6	22

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19	Disruption of gene <i>SPL35</i> , encoding a novel <i>CLUE</i> 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
20	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
21	Disruption of <i>OsSEC3A</i> increases the content of salicylic acid and induces plant defense responses in rice. <i>Journal of Experimental Botany</i> , 2018, 69, 1051-1064.	4.8	119
22	FLOURY SHRUNKEN ENDOSPERM1 Connects Phospholipid Metabolism and Amyloplast Development in Rice. <i>Plant Physiology</i> , 2018, 177, 698-712.	4.8	35
23	<i>OsALMT7</i> Maintains Panicle Size and Grain Yield in Rice by Mediating Malate Transport. <i>Plant Cell</i> , 2018, 30, 889-906.	6.6	81
24	A putative plastidial adenine nucleotide transporter, <i>BRITTLE1-3</i> , plays an essential role in regulating chloroplast development in rice ( <i>Oryza sativa</i> L.). <i>Journal of Plant Biology</i> , 2017, 60, 493-505.	2.1	2
25	WHITE STRIPE LEAF4 Encodes a Novel P-Type PPR Protein Required for Chloroplast Biogenesis during Early Leaf Development. <i>Frontiers in Plant Science</i> , 2017, 8, 1116.	3.6	71
26	<i>WSL3</i> , a component of the plastid-encoded plastid RNA polymerase, is essential for early chloroplast development in rice. <i>Plant Molecular Biology</i> , 2016, 92, 581-595.	3.9	30
27	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
28	<i>FLOURY ENDOSPERM7</i> encodes a regulator of starch synthesis and amyloplast development essential for peripheral endosperm development in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 633-647.	4.8	91
29	An evolutionarily conserved gene, <i>FUWA</i> , plays a role in determining panicle architecture, grain shape and grain weight in rice. <i>Plant Journal</i> , 2015, 83, 427-438.	5.7	68
30	<i>VLN2</i> Regulates Plant Architecture by Affecting Microfilament Dynamics and Polar Auxin Transport in Rice. <i>Plant Cell</i> , 2015, 27, tpc.15.00581.	6.6	48
31	A gene cluster encoding lectin receptor kinases confers broad-spectrum and durable insect resistance in rice. <i>Nature Biotechnology</i> , 2015, 33, 301-305.	17.5	299
32	<i>GLUTELIN PRECURSOR ACCUMULATION3</i> Encodes a Regulator of Post-Golgi Vesicular Traffic Essential for Vacuolar Protein Sorting in Rice Endosperm. <i>Plant Cell</i> , 2014, 26, 410-425.	6.6	113
33	<i>FLOURY ENDOSPERM6</i> encodes a <i>CBM48</i> domain-containing protein involved in compound granule formation and starch synthesis in rice endosperm. <i>Plant Journal</i> , 2014, 77, 917-930.	5.7	185
34	A Novel Chloroplast-Localized Pentatricopeptide Repeat Protein Involved in Splicing Affects Chloroplast Development and Abiotic Stress Response in Rice. <i>Molecular Plant</i> , 2014, 7, 1329-1349.	8.3	114
35	D14-dependent degradation of D53 regulates strigolactone signalling. <i>Nature</i> , 2013, 504, 406-410.	27.8	669
36	<i>OsVPS9A</i> Functions Cooperatively with <i>OsRAB5A</i> to Regulate Post-Golgi Dense Vesicle-Mediated Storage Protein Trafficking to the Protein Storage Vacuole in Rice Endosperm Cells. <i>Molecular Plant</i> , 2013, 6, 1918-1932.	8.3	48

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37	<i>O</i> encodes an arginase that plays critical roles in panicle development and grain production in rice. <i>Plant Journal</i> , 2013, 73, 190-200.	5.7	67
38	The failure to express a protein disulphide isomerase-like protein results in a floury endosperm and an endoplasmic reticulum stress response in rice. <i>Journal of Experimental Botany</i> , 2012, 63, 121-130.	4.8	89
39	OsRab5a regulates endomembrane organization and storage protein trafficking in rice endosperm cells. <i>Plant Journal</i> , 2010, 64, 812-824.	5.7	123
40	The vacuolar processing enzyme OsVPE1 is required for efficient glutelin processing in rice. <i>Plant Journal</i> , 2009, 58, 606-617.	5.7	117