

Ke Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8396599/publications.pdf>

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10
papers

611
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

995
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine-mapping and candidate gene analysis of a major locus controlling leaf thickness in rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBJ /Overl	2.1	7
2	Genetic improvement of grain quality traits in indica inbred rice cultivars developed in South China during 1956â€“2020. <i>Euphytica</i> , 2022, 218, 1.	1.2	4
3	Genetic and Molecular Factors Determining Grain Weight in Rice. <i>Frontiers in Plant Science</i> , 2021, 12, 605799.	3.6	27
4	Microstructure investigation of plant architecture with X-ray microscopy. <i>Plant Science</i> , 2021, 311, 110986.	3.6	6
5	<i><i>Tillering and small grain 1</i></i> dominates the tryptophan aminotransferase family required for local auxin biosynthesis in rice. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 581-600.	8.5	37
6	A SAC Phosphoinositide Phosphatase Controls Rice Development via Hydrolyzing PI4P and PI(4,5)P₂. <i>Plant Physiology</i> , 2020, 182, 1346-1358.	4.8	15
7	Translational Regulation of Plant Response to High Temperature by a Dual-Function tRNAHis Guanylyltransferase in Rice. <i>Molecular Plant</i> , 2019, 12, 1123-1142.	8.3	44
8	NAL8 encodes a prohibitin that contributes to leaf and spikelet development by regulating mitochondria and chloroplasts stability in rice. <i>BMC Plant Biology</i> , 2019, 19, 395.	3.6	10
9	<i><i>GRAIN SIZE AND NUMBER1</i></i> Negatively Regulates the OsmKKK10-OsmKK4-OsMPK6 Cascade to Coordinate the Trade-off between Grain Number per Panicle and Grain Size in Rice. <i>Plant Cell</i> , 2018, 30, 871-888.	6.6	196
10	Natural alleles of a proteasome Î±2 subunit gene contribute to thermotolerance and adaptation of African rice. <i>Nature Genetics</i> , 2015, 47, 827-833.	21.4	265