Jiechen Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4130460/publications.pdf

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13	498	759233 12	1125743 13
papers	citations	h-index	g-index

13	13	13	485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Maize Imprinted Gene Floury3 Encodes a PLATZ Protein Required for tRNA and 5S rRNA Transcription through Interaction with RNA Polymerase III. Plant Cell, 2017, 29, 2661-2675.	6.6	96
2	Gene duplication confers enhanced expression of 27-kDa Î³-zein for endosperm modification in quality protein maize. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4964-4969.	7.1	67
3	Transactivation of Sus1 and Sus2 by Opaque2 is an essential supplement to sucrose synthaseâ€mediated endosperm filling in maize. Plant Biotechnology Journal, 2020, 18, 1897-1907.	8.3	48
4	The B3 domain-containing transcription factor ZmABI19 coordinates expression of key factors required for maize seed development and grain filling. Plant Cell, 2021, 33, 104-128.	6.6	48
5	Quantitative Trait Locus Analysis for Deep-Sowing Germination Ability in the Maize IBM Syn10 DH Population. Frontiers in Plant Science, 2017, 8, 813.	3.6	44
6	Genome-wide analysis of the plant-specific PLATZ proteins in maize and identification of their general role in interaction with RNA polymerase III complex. BMC Plant Biology, 2018, 18, 221.	3.6	37
7	Maize VKS1 Regulates Mitosis and Cytokinesis During Early Endosperm Development. Plant Cell, 2019, 31, 1238-1256.	6.6	36
8	LjCYC Genes Constitute Floral Dorsoventral Asymmetry in Lotus japonicus. Journal of Integrative Plant Biology, 2010, 52, 959-970.	8.5	29
9	The O2-ZmGRAS11 transcriptional regulatory network orchestrates the coordination of endosperm cell expansion and grain filling inÂmaize. Molecular Plant, 2022, 15, 468-487.	8.3	25
10	The PGS1 basic helixâ€loopâ€helix protein regulates Fl3 to impact seed growth and grain yield in cereals. Plant Biotechnology Journal, 2022, 20, 1311-1326.	8.3	23
11	EMB-7L is required for embryogenesis and plant development in maize involved in RNA splicing of multiple chloroplast genes. Plant Science, 2019, 287, 110203.	3.6	22
12	ABA-induced phosphorylation of basic leucine zipper 29, ABSCISIC ACID INSENSITIVE 19, and Opaque2 by SnRK2.2 enhances gene transactivation for endosperm filling in maize. Plant Cell, 2022, 34, 1933-1956.	6.6	16
13	High frequency DNA rearrangement at qÎ³27 creates a novel allele for Quality Protein Maize breeding. Communications Biology, 2019, 2, 460.	4.4	7