

Jiechen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

498
citations

759233

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1125743

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docs citations

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times ranked

485
citing authors

#	ARTICLE	IF	CITATIONS
1	The O2-ZmGRAS11 transcriptional regulatory network orchestrates the coordination of endosperm cell expansion and grain filling in maize. <i>Molecular Plant</i> , 2022, 15, 468-487.	8.3	25
2	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. <i>Plant Cell</i> , 2022, 34, 1933-1956.	6.6	16
3	The PGS1 basic helix-loop-helix protein regulates <i>FL3</i> to impact seed growth and grain yield in cereals. <i>Plant Biotechnology Journal</i> , 2022, 20, 1311-1326.	8.3	23
4	The B3 domain-containing transcription factor ZmABI19 coordinates expression of key factors required for maize seed development and grain filling. <i>Plant Cell</i> , 2021, 33, 104-128.	6.6	48
5	Transactivation of <i>Sus1</i> and <i>Sus2</i> by Opaque2 is an essential supplement to sucrose synthase-mediated endosperm filling in maize. <i>Plant Biotechnology Journal</i> , 2020, 18, 1897-1907.	8.3	48
6	EMB-7L is required for embryogenesis and plant development in maize involved in RNA splicing of multiple chloroplast genes. <i>Plant Science</i> , 2019, 287, 110203.	3.6	22
7	Maize VKS1 Regulates Mitosis and Cytokinesis During Early Endosperm Development. <i>Plant Cell</i> , 2019, 31, 1238-1256.	6.6	36
8	High frequency DNA rearrangement at <i>q1327</i> creates a novel allele for Quality Protein Maize breeding. <i>Communications Biology</i> , 2019, 2, 460.	4.4	7
9	Genome-wide analysis of the plant-specific PLATZ proteins in maize and identification of their general role in interaction with RNA polymerase III complex. <i>BMC Plant Biology</i> , 2018, 18, 221.	3.6	37
10	The Maize Imprinted Gene <i>Floury3</i> Encodes a PLATZ Protein Required for tRNA and 5S rRNA Transcription through Interaction with RNA Polymerase III. <i>Plant Cell</i> , 2017, 29, 2661-2675.	6.6	96
11	Quantitative Trait Locus Analysis for Deep-Sowing Germination Ability in the Maize IBM Syn10 DH Population. <i>Frontiers in Plant Science</i> , 2017, 8, 813.	3.6	44
12	Gene duplication confers enhanced expression of 27-kDa β -zein for endosperm modification in quality protein maize. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4964-4969.	7.1	67
13	<i>LjCYC</i> Genes Constitute Floral Dorsoventral Asymmetry in <i>Lotus japonicus</i> . <i>Journal of Integrative Plant Biology</i> , 2010, 52, 959-970.	8.5	29