

Jun Peng Zhan

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

423
citations

1307594

7
h-index

1474206

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18
all docs

18
docs citations

18
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	RNA Sequencing of Laser-Capture Microdissected Compartments of the Maize Kernel Identifies Regulatory Modules Associated with Endosperm Cell Differentiation. <i>Plant Cell</i> , 2015, 27, 513-531.	6.6	206
2	Opaque-2 Regulates a Complex Gene Network Associated with Cell Differentiation and Storage Functions of Maize Endosperm. <i>Plant Cell</i> , 2018, 30, 2425-2446.	6.6	83
3	<i>Rhizobium taibaishanense</i> sp. nov., isolated from a root nodule of <i>Kummerowia striata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 335-341.	1.7	36
4	Soybean DICER-LIKE2 Regulates Seed Coat Color via Production of Primary 22-Nucleotide Small Interfering RNAs from Long Inverted Repeats. <i>Plant Cell</i> , 2020, 32, 3662-3673.	6.6	35
5	Pre-meiotic 21-nucleotide reproductive phasiRNAs emerged in seed plants and diversified in flowering plants. <i>Nature Communications</i> , 2021, 12, 4941.	12.8	21
6	RNA-Seq analysis of laser-capture microdissected cells of the developing central starchy endosperm of maize. <i>Genomics Data</i> , 2014, 2, 242-245.	1.3	13
7	Maize opaque mutants are no longer so opaque. <i>Plant Reproduction</i> , 2018, 31, 319-326.	2.2	12
8	Double triage to identify poorly annotated genes in maize: The missing link in community curation. <i>PLoS ONE</i> , 2019, 14, e0224086.	2.5	10
9	A Hub of Hubs: The Central Role of ZmABI19 in the Regulatory Network of Maize Grain Filling. <i>Plant Cell</i> , 2021, 33, 9-10.	6.6	2
10	Get out and stay out: spatiotemporally regulated miR398 biogenesis enables proper ovule development. <i>Plant Cell</i> , 0, , .	6.6	1
11	RDR6 Is Essential for Double-Strand Break Formation during Male Meiosis in Rice. <i>Plant Cell</i> , 2020, 32, 3053-3054.	6.6	0
12	Drawing In the Net: 45 Maize Gene Regulatory Networks from More Than 6,000 RNA-Seq Samples. <i>Plant Cell</i> , 2020, 32, 1338-1339.	6.6	0
13	Pol IV Function is Differentially Essential within the Brassicaceae. <i>Plant Cell</i> , 2020, 32, 791-792.	6.6	0
14	Ubiquitination-dependent degradation of MEL1 is critical for microsporogenesis. <i>Plant Cell</i> , 2021, 33, 2515-2516.	6.6	0
15	The Way Out: A Transcriptionally Unique Group of Endosperm Cells Implicated in Nutrient Export to the Embryo. <i>Plant Cell</i> , 2020, 32, 781-782.	6.6	0
16	OUP accepted manuscript. <i>Plant Cell</i> , 2022, 34, 949-950.	6.6	0