

Weiwei Qi

List of Publications by Year in descending order

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27
papers

1,204
citations

471509

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526287

27
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all docs

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docs citations

28
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficiency CRISPR/Cas9 multiplex gene editing using the glycine tRNA-processing system-based strategy in maize. <i>BMC Biotechnology</i> , 2016, 16, 58.	3.3	162
2	Genome-Wide Characterization of <i>cis</i> -Acting DNA Targets Reveals the Transcriptional Regulatory Framework of <i>Opaque2</i> in Maize. <i>Plant Cell</i> , 2015, 27, 532-545.	6.6	130
3	<i>Dek35</i> Encodes a PPR Protein that Affects <i>cis</i> -Splicing of Mitochondrial <i>nad4</i> Intron 1 and Seed Development in Maize. <i>Molecular Plant</i> , 2017, 10, 427-441.	8.3	106
4	<i>OPAQUE11</i> Is a Central Hub of the Regulatory Network for Maize Endosperm Development and Nutrient Metabolism. <i>Plant Cell</i> , 2018, 30, 375-396.	6.6	103
5	Mitochondrial Function and Maize Kernel Development Requires <i>Dek2</i> , a Pentatricopeptide Repeat Protein Involved in <i>nad1</i> mRNA Splicing. <i>Genetics</i> , 2017, 205, 239-249.	2.9	82
6	The <i>ZmbZIP22</i> Transcription Factor Regulates 27-kD β -Zein Gene Transcription during Maize Endosperm Development. <i>Plant Cell</i> , 2018, 30, 2402-2424.	6.6	65
7	<i>ZmMADS47</i> Regulates Zein Gene Transcription through Interaction with <i>Opaque2</i> . <i>PLoS Genetics</i> , 2016, 12, e1005991.	3.5	62
8	Editing of Mitochondrial Transcripts <i>nad3</i> and <i>cox2</i> by <i>Dek10</i> Is Essential for Mitochondrial Function and Maize Plant Development. <i>Genetics</i> , 2017, 205, 1489-1501.	2.9	56
9	Maize <i>Dek37</i> Encodes a P-type PPR Protein That Affects <i>cis</i> -Splicing of Mitochondrial <i>nad2</i> Intron 1 and Seed Development. <i>Genetics</i> , 2018, 208, 1069-1082.	2.9	55
10	Identification and Characterization of Maize <i>floury4</i> as a Novel Semidominant <i>Opaque</i> Mutant That Disrupts Protein Body Assembly. <i>Plant Physiology</i> , 2014, 165, 582-594.	4.8	52
11	Maize <i>opaque10</i> Encodes a Cereal-Specific Protein That Is Essential for the Proper Distribution of Zeins in Endosperm Protein Bodies. <i>PLoS Genetics</i> , 2016, 12, e1006270.	3.5	43
12	Maize <i>reas1</i> Mutant Stimulates Ribosome Use Efficiency and Triggers Distinct Transcriptional and Translational Responses. <i>Plant Physiology</i> , 2016, 170, 971-988.	4.8	41
13	<i>Dek42</i> encodes an RNA-binding protein that affects alternative pre-mRNA splicing and maize kernel development. <i>Journal of Integrative Plant Biology</i> , 2019, 61, 728-748.	8.5	38
14	Maize <i>Dek15</i> Encodes the Cohesin-Loading Complex Subunit <i>SCC4</i> and Is Essential for Chromosome Segregation and Kernel Development. <i>Plant Cell</i> , 2019, 31, 465-485.	6.6	35
15	Maize pentatricopeptide repeat protein <i>DEK41</i> affects <i>cis</i> -splicing of mitochondrial <i>nad4</i> intron 3 and is required for normal seed development. <i>Journal of Experimental Botany</i> , 2019, 70, 3795-3808.	4.8	35
16	Maize <i>Dek44</i> Encodes Mitochondrial Ribosomal Protein <i>L9</i> and Is Required for Seed Development. <i>Plant Physiology</i> , 2019, 180, 2106-2119.	4.8	28
17	A <i>SnRK1-ZmRFWD3-Opaque2</i> Signaling Axis Regulates Diurnal Nitrogen Accumulation in Maize Seeds. <i>Plant Cell</i> , 2020, 32, 2823-2841.	6.6	22
18	Maize <i>Dek33</i> encodes a pyrimidine reductase in riboflavin biosynthesis that is essential for oil-body formation and ABA biosynthesis during seed development. <i>Journal of Experimental Botany</i> , 2019, 70, 5173-5187.	4.8	16

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19	Maize pentatricopeptide repeat protein DEK53 is required for mitochondrial RNA editing at multiple sites and seed development. <i>Journal of Experimental Botany</i> , 2020, 71, 6246-6261.	4.8	16
20	<i>ENB1</i> encodes a cellulose synthase 5 that directs synthesis of cell wall ingrowths in maize basal endosperm transfer cells. <i>Plant Cell</i> , 2022, 34, 1054-1074.	6.6	13
21	<i>shrunken4</i> is a mutant allele of <i>ZmYSL2</i> that affects aleurone development and starch synthesis in maize. <i>Genetics</i> , 2021, 218, .	2.9	12
22	Comparative Study between the CRISPR/Cpf1 (Cas12a) and CRISPR/Cas9 Systems for Multiplex Gene Editing in Maize. <i>Agriculture (Switzerland)</i> , 2021, 11, 429.	3.1	11
23	Maize ZmVPP5 is a truncated Vacuole H ⁺ ATPase that confers hypersensitivity to salt stress. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 518-528.	8.5	7
24	Accumulation of 22 kDa Î±-zein mediated nonzein protein in protein body of maize endosperm. <i>New Phytologist</i> , 2022, 233, 265-281.	7.3	5
25	<i>Lactobacillus paracasei</i> BD5115-Derived 2-Hydroxy-3-Methylbutyric Acid Promotes Intestinal Epithelial Cells Proliferation by Upregulating the MYC Signaling Pathway. <i>Frontiers in Nutrition</i> , 2022, 9, 799053.	3.7	4
26	Pollen-Specific CRISPR/Cas9 System to Increase Heritable Gene Mutations in Maize. <i>Agriculture (Switzerland)</i> , 2021, 11, 751.	3.1	3
27	Establishment of a Bivector Genetic Transformation System in Recalcitrant Maize Inbred Lines. <i>Agriculture (Switzerland)</i> , 2021, 11, 663.	3.1	1