

# Ming Zheng

## List of Publications by Year in descending order

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28  
papers

1,146  
citations

394421

19  
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501196

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29  
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29  
docs citations

29  
times ranked

1443  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated omics analysis reveals the gene expression profiles of maize, castor bean, and rapeseed for seed oil biosynthesis. <i>BMC Plant Biology</i> , 2022, 22, 153.	3.6	6
2	Integrated strategies for increasing rapeseed yield. <i>Trends in Plant Science</i> , 2022, 27, 742-745.	8.8	16
3	Integrating unconditional and conditional QTLs to dissect the genetic basis of stem mechanical strength in <i>Brassica napus</i> L. <i>Euphytica</i> , 2021, 217, 1.	1.2	6
4	Hypothalamic and ovarian transcriptome profiling reveals potential candidate genes in low and high egg production of white Muscovy ducks ( <i>Cairina moschata</i> ). <i>Poultry Science</i> , 2021, 100, 101310.	3.4	31
5	CRISPR/Cas9-targeted mutagenesis of the <i>BnaA03.BP</i> gene confers semi-dwarf and compact architecture to rapeseed ( <i>Brassica napus</i> L.). <i>Plant Biotechnology Journal</i> , 2021, 19, 2383-2385.	8.3	26
6	Genomic insights into the origin, domestication and diversification of <i>Brassica juncea</i> . <i>Nature Genetics</i> , 2021, 53, 1392-1402.	21.4	66
7	Knockout of two <i>BnaMAX1</i> homologs by CRISPR/Cas9-targeted mutagenesis improves plant architecture and increases yield in rapeseed ( <i>Brassica napus</i> L.). <i>Plant Biotechnology Journal</i> , 2020, 18, 644-654.	8.3	117
8	Accurate Detection and Evaluation of the Gene-Editing Frequency in Plants Using Droplet Digital PCR. <i>Frontiers in Plant Science</i> , 2020, 11, 610790.	3.6	24
9	Fine-mapping and transcriptome analysis of a candidate gene controlling plant height in <i>Brassica napus</i> L. <i>Biotechnology for Biofuels</i> , 2020, 13, 42.	6.2	25
10	<i>OsPEX5</i> regulates rice spikelet development through modulating jasmonic acid biosynthesis. <i>New Phytologist</i> , 2019, 224, 712-724.	7.3	36
11	Genome-wide identification of stress-associated proteins (SAP) with A20/AN1 zinc finger domains associated with abiotic stresses responses in <i>Brassica napus</i> . <i>Environmental and Experimental Botany</i> , 2019, 165, 108-119.	4.2	34
12	Three <i>BnaIAA7</i> homologs are involved in auxin/brassinosteroid-mediated plant morphogenesis in rapeseed ( <i>Brassica napus</i> L.). <i>Plant Cell Reports</i> , 2019, 38, 883-897.	5.6	25
13	Genome-wide haplotype analysis improves trait predictions in <i>Brassica napus</i> hybrids. <i>Plant Science</i> , 2019, 283, 157-164.	3.6	26
14	A Critical Role of <i>OsMADS1</i> in the Development of the Body of the Palea in Rice. <i>Journal of Plant Biology</i> , 2018, 61, 11-24.	2.1	8
15	Isolation and characterization of a spotted leaf 32 mutant with early leaf senescence and enhanced defense response in rice. <i>Scientific Reports</i> , 2017, 7, 41846.	3.3	37
16	A putative plastidial adenine nucleotide transporter, <i>BRITTLE1-3</i> , plays an essential role in regulating chloroplast development in rice ( <i>Oryza sativa</i> L.). <i>Journal of Plant Biology</i> , 2017, 60, 493-505.	2.1	2
17	Genome-Wide Association Study Reveals Candidate Genes for Control of Plant Height, Branch Initiation Height and Branch Number in Rapeseed ( <i>Brassica napus</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 1246.	3.6	63
18	A rice White-stripe leaf3 ( <i>wsl3</i> ) mutant lacking an HD domain-containing protein affects chlorophyll biosynthesis and chloroplast development. <i>Journal of Plant Biology</i> , 2016, 59, 282-292.	2.1	14

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19	The <i>RICE MINUTE-LIKE1</i> ( <i>RML1</i> ) gene, encoding a ribosomal large subunit protein L3B, regulates leaf morphology and plant architecture in rice. <i>Journal of Experimental Botany</i> , 2016, 67, 3457-3469.	4.8	32
20	CRL6, a member of the CHD protein family, is required for crown root development in rice. <i>Plant Physiology and Biochemistry</i> , 2016, 105, 185-194.	5.8	42
21	WHITE PANICLE1, a Val-tRNA Synthetase Regulating Chloroplast Ribosome Biogenesis in Rice, Is Essential for Early Chloroplast Development. <i>Plant Physiology</i> , 2016, 170, 2110-2123.	4.8	74
22	<i>DEFORMED FLORAL ORGAN1</i> ( <i>DFO1</i> ) regulates floral organ identity by epigenetically repressing the expression of <i>OsMADS58</i> in rice ( <i>Oryza sativa</i> ). <i>New Phytologist</i> , 2015, 206, 1476-1490.	7.3	56
23	MicroRNA-23b Promotes Avian Leukosis Virus Subgroup J (ALV-J) Replication by Targeting IRF1. <i>Scientific Reports</i> , 2015, 5, 10294.	3.3	63
24	Dwarf and tiller-enhancing 1 regulates growth and development by influencing boron uptake in boron limited conditions in rice. <i>Plant Science</i> , 2015, 236, 18-28.	3.6	19
25	Overexpression of OsZHD1, a zinc finger homeodomain class homeobox transcription factor, induces abaxially curled and drooping leaf in rice. <i>Planta</i> , 2014, 239, 803-816.	3.2	65
26	<i>FLOURY ENDOSPERM6</i> encodes a CBM48 domain-containing protein involved in compound granule formation and starch synthesis in rice endosperm. <i>Plant Journal</i> , 2014, 77, 917-930.	5.7	185
27	Gene SGL, encoding a kinesin-like protein with transactivation activity, is involved in grain length and plant height in rice. <i>Plant Cell Reports</i> , 2014, 33, 235-244.	5.6	32
28	Green-revertible Chlorina 1 ( <i>grc1</i> ) is required for the biosynthesis of chlorophyll and the early development of chloroplasts in rice. <i>Journal of Plant Biology</i> , 2013, 56, 326-335.	2.1	16