

Mingyong Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	miR2105 and the kinase OsSAPK10 co-regulate OsbZIP86 to mediate drought-induced ABA biosynthesis in rice. <i>Plant Physiology</i> , 2022, 189, 889-905.	4.8	20
2	An Integrative Transcriptomic and Metabolomic Analysis of Red Pitaya (<i>Hylocereus polyrhizus</i>) Seedlings in Response to Heat Stress. <i>Genes</i> , 2021, 12, 1714.	2.4	7
3	An AP2/ERF Gene, HuERF1, from Pitaya (<i>Hylocereus undatus</i>) Positively Regulates Salt Tolerance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4586.	4.1	17
4	Obtusifoliol 14 β -demethylase OsCYP51G1 is involved in phytosterol synthesis and affects pollen and seed development. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 91-96.	2.1	7
5	CRISPR/Cas9-mediated mutation of OsSWEET14 in rice cv. Zhonghua11 confers resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> without yield penalty. <i>BMC Plant Biology</i> , 2020, 20, 313.	3.6	62
6	A Rice Autophagy Gene OsATG8b Is Involved in Nitrogen Remobilization and Control of Grain Quality. <i>Frontiers in Plant Science</i> , 2020, 11, 588.	3.6	38
7	<i>Arabidopsis</i> Histone Methyltransferase SUVH5 Is a Positive Regulator of Light-Mediated Seed Germination. <i>Frontiers in Plant Science</i> , 2019, 10, 841.	3.6	22
8	RNA-Seq De Novo Assembly of Red Pitaya (<i>Hylocereus polyrhizus</i>) Roots and Differential Transcriptome Analysis in Response to Salt Stress. <i>Tropical Plant Biology</i> , 2019, 12, 55-66.	1.9	13
9	RNA \u00e9 seq-based selection of reference genes for RT \u00e9 PCR analysis of pitaya. <i>FEBS Open Bio</i> , 2019, 9, 1403-1412.	2.3	15
10	Formation of Protein Disulfide Bonds Catalyzed by OsPDIL1;1 is Mediated by MicroRNA5144-3p in Rice. <i>Plant and Cell Physiology</i> , 2018, 59, 331-342.	3.1	31
11	Mitochondrial ABC Transporter ATM3 Is Essential for Cytosolic Iron-Sulfur Cluster Assembly. <i>Plant Physiology</i> , 2017, 173, 2096-2109.	4.8	28
12	Aromatic dipeptide Trp \u00e9 Ala can be transported by <i>Arabidopsis</i> peptide transporters AtPTR1 and AtPTR5. <i>Channels</i> , 2017, 11, 383-387.	2.8	2
13	Overexpressing osa-miR171c decreases salt stress tolerance in rice. <i>Journal of Plant Biology</i> , 2017, 60, 485-492.	2.1	23
14	The Rice Peptide Transporter OsNPF7.3 Is Induced by Organic Nitrogen, and Contributes to Nitrogen Allocation and Grain Yield. <i>Frontiers in Plant Science</i> , 2017, 8, 1338.	3.6	74
15	Knock-Down of a Tonoplast Localized Low-Affinity Nitrate Transporter OsNPF7.2 Affects Rice Growth under High Nitrate Supply. <i>Frontiers in Plant Science</i> , 2016, 7, 1529.	3.6	48
16	MicroRNA393 is involved in nitrogen-promoted rice tillering through regulation of auxin signal transduction in axillary buds. <i>Scientific Reports</i> , 2016, 6, 32158.	3.3	44
17	Disruption of the rice nitrate transporter OsNPF2.2 hinders root-to-shoot nitrate transport and vascular development. <i>Scientific Reports</i> , 2015, 5, 9635.	3.3	90
18	<i>OsWS1</i> involved in cuticular wax biosynthesis is regulated by <i>osa-miR1848</i> . <i>Plant, Cell and Environment</i> , 2015, 38, 2662-2673.	5.7	35

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19	Rice microRNA osa-miR1848 targets the obtusifoliol 14-methylase gene <i>OsCYP51G3</i> and mediates the biosynthesis of phytosterols and brassinosteroids during development and in response to stress. <i>New Phytologist</i> , 2015, 208, 790-802.	7.3	81
20	Rice osa-miR171c Mediates Phase Change from Vegetative to Reproductive Development and Shoot Apical Meristem Maintenance by Repressing Four OsHAM Transcription Factors. <i>PLoS ONE</i> , 2015, 10, e0125833.	2.5	61
21	A unified nomenclature of NITRATE TRANSPORTER 1/PEPTIDE TRANSPORTER family members in plants. <i>Trends in Plant Science</i> , 2014, 19, 5-9.	8.8	581
22	Functional Conservation and Divergence of Four Ginger AP1/AGL9 MADS-Box Genes Revealed by Analysis of Their Expression and Protein-Protein Interaction, and Ectopic Expression of AhFUL Gene in Arabidopsis. <i>PLoS ONE</i> , 2014, 9, e114134.	2.5	13
23	Altered expression of the <i>PTR/NRT1</i> homologue <i>OsPTR9</i> affects nitrogen utilization efficiency, growth and grain yield in rice. <i>Plant Biotechnology Journal</i> , 2013, 11, 446-458.	8.3	131
24	Molecular Hydrogen Is Involved in Phytohormone Signaling and Stress Responses in Plants. <i>PLoS ONE</i> , 2013, 8, e71038.	2.5	78
25	Evolutionary expansion and functional diversification of oligopeptide transporter gene family in rice. <i>Rice</i> , 2012, 5, 12.	4.0	17
26	OsTIR1 and OsAFB2 Downregulation via OsmiR393 Overexpression Leads to More Tillers, Early Flowering and Less Tolerance to Salt and Drought in Rice. <i>PLoS ONE</i> , 2012, 7, e30039.	2.5	281
27	Genome-Wide Identification, Classification, and Expression Analysis of Autophagy-Associated Gene Homologues in Rice (<i>Oryza sativa</i> L.). <i>DNA Research</i> , 2011, 18, 363-377.	3.4	133
28	Identification of thirteen up-expressed sequence tags from <i>Monascus pilosus</i> mutant MK-1. <i>African Journal of Microbiology Research</i> , 2011, 5, .	0.4	0
29	Identification and analysis of eight peptide transporter homologs in rice. <i>Plant Science</i> , 2010, 179, 374-382.	3.6	57
30	Identification of a cerulenin resistance gene from <i>Monascus pilosus</i> . <i>DNA Sequence</i> , 2007, 18, 68-72.	0.7	1