

# Mingyong Zhang

## List of Publications by Year in descending order

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30  
papers

2,011  
citations

394421

19  
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477307

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32  
all docs

32  
docs citations

32  
times ranked

2595  
citing authors

#	ARTICLE	IF	CITATIONS
1	A unified nomenclature of NITRATE TRANSPORTER 1/PEPTIDE TRANSPORTER family members in plants. Trends in Plant Science, 2014, 19, 5-9.	8.8	581
2	OsTIR1 and OsAFB2 Downregulation via OsmiR393 Overexpression Leads to More Tillers, Early Flowering and Less Tolerance to Salt and Drought in Rice. PLoS ONE, 2012, 7, e30039.	2.5	281
3	Genome-Wide Identification, Classification, and Expression Analysis of Autophagy-Associated Gene Homologues in Rice ( <i>Oryza sativa</i> L.). DNA Research, 2011, 18, 363-377.	3.4	133
4	Altered expression of the <i>OsPTR9</i> homologue affects nitrogen utilization efficiency, growth and grain yield in rice. Plant Biotechnology Journal, 2013, 11, 446-458.	8.3	131
5	Disruption of the rice nitrate transporter OsNPF2.2 hinders root-to-shoot nitrate transport and vascular development. Scientific Reports, 2015, 5, 9635.	3.3	90
6	Rice microRNA osa-miR1848 targets the obtusifolioside methylase gene <i>OsCYP51G3</i> and mediates the biosynthesis of phytosterols and brassinosteroids during development and in response to stress. New Phytologist, 2015, 208, 790-802.	7.3	81
7	Molecular Hydrogen Is Involved in Phytohormone Signaling and Stress Responses in Plants. PLoS ONE, 2013, 8, e71038.	2.5	78
8	The Rice Peptide Transporter OsNPF7.3 Is Induced by Organic Nitrogen, and Contributes to Nitrogen Allocation and Grain Yield. Frontiers in Plant Science, 2017, 8, 1338.	3.6	74
9	CRISPR/Cas9-mediated mutation of OsSWEET14 in rice cv. Zhonghua11 confers resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> without yield penalty. BMC Plant Biology, 2020, 20, 313.	3.6	62
10	Rice osa-miR171c Mediates Phase Change from Vegetative to Reproductive Development and Shoot Apical Meristem Maintenance by Repressing Four OsHAM Transcription Factors. PLoS ONE, 2015, 10, e0125833.	2.5	61
11	Identification and analysis of eight peptide transporter homologs in rice. Plant Science, 2010, 179, 374-382.	3.6	57
12	Knock-Down of a Tonoplast Localized Low-Affinity Nitrate Transporter OsNPF7.2 Affects Rice Growth under High Nitrate Supply. Frontiers in Plant Science, 2016, 7, 1529.	3.6	48
13	MicroRNA393 is involved in nitrogen-promoted rice tillering through regulation of auxin signal transduction in axillary buds. Scientific Reports, 2016, 6, 32158.	3.3	44
14	A Rice Autophagy Gene OsATG8b Is Involved in Nitrogen Remobilization and Control of Grain Quality. Frontiers in Plant Science, 2020, 11, 588.	3.6	38
15	<i>OsWS1</i> involved in cuticular wax biosynthesis is regulated by <i>osa-miR1848</i> . Plant, Cell and Environment, 2015, 38, 2662-2673.	5.7	35
16	Formation of Protein Disulfide Bonds Catalyzed by OsPDIL1;1 is Mediated by MicroRNA5144-3p in Rice. Plant and Cell Physiology, 2018, 59, 331-342.	3.1	31
17	Mitochondrial ABC Transporter ATM3 Is Essential for Cytosolic Iron-Sulfur Cluster Assembly. Plant Physiology, 2017, 173, 2096-2109.	4.8	28
18	Overexpressing osa-miR171c decreases salt stress tolerance in rice. Journal of Plant Biology, 2017, 60, 485-492.	2.1	23

#	ARTICLE	IF	CITATIONS
19	Arabidopsis Histone Methyltransferase SUVH5 Is a Positive Regulator of Light-Mediated Seed Germination. <i>Frontiers in Plant Science</i> , 2019, 10, 841.	3.6	22
20	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
21	Evolutionary expansion and functional diversification of oligopeptide transporter gene family in rice. <i>Rice</i> , 2012, 5, 12.	4.0	17
22	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
23	RNA-seq based selection of reference genes for RT-qPCR analysis of pitaya. <i>FEBS Open Bio</i> , 2019, 9, 1403-1412.	2.3	15
24	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
25	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
26	Obtusifoliol 14 $\alpha$ -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
27	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
28	Aromatic dipeptide Trp-Ala can be transported by <i>Arabidopsis</i> peptide transporters AtPTR1 and AtPTR5. <i>Channels</i> , 2017, 11, 383-387.	2.8	2
29	Identification of a cerulenin resistance gene from <i>Monascus pilosus</i> . <i>DNA Sequence</i> , 2007, 18, 68-72.	0.7	1
30	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