

Hude Mao

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

920
citations

840776

11
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Variation in cis-regulation of a NAC transcription factor contributes to drought tolerance in wheat. <i>Molecular Plant</i> , 2022, 15, 276-292.	8.3	78
2	Genome-wide analysis of trehalose-6-phosphate phosphatases (TPP) gene family in wheat indicates their roles in plant development and stress response. <i>BMC Plant Biology</i> , 2022, 22, 120.	3.6	17
3	The wheat ABA receptor gene <i>TaPYL1</i> contributes to drought tolerance and grain yield by increasing water-use efficiency. <i>Plant Biotechnology Journal</i> , 2022, 20, 846-861.	8.3	55
4	Genome-wide association study revealed <i>TaHKK3</i> as a candidate gene controlling stomatal index in wheat seedlings. <i>Plant, Cell and Environment</i> , 2022, 45, 2306-2323.	5.7	7
5	The miR319/TaGAMYB3 module regulates plant architecture and improves grain yield in common wheat (<i>Triticum aestivum</i>). <i>New Phytologist</i> , 2022, 235, 1515-1530.	7.3	12
6	Overexpression of the wheat NAC transcription factor TaSNAC4-3A gene confers drought tolerance in transgenic Arabidopsis. <i>Plant Physiology and Biochemistry</i> , 2021, 160, 37-50.	5.8	26
7	A Deep Learning-Based Method for Automatic Assessment of Stomatal Index in Wheat Microscopic Images of Leaf Epidermis. <i>Frontiers in Plant Science</i> , 2021, 12, 716784.	3.6	13
8	Regulatory changes in <i>TaSNAC8</i> are associated with drought tolerance in wheat seedlings. <i>Plant Biotechnology Journal</i> , 2020, 18, 1078-1092.	8.3	73
9	Genetic variation in <i>ZmTIP1</i> contributes to root hair elongation and drought tolerance in maize. <i>Plant Biotechnology Journal</i> , 2020, 18, 1271-1283.	8.3	85
10	Genome-wide analysis of the AREB/ABF gene lineage in land plants and functional analysis of TaABF3 in Arabidopsis. <i>BMC Plant Biology</i> , 2020, 20, 558.	3.6	11
11	Characterization of wheat homeodomain-leucine zipper family genes and functional analysis of TaHDZ5-6A in drought tolerance in transgenic Arabidopsis. <i>BMC Plant Biology</i> , 2020, 20, 50.	3.6	27
12	ZmNAC55, a maize stress-responsive NAC transcription factor, confers drought resistance in transgenic Arabidopsis. <i>Plant Physiology and Biochemistry</i> , 2016, 105, 55-66.	5.8	85
13	Molecular evolution and gene expression differences within the HD-Zip transcription factor family of <i>Zea mays</i> L.. <i>Genetica</i> , 2016, 144, 243-257.	1.1	38
14	A transposable element in a NAC gene is associated with drought tolerance in maize seedlings. <i>Nature Communications</i> , 2015, 6, 8326.	12.8	392