

Ze Wu

List of Publications by Year in descending order

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22
papers

413
citations

1040056

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Chrysanthemum embryo development is negatively affected by a novel ERF transcription factor, CmERF12. <i>Journal of Experimental Botany</i> , 2022, 73, 197-212.	4.8	5
2	The <i>GATA</i> factor <i>HANABA TARANU</i> promotes runner formation by regulating axillary bud initiation and outgrowth in cultivated strawberry. <i>Plant Journal</i> , 2022, 110, 1237-1254.	5.7	8
3	Overexpression of a novel heat-inducible ethylene-responsive factor gene LIERF110 from <i>Lilium longiflorum</i> decreases thermotolerance. <i>Plant Science</i> , 2022, 319, 111246.	3.6	10
4	Starch Degradation and Sucrose Accumulation of Lily Bulbs after Cold Storage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4366.	4.1	7
5	Time-Course Transcriptomic Profiling of Floral Induction in Cultivated Strawberry. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6126.	4.1	5
6	LWRKY39 is involved in thermotolerance by activating LMBF1c and interacting with LCaM3 in lily (<i>Lilium longiflorum</i>). <i>Horticulture Research</i> , 2021, 8, 36.	6.3	42
7	A novel R2R3-MYB transcription factor LMYB305 from <i>Lilium longiflorum</i> plays a positive role in thermotolerance via activating heat-protective genes. <i>Environmental and Experimental Botany</i> , 2021, 184, 104399.	4.2	24
8	The transcription factor CmLEC1 positively regulates the seed-setting rate in hybridization breeding of chrysanthemum. <i>Horticulture Research</i> , 2021, 8, 191.	6.3	2
9	A Novel Lateral Organ Boundary-domain Factor CmLBD2 Positively Regulates Pollen Development by Activating <i>CmACOS5</i> in <i>Chrysanthemum morifolium</i> . <i>Plant and Cell Physiology</i> , 2021, 62, 1687-1701.	3.1	6
10	A Novel R2R3-MYB Gene LoMYB33 From Lily Is Specifically Expressed in Anthers and Plays a Role in Pollen Development. <i>Frontiers in Plant Science</i> , 2021, 12, 730007.	3.6	7
11	Characterization and functional analysis of LoUDT1, a bHLH transcription factor related to anther development in the lily oriental hybrid Siberia (<i>Lilium</i> spp.). <i>Plant Physiology and Biochemistry</i> , 2021, 166, 1087-1095.	5.8	8
12	Transcriptome and Metabolome Analyses Provide Insights into the Stomium Degeneration Mechanism in Lily. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12124.	4.1	5
13	Strawberry FaNAC2 Enhances Tolerance to Abiotic Stress by Regulating Proline Metabolism. <i>Plants</i> , 2020, 9, 1417.	3.5	8
14	Alternative Splicing Provides a Mechanism to Regulate LHSFA3 Function in Response to Heat Stress in Lily. <i>Plant Physiology</i> , 2019, 181, 1651-1667.	4.8	41
15	Analysis of Pollen Allergens in Lily by Transcriptome and Proteome Data. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5892.	4.1	9
16	Transcriptome Profiling Unravels a Vital Role of Pectin and Pectinase in Anther Dehiscence in <i>Chrysanthemum</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5865.	4.1	6
17	Cytological and Molecular Characteristics of Pollen Abortion in Lily with Dysplastic Tapetum. <i>Horticultural Plant Journal</i> , 2019, 5, 281-294.	5.0	21
18	Overexpression of lily HsfA3s in <i>Arabidopsis</i> confers increased thermotolerance and salt sensitivity via alterations in proline catabolism. <i>Journal of Experimental Botany</i> , 2018, 69, 2005-2021.	4.8	61

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19	A Canonical DREB2-Type Transcription Factor in Lily Is Post-translationally Regulated and Mediates Heat Stress Response. <i>Frontiers in Plant Science</i> , 2018, 9, 243.	3.6	36
20	Characterization and Functional Analysis of Transcription Factor LoMYB80 Related to Anther Development in Lily (<i>Lilium Oriental</i> Hybrids). <i>Journal of Plant Growth Regulation</i> , 2015, 34, 545-557.	5.1	26
21	LHSFA1, a novel heat stress transcription factor in lily (<i>Lilium longiflorum</i>), can interact with LHSFA2 and enhance the thermotolerance of transgenic <i>Arabidopsis thaliana</i> . <i>Plant Cell Reports</i> , 2014, 33, 1519-1533.	5.6	61
22	Involvement of Ca ²⁺ and CaM3 in Regulation of Thermotolerance in Lily (<i>Lilium longiflorum</i>). <i>Plant Molecular Biology Reporter</i> , 2013, 31, 1293-1304.	1.8	15