

Nianjun Teng

List of Publications by Year in descending order

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39
papers

1,031
citations

471061

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433756

31
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41
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41
docs citations

41
times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated CO ₂ induces physiological, biochemical and structural changes in leaves of <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2006, 172, 92-103.	3.5	302
2	Awns play a dominant role in carbohydrate production during the grain-filling stages in wheat (<i>Triticum aestivum</i>). <i>Physiologia Plantarum</i> , 2006, 127, 701-709.	2.6	92
3	Transcriptomic and Metabolomic Analysis of the Heat-Stress Response of <i>Populus tomentosa</i> Carr.. <i>Forests</i> , 2019, 10, 383.	0.9	48
4	Intergeneric hybridization and relationship of genera within the tribe Anthemideae Cass. (L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 T 133-140.	0.6	42
5	L1WRKY39 is involved in thermotolerance by activating LIMBF1c and interacting with L1CaM3 in lily (<i>Lilium longiflorum</i>). <i>Horticulture Research</i> , 2021, 8, 36.	2.9	42
6	Alternative Splicing Provides a Mechanism to Regulate LHSFA3 Function in Response to Heat Stress in Lily. <i>Plant Physiology</i> , 2019, 181, 1651-1667.	2.3	41
7	Effects of stem structure and cell wall components on bending strength in wheat. <i>Science Bulletin</i> , 2006, 51, 815-823.	4.3	36
8	Transcriptomic and proteomic analysis reveals mechanisms of embryo abortion during chrysanthemum cross breeding. <i>Scientific Reports</i> , 2015, 4, 6536.	1.6	36
9	Genome-wide DNA mutations in <i>Arabidopsis</i> plants after multigenerational exposure to high temperatures. <i>Genome Biology</i> , 2021, 22, 160.	3.8	35
10	Integrative Proteomic and Cytological Analysis of the Effects of Extracellular Ca ²⁺ Influx on <i>Pinus bungeana</i> Pollen Tube Development. <i>Journal of Proteome Research</i> , 2008, 7, 4299-4312.	1.8	34
11	Reproductive barriers in the intergeneric hybridization between <i>Chrysanthemum grandiflorum</i> (Ramat.) Kitam. and <i>Ajania przewalskii</i> Poljak. (Asteraceae). <i>Euphytica</i> , 2010, 174, 41-50.	0.6	33
12	No Detectable Maternal Effects of Elevated CO ₂ on <i>Arabidopsis thaliana</i> Over 15 Generations. <i>PLoS ONE</i> , 2009, 4, e6035.	1.1	26
13	A novel R2R3-MYB transcription factor L1MYB305 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.	2.0	24
14	Cytological and Molecular Characteristics of Pollen Abortion in Lily with Dysplastic Tapetum. <i>Horticultural Plant Journal</i> , 2019, 5, 281-294.	2.3	21
15	Identification of MicroRNAs and their Targets Associated with Embryo Abortion during <i>Chrysanthemum</i> Cross Breeding via High-Throughput Sequencing. <i>PLoS ONE</i> , 2015, 10, e0124371.	1.1	19
16	Flower morphologic anatomy and embryological characteristics in <i>Chrysanthemum multicaule</i> (Asteraceae). <i>Scientia Horticulturae</i> , 2010, 124, 500-505.	1.7	18
17	Identification of <i>Chrysanthemum</i> (<i>Chrysanthemum morifolium</i>) Self-Incompatibility. <i>Scientific World Journal</i> , The, 2014, 2014, 1-9.	0.8	17
18	Anther wall development, microsporogenesis and microgametogenesis in male fertile and sterile chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat., Asteraceae). <i>Scientia Horticulturae</i> , 2010, 126, 261-267.	1.7	12

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19	Chromosome doubling to overcome the chrysanthemum cross barrier based on insight from transcriptomic and proteomic analyses. <i>BMC Genomics</i> , 2016, 17, 585.	1.2	12
20	MicroRNA and Putative Target Discoveries in Chrysanthemum Polyploidy Breeding. <i>International Journal of Genomics</i> , 2017, 2017, 1-13.	0.8	12
21	Anatomical structure and gravitropic response of the creeping shoots of ground-cover chrysanthemum "Yuhujinhua"™. <i>Plant Growth Regulation</i> , 2008, 56, 141-150.	1.8	11
22	Investigation of Differences in Fertility among Progenies from Self-Pollinated Chrysanthemum. <i>International Journal of Molecular Sciences</i> , 2018, 19, 832.	1.8	11
23	Identification and Analysis of microRNAs in the SAM and Leaves of <i>Populus tomentosa</i> . <i>Forests</i> , 2019, 10, 130.	0.9	11
24	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.	1.7	10
25	Analysis of Pollen Allergens in Lily by Transcriptome and Proteome Data. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5892.	1.8	9
26	Cellular and molecular characteristics of pollen abortion in chrysanthemum cv. Kingfisher. <i>Plant Molecular Biology</i> , 2018, 98, 233-247.	2.0	8
27	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.	2.8	8
28	Limited DNA methylation variation and the transcription of MET1 and DDM1 in the genus <i>Chrysanthemum</i> (Asteraceae): following the track of polyploidy. <i>Frontiers in Plant Science</i> , 2015, 6, 668.	1.7	7
29	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.	1.7	7
30	Starch Degradation and Sucrose Accumulation of Lily Bulbs after Cold Storage. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4366.	1.8	7
31	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.	1.8	6
32	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.	1.5	6
33	Morphological and physiological differences between dehiscent and indehiscent anthers of <i>Chrysanthemum morifolium</i> . <i>Journal of Plant Research</i> , 2016, 129, 1069-1082.	1.2	5
34	<i>Chrysanthemum</i> embryo development is negatively affected by a novel ERF transcription factor, CmERF12. <i>Journal of Experimental Botany</i> , 2022, 73, 197-212.	2.4	5
35	Transcriptome and Metabolome Analyses Provide Insights into the Stomium Degeneration Mechanism in Lily. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12124.	1.8	5
36	The nature and genomic landscape of repetitive DNA classes in <i>Chrysanthemum nankingense</i> shows recent genomic changes. <i>Annals of Botany</i> , 2023, 131, 215-228.	1.4	5

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37	The transcription factor CmLEC1 positively regulates the seed-setting rate in hybridization breeding of chrysanthemum. Horticulture Research, 2021, 8, 191.	2.9	2
38	Screening and functional analysis of potential <i>S</i> genes in <i>Chrysanthemum morifolium</i> . Ornamental Plant Research, 2021, 1, 1-11.	0.2	1
39	High-efficiency <i>Agrobacterium</i> -mediated transformation of chrysanthemum via vacuum infiltration of internode. Ornamental Plant Research, 2022, 2, 1-7.	0.2	1