Gang Lu

List of Publications by Year
in descending order

28 papers	1,010 citations	394421 19 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	1244 citing authors

#	Article	IF	Citations
1	Phytochrome interacting factor 3 regulates pollen mitotic division through auxin signalling and sugar metabolism pathways in tomato. New Phytologist, 2022, 234, 560-577.	7.3	18
2	Mitogen-activated protein kinase 4 is obligatory for late pollen and early fruit development in tomato. Horticulture Research, 2022, 9, uhac048.	6.3	8
3	Long non-coding RNA transcriptome landscape of anthers at different developmental stages in response to drought stress in tomato. Genomics, 2022, 114, 110383.	2.9	17
4	Effects of Mulching on Early-Spring Green Asparagus Yield and Quality under Cultivation in Plastic Tunnels. Horticulturae, 2022, 8, 395.	2.8	4
5	The Arabidopsis SMALL AUXIN UP RNA32 Protein Regulates ABA-Mediated Responses to Drought Stress. Frontiers in Plant Science, 2021, 12, 625493.	3.6	44
6	PIF4 negatively modulates cold tolerance in tomato anthers via temperature-dependent regulation of tapetal cell death. Plant Cell, 2021, 33, 2320-2339.	6.6	27
7	RNA N6-Methyladenosine Responds to Low-Temperature Stress in Tomato Anthers. Frontiers in Plant Science, 2021, 12, 687826.	3.6	24
8	Morpho-Physiological and Transcriptome Changes in Tomato Anthers of Different Developmental Stages under Drought Stress. Cells, 2021, 10, 1809.	4.1	16
9	Melatonin Mitigates the Infection of Colletotrichum gloeosporioides via Modulation of the Chitinase Gene and Antioxidant Activity in Capsicum annuum L.. Antioxidants, 2021, 10, 7.	5.1	26
10	Chitinase Gene Positively Regulates Hypersensitive and Defense Responses of Pepper to Colletotrichum acutatum Infection. International Journal of Molecular Sciences, 2020, 21, 6624.	4.1	20
11	The CaChiVI2 Gene of Capsicum annuum L. Confers Resistance Against Heat Stress and Infection of Phytophthora capsici. Frontiers in Plant Science, 2020, 11, 219.	3.6	18
12	Tomato stigma exsertion induced by high temperature is associated with the jasmonate signalling pathway. Plant, Cell and Environment, 2019, 42, 1205-1221.	5.7	47
13	Evidence for a specific and critical role of mitogenâ€activated protein kinase 20 in uniâ€toâ€binucleate transition of microgametogenesis in tomato. New Phytologist, 2018, 219, 176-194.	7.3	49
14	Tomato AUXIN RESPONSE FACTOR 5 regulates fruit set and development via the mediation of auxin and gibberellin signaling. Scientific Reports, 2018, 8, 2971.	3.3	87
15	Identification and expression profiling of microRNAs involved in the stigma exsertion under high-temperature stress in tomato. BMC Genomics, 2017, 18, 843.	2.8	42
16	Genome-Wide Identification and Expression Analysis of Two-Component System Genes in Tomato. International Journal of Molecular Sciences, 2016, 17, 1204.	4.1	41
17	Downregulation of the mitogen-activated protein kinase SlMAPK7 gene results in pollen abortion in tomato. Plant Cell, Tissue and Organ Culture, 2016, 126, 79-92.	2.3	11
18	Identification of miRNAs and their targets through high-throughput sequencing and degradome analysis in male and female Asparagus officinalis. BMC Plant Biology, 2016, 16, 80.	3.6	31

#	Article	IF	Citations
19	Genome-wide identification of MAPK, MAPKK, and MAPKKK gene families and transcriptional profiling analysis during development and stress response in cucumber. BMC Genomics, 2015, 16, 386.	2.8	128
20	In vitro propagation of Caralluma tuberculata and evaluation of antioxidant potential. Biologia (Poland), 2014, 69, 341-349.	1.5	28
21	Genome-wide identification and transcriptional profiling analysis of auxin response-related gene families in cucumber. BMC Research Notes, 2014, 7, 218.	1.4	34
22	Genome-Wide Identification of MAPKK and MAPKKK Gene Families in Tomato and Transcriptional Profiling Analysis during Development and Stress Response. PLoS ONE, 2014, 9, e103032.	2.5	108
23	Mapping QTLs for root morphological traits inBrassica rapa L. based on AFLP and RAPD markers. Journal of Applied Genetics, 2008, 49, 23-31.	1.9	33
24	Effect of plant growth regulators, temperature and sucrose on shoot proliferation from the stem disc of Chinese jiaotou (Allium chinense) and in vitro bulblet formation. Acta Physiologiae Plantarum, 2008, 30, 521-528.	2.1	34
25	Seasonal variations in nutritional components of green asparagus using the mother fern cultivation. Scientia Horticulturae, 2007, 112, 251-257.	3.6	38
26	Agrobacterium tumefaciens-mediated transformation of Narcissus tazzeta var. chinensis. Plant Cell Reports, 2007, 26, 1585-1593.	5.6	16
27	Effect of radiation on regeneration of Chinese narcissus and analysis of genetic variation with AFLP and RAPD markers. Plant Cell, Tissue and Organ Culture, 2007, 88, 319-327.	2.3	27
28	Extraction of silicon from plant tissue with dilute HCl and HF and measurement by modified inductive coupled argon plasma procedures. Communications in Soil Science and Plant Analysis, 2002, 33, 1661-1670.	1.4	34