Xinmin An

List of Publications by Year
in descending order

28 papers	410 citations	759233 12 h-index	794594 19 g-index
30 all docs	30 docs citations	30 times ranked	489 citing authors

#	Article	IF	Citations
1	Identification and characterization of the Populus sucrose synthase gene family. Gene, 2014, 539, 58-67.	2.2	49
2	Genome-Wide Identification of the Invertase Gene Family in Populus. PLoS ONE, 2015, 10, e0138540.	2.5	48
3	A Global View of Transcriptome Dynamics During Male Floral Bud Development in Populus tomentosa. Scientific Reports, 2018, 8, 722.	3.3	39
4	<scp>RNA</scp> interference suppression of <scp>AGAMOUS</scp> and <scp>SEEDSTICK</scp> alters floral organ identity and impairs floral organ determinacy, ovule differentiation, and seedâ€hair development in Populus. New Phytologist, 2019, 222, 923-937.	7.3	24
5	Genetic containment in vegetatively propagated forest trees: CRISPR disruption of LEAFY function in Eucalyptus gives sterile indeterminate inflorescences and normal juvenile development. Plant Biotechnology Journal, 2021, 19, 1743-1755.	8.3	23
6	Characterization of two highly similar CBF/DREB1-like genes, PhCBF4a and PhCBF4b, in Populus hopeiensis. Plant Physiology and Biochemistry, 2014, 83, 107-116.	5.8	21
7	Genome-wide analysis of the MYB-related transcription factor family and associated responses to abiotic stressors in Populus. International Journal of Biological Macromolecules, 2021, 191, 359-376.	7.5	21
8	Study of seed hair growth in Populus tomentosa, an important character of female floral bud development. BMC Genomics, 2014, 15, 475.	2.8	20
9	Identification and characterization of the CONSTANS-like gene family and its expression profiling under light treatment in Populus. International Journal of Biological Macromolecules, 2020, 161, 999-1010.	7.5	20
10	High quality haplotypeâ€resolved genome assemblies of Populus tomentosa Carr., a stabilized interspecific hybrid species widespread in Asia. Molecular Ecology Resources, 2022, 22, 786-802.	4.8	19
11	Characterization and expression pattern of the trehalose-6-phosphate synthase and trehalose-6-phosphate phosphatase gene families in Populus. International Journal of Biological Macromolecules, 2021, 187, 9-23.	7.5	19
12	Variation in the Growth Traits and Wood Properties of Hybrid White Poplar Clones. Forests, 2015, 6, 1107-1120.	2.1	15
13	Comparative genomic and phylogenetic analyses of Populus section Leuce using complete chloroplast genome sequences. Tree Genetics and Genomes, 2019, 15, 1.	1.6	15
14	Dynamic changes in the transcriptome of Populus hopeiensis in response to abscisic acid. Scientific Reports, 2017, 7, 42708.	3.3	11
15	Altered sucrose metabolism and plant growth in transgenic Populus tomentosa with altered sucrose synthase PtSS3. Transgenic Research, 2020, 29, 125-134.	2.4	11
16	Genome-wide analysis of the poplar NF-Y gene family and its expression in floral bud development of Populus tomentosa. Trees - Structure and Function, 2020, 34, 285-296.	1.9	9
17	High-Efficiency Somatic Embryogenesis from Seedlings of Koelreuteria paniculata Laxm.. Forests, 2018, 9, 769.	2.1	8
18	Unraveling the genetic diversity and structure ofQuercus liaotungensispopulation through analysis of microsatellite markers. PeerJ, 2021, 9, e10922.	2.0	8

#	Article	IF	Citations
19	Identification and Validation of Reliable Reference Genes for Gene Expression Studies in Koelreuteria paniculata. Genes, 2022, 13, 714.	2.4	6
20	Identification and expression analysis of APETALA1 homologues in poplar. Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	5
21	Dynamic transcriptomic analysis of the early response of female flowers of Populus albaâ€‰Ã—â€‰P. glandulosa to pollination. Scientific Reports, 2017, 7, 6048.	3.3	5
22	Adaptation by Type III CRISPR-Cas Systems: Breakthrough Findings and Open Questions. Frontiers in Microbiology, 2022, 13, 876174.	3.5	4
23	Comprehensive Analyses of Four PtoNF-YC Genes from Populus tomentosa and Impacts on Flowering Timing. International Journal of Molecular Sciences, 2022, 23, 3116.	4.1	3
24	Analysis of promoter activity of PtDrl02 gene in white poplars. Journal of Plant Biochemistry and Biotechnology, 2012, 21, 88-97.	1.7	2
25	A comprehensive gene network for fine tuning floral development in poplar. Genes and Genomics, 2017, 39, 793-803.	1.4	2
26	Cloning of an APETALA3 homologous gene (PtAP3) from Populus tomentosa and genetic transformation of its sense and anti-sense constructs in tobacco. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2006, 1, 404-412.	0.2	1
27	Prokaryotic expression analysis of an NBS-type PtDRG01 gene isolated from Populus tomentosa Carr.. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2009, 4, 216-222.	0.2	1
28	Expression profiling of NBS-encoding genes in a triploid white poplar. Journal of Plant Biochemistry and Biotechnology, 2015, 24, 283-291.	1.7	1