

Xinmin An

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

410
citations

759233

12
h-index

794594

19
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30
all docs

30
docs citations

30
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	High quality haplotype-resolved genome assemblies of <i>Populus tomentosa</i> Carr., a stabilized interspecific hybrid species widespread in Asia. <i>Molecular Ecology Resources</i> , 2022, 22, 786-802.	4.8	19
2	Comprehensive Analyses of Four PtoNF-YC Genes from <i>Populus tomentosa</i> and Impacts on Flowering Timing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3116.	4.1	3
3	Identification and Validation of Reliable Reference Genes for Gene Expression Studies in <i>Koelreuteria paniculata</i> . <i>Genes</i> , 2022, 13, 714.	2.4	6
4	Adaptation by Type III CRISPR-Cas Systems: Breakthrough Findings and Open Questions. <i>Frontiers in Microbiology</i> , 2022, 13, 876174.	3.5	4
5	Unraveling the genetic diversity and structure of <i>Quercus liaotungensis</i> population through analysis of microsatellite markers. <i>PeerJ</i> , 2021, 9, e10922.	2.0	8
6	Genetic containment in vegetatively propagated forest trees: CRISPR disruption of <i>LEAFY</i> function in <i>Eucalyptus</i> gives sterile indeterminate inflorescences and normal juvenile development. <i>Plant Biotechnology Journal</i> , 2021, 19, 1743-1755.	8.3	23
7	Characterization and expression pattern of the trehalose-6-phosphate synthase and trehalose-6-phosphate phosphatase gene families in <i>Populus</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 187, 9-23.	7.5	19
8	Genome-wide analysis of the MYB-related transcription factor family and associated responses to abiotic stressors in <i>Populus</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 191, 359-376.	7.5	21
9	Genome-wide analysis of the poplar NF-Y gene family and its expression in floral bud development of <i>Populus tomentosa</i> . <i>Trees - Structure and Function</i> , 2020, 34, 285-296.	1.9	9
10	Altered sucrose metabolism and plant growth in transgenic <i>Populus tomentosa</i> with altered sucrose synthase PtSS3. <i>Transgenic Research</i> , 2020, 29, 125-134.	2.4	11
11	Identification and characterization of the CONSTANS-like gene family and its expression profiling under light treatment in <i>Populus</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 161, 999-1010.	7.5	20
12	Comparative genomic and phylogenetic analyses of <i>Populus</i> section <i>Leuce</i> using complete chloroplast genome sequences. <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	1.6	15
13	RNA interference suppression of <i>AGAMOUS</i> and <i>SEEDSTICK</i> alters floral organ identity and impairs floral organ determinacy, ovule differentiation, and seed-chair development in <i>Populus</i> . <i>New Phytologist</i> , 2019, 222, 923-937.	7.3	24
14	A Global View of Transcriptome Dynamics During Male Floral Bud Development in <i>Populus tomentosa</i> . <i>Scientific Reports</i> , 2018, 8, 722.	3.3	39
15	High-Efficiency Somatic Embryogenesis from Seedlings of <i>Koelreuteria paniculata</i> Laxm.. <i>Forests</i> , 2018, 9, 769.	2.1	8
16	Dynamic changes in the transcriptome of <i>Populus hopeiensis</i> in response to abscisic acid. <i>Scientific Reports</i> , 2017, 7, 42708.	3.3	11
17	A comprehensive gene network for fine tuning floral development in poplar. <i>Genes and Genomics</i> , 2017, 39, 793-803.	1.4	2
18	Dynamic transcriptomic analysis of the early response of female flowers of <i>Populus alba</i> - <i>P. glandulosa</i> to pollination. <i>Scientific Reports</i> , 2017, 7, 6048.	3.3	5

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19	Variation in the Growth Traits and Wood Properties of Hybrid White Poplar Clones. <i>Forests</i> , 2015, 6, 1107-1120.	2.1	15
20	Genome-Wide Identification of the Invertase Gene Family in <i>Populus</i> . <i>PLoS ONE</i> , 2015, 10, e0138540.	2.5	48
21	Identification and expression analysis of APETALA1 homologues in poplar. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	5
22	Expression profiling of NBS-encoding genes in a triploid white poplar. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2015, 24, 283-291.	1.7	1
23	Characterization of two highly similar CBF/DREB1-like genes, PhCBF4a and PhCBF4b, in <i>Populus hopeiensis</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 83, 107-116.	5.8	21
24	Study of seed hair growth in <i>Populus tomentosa</i> , an important character of female floral bud development. <i>BMC Genomics</i> , 2014, 15, 475.	2.8	20
25	Identification and characterization of the <i>Populus</i> sucrose synthase gene family. <i>Gene</i> , 2014, 539, 58-67.	2.2	49
26	Analysis of promoter activity of PtDrl02 gene in white poplars. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 88-97.	1.7	2
27	Prokaryotic expression analysis of an NBS-type PtDRG01 gene isolated from <i>Populus tomentosa</i> Carr.. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2009, 4, 216-222.	0.2	1
28	Cloning of an APETALA3 homologous gene (PtAP3) from <i>Populus tomentosa</i> and genetic transformation of its sense and anti-sense constructs in tobacco. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 404-412.	0.2	1