

# Xiaohua Su

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

297  
citations

1040056

9  
h-index

888059

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of Multiple Resistance Genes Enhances Tolerance to Environmental Stressors in Transgenic Poplar ( <i>Populus euramericana</i> Guariiento™). PLoS ONE, 2011, 6, e24614.	2.5	46
2	Patterns of DNA sequence variation at candidate gene loci in black poplar ( <i>Populus nigra</i> L.) as revealed by single nucleotide polymorphisms. Genetica, 2009, 137, 141-150.	1.1	33
3	Expression of Bt-Cry3A in transgenic <i>Populus alba</i> glandulosa and its effects on target and non-target pests and the arthropod community. Transgenic Research, 2011, 20, 523-532.	2.4	27
4	Fungal canker pathogens trigger carbon starvation by inhibiting carbon metabolism in poplar stems. Scientific Reports, 2019, 9, 10111.	3.3	24
5	Expression and Molecular Evolution of Two DREB1 Genes in Black Poplar ( <i>Populus nigra</i> ). PLoS ONE, 2014, 9, e98334.	2.5	24
6	Genetic diversity and population structure of black cottonwood ( <i>Populus deltoides</i> ) revealed using simple sequence repeat markers. BMC Genetics, 2020, 21, 2.	2.7	21
7	Overexpression of the novel <i>Zygophyllum xanthoxylum</i> C2H2-type zinc finger gene ZxZF improves drought tolerance in transgenic <i>Arabidopsis</i> and poplar. Biologia (Poland), 2016, 71, 769-776.	1.5	17
8	Assessing bacterial communities in the rhizosphere of 8-year-old genetically modified poplar ( <i>Populus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	17
9	Proline-rich protein gene PdPRP regulates secondary wall formation in poplar. Journal of Plant Physiology, 2019, 233, 58-72.	3.5	15
10	Fungal pathogens of canker disease trigger canopy dieback in poplar saplings by inducing functional failure of the phloem and cambium and carbon starvation in the xylem. Physiological and Molecular Plant Pathology, 2020, 112, 101523.	2.5	12
11	Molecular cloning and functional analysis of the <i>Populus deltoides</i> remorin gene PdREM. Tree Physiology, 2013, 33, 1111-1121.	3.1	10
12	Identification of drought response genes in <i>Zygophyllum xanthoxylum</i> by suppression subtractive hybridization. Journal of Plant Biology, 2016, 59, 377-385.	2.1	9
13	Multiple transgenes <i>Populus xeuramericana</i> Guariiento™ plants obtained by biolistic bombardment. Science Bulletin, 2007, 52, 224-230.	1.7	8
14	No consistent daily variation in DNA methylation detected in <i>Populus nigra</i> leaves by methylation-sensitive amplification polymorphism analysis. Journal of Forestry Research, 2017, 28, 653-660.	3.6	6
15	Morphological and physiological plasticity response to low nitrogen stress in black cottonwood ( <i>Populus deltoides</i> Marsh.). Journal of Forestry Research, 2022, 33, 51-62.	3.6	6
16	Molecular detection and drought resistance analysis of SacB-transgenic poplars ( <i>Populus alba</i> P.) Tj ETQq0 0 0 rgBT /Overlock 10 T 226-231.	0.2	4
17	Small GTP-binding protein PdRanBP regulates vascular tissue development in poplar. BMC Genetics, 2016, 17, 96.	2.7	4
18	Functional Identification of Wood-property Candidate Gene PdCYTOB in <i>Populus deltoides</i> . Chinese Bulletin of Botany, 2011, 46, 642-651.	0.0	4

#	ARTICLE	IF	CITATIONS
19	Creation of elite growth and development features in PAP1-programmed red <i>Nicotiana tabacum</i> Xanthi via overexpression of synthetic geranyl pyrophosphate synthase genes. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	3
20	Morphological, physiological, and transcriptional responses to low nitrogen stress in <i>Populus deltoides</i> Marsh. clones with contrasting nitrogen use efficiency. <i>BMC Genomics</i> , 2021, 22, 697.	2.8	3
21	The importance of proleptic branch traits in biomass production of poplar in high-density plantations. <i>Journal of Forestry Research</i> , 2022, 33, 463-473.	3.6	2
22	Production of an epigenetic mutant population of <i>Populus nigra</i> : DNA methylation and phenotype analyses. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2021, 30, 354-363.	1.7	1
23	Waterlogging tolerance and wood properties of transgenic <i>Populus alba</i> – <i>glandulosa</i> expressing <i>Vitreoscilla</i> hemoglobin gene (Vgb). <i>Journal of Forestry Research</i> , 2021, 32, 831-839.	3.6	1
24	A cDNA microarray analysis of the molecular control of poplar wood properties. <i>Journal of Forestry Research</i> , 2017, 28, 71-82.	3.6	0