

# 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	Morphological and physiological plasticity response to low nitrogen stress in black cottonwood ( <i>Populus deltoides</i> Marsh.). <i>Journal of Forestry Research</i> , 2022, 33, 51-62.	3.6	6
2	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
3	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
4	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
5	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
6	Genetic diversity and population structure of black cottonwood ( <i>Populus deltoides</i> ) revealed using simple sequence repeat markers. <i>BMC Genetics</i> , 2020, 21, 2.	2.7	21
7	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. <i>Physiological and Molecular Plant Pathology</i> , 2020, 112, 101523.	2.5	12
8	Fungal canker pathogens trigger carbon starvation by inhibiting carbon metabolism in poplar stems. <i>Scientific Reports</i> , 2019, 9, 10111.	3.3	24
9	Creation of elite growth and development features in <i>PAP1</i> -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
10	Proline-rich protein gene PdPRP regulates secondary wall formation in poplar. <i>Journal of Plant Physiology</i> , 2019, 233, 58-72.	3.5	15
11	No consistent daily variation in DNA methylation detected in <i>Populus nigra</i> leaves by methylation-sensitive amplification polymorphism analysis. <i>Journal of Forestry Research</i> , 2017, 28, 653-660.	3.6	6
12	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
13	Overexpression of the novel <i>Zygophyllum xanthoxylum</i> C2H2-type zinc finger gene ZxZF improves drought tolerance in transgenic <i>Arabidopsis</i> and poplar. <i>Biologia (Poland)</i> , 2016, 71, 769-776.	1.5	17
14	Identification of drought response genes in <i>Zygophyllum xanthoxylum</i> by suppression subtractive hybridization. <i>Journal of Plant Biology</i> , 2016, 59, 377-385.	2.1	9
15	Small GTP-binding protein PdRanBP regulates vascular tissue development in poplar. <i>BMC Genetics</i> , 2016, 17, 96.	2.7	4
16	Assessing bacterial communities in the rhizosphere of 8-year-old genetically modified poplar ( <i>Populus</i> ) Tj ETQq0 0 QrgBT /Overlock 10 T	3.6	17
17	Expression and Molecular Evolution of Two DREB1 Genes in Black Poplar ( <i>Populus nigra</i> ). <i>PLoS ONE</i> , 2014, 9, e98334.	2.5	24
18	Molecular cloning and functional analysis of the <i>Populus deltoides</i> remorin gene PdREM. <i>Tree Physiology</i> , 2013, 33, 1111-1121.	3.1	10

#	ARTICLE	IF	CITATIONS
19	Expression of Multiple Resistance Genes Enhances Tolerance to Environmental Stressors in Transgenic Poplar ( <i>Populus × euramericana</i> “Guariento”™). PLoS ONE, 2011, 6, e24614.	2.5	46
20	Expression of Bt-Cry3A in transgenic <i>Populus alba</i> “P. glandulosa” and its effects on target and non-target pests and the arthropod community. Transgenic Research, 2011, 20, 523-532.	2.4	27
21	Functional Identification of Wood-property Candidate Gene <i>PdCYTOB</i> in <i>Populus deltoides</i> . Chinese Bulletin of Botany, 2011, 46, 642-651.	0.0	4
22	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
23	Molecular detection and drought resistance analysis of SacB-transgenic poplars ( <i>Populus alba</i> × <i>P. Tj</i> ETQq1 1 0.784314 rgBT /Over 226-231.	0.2	4
24	Multiple transgenes <i>Populus xeuramericana</i> “Guariento”™ plants obtained by biolistic bombardment. Science Bulletin, 2007, 52, 224-230.	1.7	8