Yuanzhong Jiang

List of Publications by Year
in descending order

23	864	516710 16	677142 22
papers	citations	h-index	g-index

23	23	23	847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular signatures of parallel adaptive divergence causing reproductive isolation and speciation across two genera. Innovation(China), 2022, 3, 100247.	9.1	4
2	Allelic shift in cis-elements of the transcription factor RAP2.12 underlies adaptation associated with humidity in Arabidopsis thaliana. Science Advances, 2022, 8, eabn8281.	10.3	15
3	One AP2/ERF Transcription Factor Positively Regulates Pi Uptake and Drought Tolerance in Poplar. International Journal of Molecular Sciences, 2022, 23, 5241.	4.1	10
4	PtoNF-YC9-SRMT-PtoRD26 module regulates the high saline tolerance of a triploid poplar. Genome Biology, 2022, 23, .	8.8	10
5	The PalWRKY77 transcription factor negatively regulates salt tolerance and abscisic acid signaling in Populus. Plant Journal, 2021, 105, 1258-1273.	5.7	49
6	Hybrid speciation via inheritance of alternate alleles of parental isolating genes. Molecular Plant, 2021, 14, 208-222.	8.3	68
7	WRKY33 interacts with WRKY12 protein to upâ€regulate RAP2.2 during submergence induced hypoxia response in Arabidopsis thaliana. New Phytologist, 2021, 229, 106-125.	7.3	71
8	CHYR1 ubiquitinates the phosphorylated WRKY70 for degradation to balance immunity in Arabidopsis thaliana. New Phytologist, 2021, 230, 1095-1109.	7.3	22
9	The ubiquitin E3 ligase SR1 modulates the submergence response by degrading phosphorylated WRKY33 in Arabidopsis. Plant Cell, 2021, 33, 1771-1789.	6.6	34
10	The Uâ€box E3 ubiquitin ligase PalPUB79 positively regulates ABAâ€dependent drought tolerance via ubiquitination of PalWRKY77 in Populus. Plant Biotechnology Journal, 2021, 19, 2561-2575.	8.3	26
11	Genome-Wide Analysis of the Homeobox Gene Family and Identification of Drought-Responsive Members in Populus trichocarpa. Plants, 2021, 10, 2284.	3.5	4
12	Transcriptional landscape of highly lignified poplar stems at single-cell resolution. Genome Biology, 2021, 22, 319.	8.8	47
13	The poplar R2R3 MYB transcription factor PtrMYB94 coordinates with abscisic acid signaling to improve drought tolerance in plants. Tree Physiology, 2020, 40, 46-59.	3.1	35
14	Heterologous Expression of Poplar WRKY18/35 Paralogs in Arabidopsis Reveals Their Antagonistic Regulation on Pathogen Resistance and Abiotic Stress Tolerance via Variable Hormonal Pathways. International Journal of Molecular Sciences, 2020, 21, 5440.	4.1	9
15	The PalERF109 transcription factor positively regulates salt tolerance via PalHKT1;2 in Populus alba var. pyramidalis. Tree Physiology, 2020, 40, 717-730.	3.1	22
16	The complete chloroplast genome sequence of Olmediella betschleriana and its phylogenetic analysis. Mitochondrial DNA Part B: Resources, 2019, 4, 521-522.	0.4	0
17	The WRKY transcription factors PtrWRKY18 and PtrWRKY35 promote Melampsora resistance in Populus. Tree Physiology, 2017, 37, 665-675.	3.1	49
18	Overexpression of Poplar PtrWRKY89 in Transgenic Arabidopsis Leads to a Reduction of Disease Resistance by Regulating Defense-Related Genes in Salicylate- and Jasmonate-Dependent Signaling. PLoS ONE, 2016, 11, e0149137.	2.5	33

#	Article	IF	Citations
19	PtrWRKY19, a novel WRKY transcription factor, contributes to the regulation of pith secondary wall formation in Populus trichocarpa. Scientific Reports, 2016, 6, 18643.	3.3	65
20	Isolation and characterization of a subgroup IIa WRKY transcription factor PtrWRKY40 fromPopulus trichocarpa. Tree Physiology, 2015, 35, 1129-1139.	3.1	55
21	Genome-wide identification and characterization of the Populus WRKY transcription factor family and analysis of their expression in response to biotic and abiotic stresses. Journal of Experimental Botany, 2014, 65, 6629-6644.	4.8	186
22	Constitutive expression of the poplar WRKY transcription factor PtoWRKY60 enhances resistance to Dothiorella gregaria Sacc. in transgenic plants. Tree Physiology, 2014, 34, 1118-1129.	3.1	26
23	Heterologous gene silencing induced by tobacco rattle virus (TRV) is efficient for pursuing functional genomics studies in woody plants. Plant Cell, Tissue and Organ Culture, 2014, 116, 163-174.	2.3	24