

Yuanzhong Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

864
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516710

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times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide identification and characterization of the <i>Populus</i> WRKY transcription factor family and analysis of their expression in response to biotic and abiotic stresses. <i>Journal of Experimental Botany</i> , 2014, 65, 6629-6644.	4.8	186
2	WRKY33 interacts with WRKY12 protein to up-regulate <i>RAP2.2</i> during submergence induced hypoxia response in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2021, 229, 106-125.	7.3	71
3	Hybrid speciation via inheritance of alternate alleles of parental isolating genes. <i>Molecular Plant</i> , 2021, 14, 208-222.	8.3	68
4	PtrWRKY19, a novel WRKY transcription factor, contributes to the regulation of pith secondary wall formation in <i>Populus trichocarpa</i> . <i>Scientific Reports</i> , 2016, 6, 18643.	3.3	65
5	Isolation and characterization of a subgroup IIa WRKY transcription factor PtrWRKY40 from <i>Populus trichocarpa</i> . <i>Tree Physiology</i> , 2015, 35, 1129-1139.	3.1	55
6	The WRKY transcription factors PtrWRKY18 and PtrWRKY35 promote <i>Melampsora</i> resistance in <i>Populus</i> . <i>Tree Physiology</i> , 2017, 37, 665-675.	3.1	49
7	The PalWRKY77 transcription factor negatively regulates salt tolerance and abscisic acid signaling in <i>Populus</i> . <i>Plant Journal</i> , 2021, 105, 1258-1273.	5.7	49
8	Transcriptional landscape of highly lignified poplar stems at single-cell resolution. <i>Genome Biology</i> , 2021, 22, 319.	8.8	47
9	The poplar R2R3 MYB transcription factor PtrMYB94 coordinates with abscisic acid signaling to improve drought tolerance in plants. <i>Tree Physiology</i> , 2020, 40, 46-59.	3.1	35
10	The ubiquitin E3 ligase SR1 modulates the submergence response by degrading phosphorylated WRKY33 in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2021, 33, 1771-1789.	6.6	34
11	Overexpression of Poplar PtrWRKY89 in Transgenic <i>Arabidopsis</i> Leads to a Reduction of Disease Resistance by Regulating Defense-Related Genes in Salicylate- and Jasmonate-Dependent Signaling. <i>PLoS ONE</i> , 2016, 11, e0149137.	2.5	33
12	Constitutive expression of the poplar WRKY transcription factor PtoWRKY60 enhances resistance to <i>Dothiorella gregaria</i> Sacc. in transgenic plants. <i>Tree Physiology</i> , 2014, 34, 1118-1129.	3.1	26
13	The E3 ubiquitin ligase PalPUB79 positively regulates ABA-dependent drought tolerance via ubiquitination of PalWRKY77 in <i>Populus</i> . <i>Plant Biotechnology Journal</i> , 2021, 19, 2561-2575.	8.3	26
14	Heterologous gene silencing induced by tobacco rattle virus (TRV) is efficient for pursuing functional genomics studies in woody plants. <i>Plant Cell, Tissue and Organ Culture</i> , 2014, 116, 163-174.	2.3	24
15	The PalERF109 transcription factor positively regulates salt tolerance via PalHKT1;2 in <i>Populus alba</i> var. <i>pyramidalis</i> . <i>Tree Physiology</i> , 2020, 40, 717-730.	3.1	22
16	CHYR1 ubiquitinates the phosphorylated WRKY70 for degradation to balance immunity in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2021, 230, 1095-1109.	7.3	22
17	Allelic shift in cis-elements of the transcription factor <i>RAP2.12</i> underlies adaptation associated with humidity in <i>Arabidopsis thaliana</i> . <i>Science Advances</i> , 2022, 8, eabn8281.	10.3	15
18	One AP2/ERF Transcription Factor Positively Regulates Pi Uptake and Drought Tolerance in Poplar. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5241.	4.1	10

#	ARTICLE	IF	CITATIONS
19	PtoNF-YC9-SRMT-PtoRD26 module regulates the high saline tolerance of a triploid poplar. <i>Genome Biology</i> , 2022, 23, .	8.8	10
20	Heterologous Expression of Poplar WRKY18/35 Paralogs in Arabidopsis Reveals Their Antagonistic Regulation on Pathogen Resistance and Abiotic Stress Tolerance via Variable Hormonal Pathways. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5440.	4.1	9
21	Genome-Wide Analysis of the Homeobox Gene Family and Identification of Drought-Responsive Members in <i>Populus trichocarpa</i> . <i>Plants</i> , 2021, 10, 2284.	3.5	4
22	Molecular signatures of parallel adaptive divergence causing reproductive isolation and speciation across two genera. <i>Innovation(China)</i> , 2022, 3, 100247.	9.1	4
23	The complete chloroplast genome sequence of <i>Olmediella betschleriana</i> and its phylogenetic analysis. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 521-522.	0.4	0