

Yan Xia

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Physiological and transcription analyses reveal the regulatory mechanism of melatonin in inducing drought resistance in loquat (<i>Eriobotrya japonica</i> Lindl.) seedlings. <i>Environmental and Experimental Botany</i> , 2021, 181, 104291.	4.2	54
2	Proteomic analysis of stress-related proteins and metabolic pathways in <i>Picea asperata</i> somatic embryos during partial desiccation. <i>Plant Biotechnology Journal</i> , 2017, 15, 27-38.	8.3	37
3	Melatonin treatment maintains quality and delays lignification in loquat fruit during cold storage. <i>Scientia Horticulturae</i> , 2021, 284, 110126.	3.6	37
4	Integrated metabolic profiling and transcriptome analysis of pigment accumulation in <i>Lonicera japonica</i> flower petals during colour-transition. <i>BMC Plant Biology</i> , 2021, 21, 98.	3.6	36
5	Identification of novel miRNAs and miRNA expression profiling in embryogenic tissues of <i>Picea balfouriana</i> treated by 6-benzylaminopurine. <i>PLoS ONE</i> , 2017, 12, e0176112.	2.5	36
6	Ectopic expression of a <i>Catalpa bungei</i> (Bignoniaceae) PISTILLATA homologue rescues the petal and stamen identities in <i>Arabidopsis</i> pi-1 mutant. <i>Plant Science</i> , 2015, 231, 40-51.	3.6	34
7	A WRKY Transcription Factor, EJWRKY17, from <i>Eriobotrya japonica</i> Enhances Drought Tolerance in Transgenic <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 5593.	4.1	27
8	An Integrative Analysis of Transcriptome, Proteome and Hormones Reveals Key Differentially Expressed Genes and Metabolic Pathways Involved in Flower Development in Loquat. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5107.	4.1	22
9	Homeotic transformation from stamen to petal in <i>Eriobotrya japonica</i> is associated with hormone signal transduction and reduction of the transcriptional activity of <i>EJAG</i> .	5.2	16
10	Global Lysine Acetylome Analysis of Desiccated Somatic Embryos of <i>Picea asperata</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1927.	3.6	14
11	Plant regeneration of <i>Picea asperata</i> Mast. by somatic embryogenesis. <i>Trees - Structure and Function</i> , 2017, 31, 299-312.	1.9	9
12	Ectopic expression of an <i>Eriobotrya japonica</i> APETALA3 ortholog rescues the petal and stamen identities in <i>Arabidopsis</i> ap3-3 mutant. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 33-38.	2.1	8
13	EjFRI, FRIGIDA (FRI) Ortholog from <i>Eriobotrya japonica</i> , Delays Flowering in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1087.	4.1	8
14	Expression Pattern and Functional Characterization of PISTILLATA Ortholog Associated With the Formation of Petaloid Sepals in Double-Flower <i>Eriobotrya japonica</i> (Rosaceae). <i>Frontiers in Plant Science</i> , 2019, 10, 1685.	3.6	7
15	Comparative transcriptome analysis of flower bud transition and functional characterization of <i>EjAGL17</i> involved in regulating floral initiation in loquat. <i>PLoS ONE</i> , 2020, 15, e0239382.	2.5	6
16	PICEAdatabase: a web database for <i>Picea</i> omics and phenotypic information. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	3