

Lijun Chai

List of Publications by Year in descending order

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36
papers

1,342
citations

331670

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docs citations

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times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	The Citrus Transcription Factor CsMADS6 Modulates Carotenoid Metabolism by Directly Regulating Carotenogenic Genes. <i>Plant Physiology</i> , 2018, 176, 2657-2676.	4.8	184
2	An integrative analysis of the transcriptome and proteome of the pulp of a spontaneous late-ripening sweet orange mutant and its wild type improves our understanding of fruit ripening in citrus. <i>Journal of Experimental Botany</i> , 2014, 65, 1651-1671.	4.8	129
3	Natural Variation in CCD4 Promoter Underpins Species-Specific Evolution of Red Coloration in Citrus Peel. <i>Molecular Plant</i> , 2019, 12, 1294-1307.	8.3	102
4	Genome sequencing and CRISPR/Cas9 gene editing of an early flowering Mini-Citrus (<i>Citrus fortunei</i>). <i>Plant Biotechnology Journal</i> , 2019, 17, 2199-2210.	8.3	90
5	Evolution of self-compatibility by a mutant Sm-RNase in citrus. <i>Nature Plants</i> , 2020, 6, 131-142.	9.3	85
6	Transcriptome analysis of a spontaneous mutant in sweet orange [<i>Citrus sinensis</i> (L.) Osbeck] during fruit development. <i>Journal of Experimental Botany</i> , 2009, 60, 801-813.	4.8	68
7	Effects of exogenous abscisic acid on the expression of citrus fruit ripening-related genes and fruit ripening. <i>Scientia Horticulturae</i> , 2016, 201, 175-183.	3.6	60
8	Ethylene activation of carotenoid biosynthesis by a novel transcription factor CsERF061. <i>Journal of Experimental Botany</i> , 2021, 72, 3137-3154.	4.8	53
9	Comparative analysis of genetic diversity in Citrus germplasm collection using AFLP, SSAP, SAMPL and SSR markers. <i>Scientia Horticulturae</i> , 2011, 129, 798-803.	3.6	51
10	Exploiting BAC-end sequences for the mining, characterization and utility of new short sequences repeat (SSR) markers in Citrus. <i>Molecular Biology Reports</i> , 2012, 39, 5373-5386.	2.3	41
11	The Papaver Self-Incompatibility Pollen S-Determinant, PrpS, Functions in <i>Arabidopsis thaliana</i> . <i>Current Biology</i> , 2012, 22, 154-159.	3.9	40
12	Reproduction in woody perennial Citrus: an update on nucellar embryony and self-incompatibility. <i>Plant Reproduction</i> , 2018, 31, 43-57.	2.2	38
13	MAP Kinase PrMPK9-1 Contributes to the Self-Incompatibility Response. <i>Plant Physiology</i> , 2017, 174, 1226-1237.	4.8	35
14	CgSL2, an S-like RNase gene in 'Zigui shatian' pummelo (<i>Citrus grandis</i> Osbeck), is involved in ovary senescence. <i>Molecular Biology Reports</i> , 2011, 38, 1-8.	2.3	32
15	Self-sterility in the mutant 'Zigui shatian' pummelo (<i>Citrus grandis</i> Osbeck) is due to abnormal post-zygotic embryo development and not self-incompatibility. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 104, 1-11.	2.3	29
16	Selection of reliable reference genes for gene expression studies using quantitative real-time PCR in navel orange fruit development and pummelo floral organs. <i>Scientia Horticulturae</i> , 2014, 176, 180-188.	3.6	29
17	Genome-wide identification and functional analysis of S-RNase involved in the self-incompatibility of citrus. <i>Molecular Genetics and Genomics</i> , 2017, 292, 325-341.	2.1	29
18	SLAF-Based Construction of a High-Density Genetic Map and Its Application in QTL Mapping of Carotenoids Content in Citrus Fruit. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 994-1002.	5.2	27

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19	De Novo Transcriptome Assembly of Pummelo and Molecular Marker Development. <i>PLoS ONE</i> , 2015, 10, e0120615.	2.5	26
20	Isolation, Characterization, and Expression Analysis of an SKP1-like Gene from "Shatian" Pummelo (<i>Citrus grandis</i> Osbeck). <i>Plant Molecular Biology Reporter</i> , 2010, 28, 569-577.	1.8	25
21	Genetic diversity and phylogenetic relationships of citron (<i>Citrus medica</i> L.) and its relatives in southwest China. <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	22
22	Molecular analysis and expression of a floral organ-relative F-box gene isolated from "Zigui shatian" pummelo (<i>Citrus grandis</i> Osbeck). <i>Molecular Biology Reports</i> , 2011, 38, 4429-4436.	2.3	19
23	Structural variation and parallel evolution of apomixis in citrus during domestication and diversification. <i>National Science Review</i> , 2022, 9, .	9.5	19
24	Molecular phylogeography and population evolution analysis of <i>Citrus ichangensis</i> (Rutaceae). <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	15
25	Citrus transcription factor CsHB5 regulates abscisic acid biosynthetic genes and promotes senescence. <i>Plant Journal</i> , 2021, 108, 151-168.	5.7	15
26	Generation, functional analysis and utility of <i>Citrus grandis</i> EST from a flower-derived cDNA library. <i>Molecular Biology Reports</i> , 2012, 39, 7221-7235.	2.3	14
27	Transferability, polymorphism and effectiveness for genetic mapping of the Pummelo (<i>Citrus grandis</i>) Tj ETQq1 1 0.784314 rgBT /Over	3.6	14
28	Downregulated expression of <i>S2i>RNase</i> attenuates self-incompatibility in "Guiyou No. 1" pummelo. <i>Horticulture Research</i>, 2021, 8, 199.</i>	6.3	12
29	A Novel Citrus Rootstock Tolerant to Iron Deficiency in Calcareous Soil. <i>Journal of the American Society for Horticultural Science</i> , 2016, 141, 112-118.	1.0	12
30	Parentage analysis of natural citrus hybrid "Zhelong Zhoupigan" based on nuclear and chloroplast SSR markers. <i>Scientia Horticulturae</i> , 2015, 186, 24-30.	3.6	7
31	Storage with apple fruit to improve peel color and maintain freshness of Newhall navel orange. <i>Scientia Horticulturae</i> , 2021, 287, 110246.	3.6	6
32	Chlorophyll retention reduces storability and pathogen defense in a novel citrus brown flavedo mutant. <i>Postharvest Biology and Technology</i> , 2022, 192, 112006.	6.0	5
33	Genetic background of the citrus landrace "Huarongdao Zhoupigan" revealed by simple sequence repeat marker and genomic analyses. <i>Scientia Horticulturae</i> , 2021, 289, 110456.	3.6	3
34	Genetic Resources of Citrus and Related Genera. <i>Compendium of Plant Genomes</i> , 2020, , 23-31.	0.5	3
35	Citrus Reproductive Biology from Flowering to Fruiting. <i>Compendium of Plant Genomes</i> , 2020, , 167-176.	0.5	2
36	Description of a New Species of <i>Sulcospira</i> (Gastropoda: Pachychilidae) From Guangxi, China Based on Morphology and Molecular Evidence. <i>Zoological Science</i> , 2022, 39, 219-224.	0.7	1