

Liai Xu

List of Publications by Year in descending order

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14
papers

228
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1163117

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docs citations

14
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient genome editing of <i>Brassica campestris</i> based on the CRISPR/Cas9 system. <i>Molecular Genetics and Genomics</i> , 2019, 294, 1251-1261.	2.1	39
2	CircRNA Expression Pattern and ceRNA and miRNA-mRNA Networks Involved in Anther Development in the CMS Line of <i>Brassica campestris</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 4808.	4.1	34
3	Two Expansin Genes, AtEXPA4 and AtEXPB5, Are Redundantly Required for Pollen Tube Growth and AtEXPA4 Is Involved in Primary Root Elongation in <i>Arabidopsis thaliana</i> . <i>Genes</i> , 2021, 12, 249.	2.4	29
4	Dissecting the complex molecular evolution and expression of polygalacturonase gene family in <i>Brassica rapa</i> ssp. <i>chinensis</i> . <i>Plant Molecular Biology</i> , 2015, 89, 629-646.	3.9	28
5	Comparative transcriptome analysis and ChIP-sequencing reveals stage-specific gene expression and regulation profiles associated with pollen wall formation in <i>Brassica rapa</i> . <i>BMC Genomics</i> , 2019, 20, 264.	2.8	20
6	BcPME37c is involved in pollen intine formation in <i>Brassica campestris</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 63-68.	2.1	17
7	A comparative analysis of the evolution, expression, and cis-regulatory element of polygalacturonase genes in grasses and dicots. <i>Functional and Integrative Genomics</i> , 2016, 16, 641-656.	3.5	13
8	Overexpression of a stamen-specific R2R3-MYB gene BcMF28 causes aberrant stamen development in transgenic <i>Arabidopsis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 726-731.	2.1	10
9	BcMF30a and BcMF30c, Two Novel Non-Tandem CCCH Zinc-Finger Proteins, Function in Pollen Development and Pollen Germination in <i>Brassica campestris</i> ssp. <i>chinensis</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6428.	4.1	9
10	Complex Molecular Evolution and Expression of Expansin Gene Families in Three Basic Diploid Species of <i>Brassica</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 3424.	4.1	9
11	Overexpression of Two CCCH-type Zinc-Finger Protein Genes Leads to Pollen Abortion in <i>Brassica campestris</i> ssp. <i>chinensis</i> . <i>Genes</i> , 2020, 11, 1287.	2.4	7
12	AtC3H18L is a stop-codon read-through gene and encodes a novel non-tandem CCCH zinc-finger protein that can form cytoplasmic foci similar to mRNP granules. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 140-145.	2.1	7
13	Transcriptome Profiling Reveals Candidate Key Genes Involved in Sinigrin Biosynthesis in <i>Brassica nigra</i> . <i>Horticulturae</i> , 2021, 7, 173.	2.8	3
14	Highly Overexpressed AtC3H18 Impairs Microgametogenesis via Promoting the Continuous Assembly of mRNP Granules. <i>Frontiers in Plant Science</i> , 0, 13, .	3.6	3