

Chunbao Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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1163117

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14
docs citations

14
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic basis and adaptation trajectory of soybean from its temperate origin to tropics. <i>Nature Communications</i> , 2021, 12, 5445.	12.8	64
2	Identification and molecular mapping of Rps11, a novel gene conferring resistance to <i>Phytophthora sojae</i> in soybean. <i>Theoretical and Applied Genetics</i> , 2016, 129, 445-451.	3.6	54
3	Parallel selection of distinct Tof5 alleles drove the adaptation of cultivated and wild soybean to high latitudes. <i>Molecular Plant</i> , 2022, 15, 308-321.	8.3	48
4	Generation of male-sterile soybean lines with the CRISPR/Cas9 system. <i>Crop Journal</i> , 2021, 9, 1270-1277.	5.2	27
5	Comparative transcriptome analysis of flower heterosis in two soybean F1 hybrids by RNA-seq. <i>PLoS ONE</i> , 2017, 12, e0181061.	2.5	24
6	MS1 is essential for male fertility by regulating the microsporocyte cell plate expansion in soybean. <i>Science China Life Sciences</i> , 2021, 64, 1533-1545.	4.9	17
7	A single nucleotide polymorphism in an R2R3 MYB transcription factor gene triggers the male sterility in soybean ms6 (Ames1). <i>Theoretical and Applied Genetics</i> , 2021, 134, 3661-3674.	3.6	13
8	<i>MALE STERILITY 3</i> encodes a plant homeodomain finger protein for male fertility in soybean. <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1076-1086.	8.5	13
9	Sequencing of the chloroplast genomes of cytoplasmic male-sterile and male-fertile lines of soybean and identification of polymorphic markers. <i>Plant Science</i> , 2014, 229, 208-214.	3.6	12
10	Isolation and characterization of a novel glycogen synthase kinase-3 gene, GmGSK, in <i>Glycine max</i> L. that enhances abiotic stress tolerance in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2010, 32, 861-866.	2.2	9
11	Identification of a Candidate restorer-of-fertility Gene Rf3 Encoding a Pentatricopeptide Repeat Protein for the Cytoplasmic Male Sterility in Soybean. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5388.	4.1	5
12	MicroRNAs Involved in Regulatory Cytoplasmic Male Sterility by Analysis RNA-seq and Small RNA-seq in Soybean. <i>Frontiers in Genetics</i> , 2021, 12, 654146.	2.3	4
13	Cytoplasm Types Affect DNA Methylation among Different Cytoplasmic Male Sterility Lines and Their Maintainer Line in Soybean (<i>Glycine max</i> L.). <i>Plants</i> , 2020, 9, 385.	3.5	2