

Xiaowen Shi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

551
citations

759233

12
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of aneuploidy of a non-essential chromosome on gene expression in maize. <i>Plant Journal</i> , 2022, 110, 193-211.	5.7	8
2	Dosage-sensitive miRNAs trigger modulation of gene expression during genomic imbalance in maize. <i>Nature Communications</i> , 2022, 13, .	12.8	1
3	Genomic imbalance determines positive and negative modulation of gene expression in diploid maize. <i>Plant Cell</i> , 2021, 33, 917-939.	6.6	22
4	DeepGRN: prediction of transcription factor binding site across cell-types using attention-based deep neural networks. <i>BMC Bioinformatics</i> , 2021, 22, 38.	2.6	35
5	Predominantly inverse modulation of gene expression in genomically unbalanced disomic haploid maize. <i>Plant Cell</i> , 2021, 33, 901-916.	6.6	22
6	Sequence of the supernumerary B chromosome of maize provides insight into its drive mechanism and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25
7	GNET2: an R package for constructing gene regulatory networks from transcriptomic data. <i>Bioinformatics</i> , 2020, 37, 2068-2069.	4.1	1
8	An empirical bayesian approach for testing gene expression fold change and its application in detecting global dosage effects. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqaa072.	3.2	0
9	Magnitude of modulation of gene expression in aneuploid maize depends on the extent of genomic imbalance. <i>Journal of Genetics and Genomics</i> , 2020, 47, 93-103.	3.9	15
10	The Gene Balance Hypothesis: Epigenetics and Dosage Effects in Plants. <i>Methods in Molecular Biology</i> , 2020, 2093, 161-171.	0.9	14
11	Global impacts of chromosomal imbalance on gene expression in <i>Arabidopsis</i> and other taxa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11321-E11330.	7.1	51
12	ORRM5, an RNA recognition motif-containing protein, has a unique effect on mitochondrial RNA editing. <i>Journal of Experimental Botany</i> , 2017, 68, 2833-2847.	4.8	30
13	Functional diversity of <i>Arabidopsis</i> organelle-localized <i>scp</i> RNA recognition motif-containing proteins. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1420.	6.4	12
14	Whole-transcriptome RNA-seq, gene set enrichment pathway analysis, and exon coverage analysis of two plastid RNA editing mutants. <i>Plant Signaling and Behavior</i> , 2017, 12, e1312242.	2.4	5
15	An Organelle RNA Recognition Motif Protein is Required for Photosynthetic Subunit <i>psbF</i> Transcript Editing. <i>Plant Physiology</i> , 2017, 173, pp.01623.2016.	4.8	33
16	RNA Recognition Motif-Containing Protein ORRM4 Broadly Affects Mitochondrial RNA Editing and Impacts Plant Development and Flowering. <i>Plant Physiology</i> , 2016, 170, 294-309.	4.8	65
17	Organelle RNA recognition motif-containing (ORRM) proteins are plastid and mitochondrial editing factors in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2016, 11, e1167299.	2.4	37
18	A Zinc Finger Motif-Containing Protein Is Essential for Chloroplast RNA Editing. <i>PLoS Genetics</i> , 2015, 11, e1005028.	3.5	99

#	ARTICLE	IF	CITATIONS
19	Two RNA recognition motif-containing proteins are plant mitochondrial editing factors. <i>Nucleic Acids Research</i> , 2015, 43, 3814-3825.	14.5	55
20	Protection against Autoimmune Diabetes by Silkworm-Produced GFP-Tagged CTB-Insulin Fusion Protein. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-14.	3.3	12