

Xiaowen Shi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/733190/publications.pdf>

Version: 2024-02-01

20
papers

551
citations

759233

12
h-index

794594

19
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21
all docs

21
docs citations

21
times ranked

490
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Zinc Finger Motif-Containing Protein Is Essential for Chloroplast RNA Editing. <i>PLoS Genetics</i> , 2015, 11, e1005028. | 3.5 | 99 |
| 2 | 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 |
| 3 | Two RNA recognition motif-containing proteins are plant mitochondrial editing factors. <i>Nucleic Acids Research</i> , 2015, 43, 3814-3825. | 14.5 | 55 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | An Organelle RNA Recognition Motif Protein is Required for Photosynthetic Subunit psbF Transcript Editing. <i>Plant Physiology</i> , 2017, 173, pp.01623.2016. | 4.8 | 33 |
| 8 | 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 |
| 9 | 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 |
| 10 | Genomic imbalance determines positive and negative modulation of gene expression in diploid maize. <i>Plant Cell</i> , 2021, 33, 917-939. | 6.6 | 22 |
| 11 | Predominantly inverse modulation of gene expression in genomically unbalanced disomic haploid maize. <i>Plant Cell</i> , 2021, 33, 901-916. | 6.6 | 22 |
| 12 | 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 |
| 13 | The Gene Balance Hypothesis: Epigenetics and Dosage Effects in Plants. <i>Methods in Molecular Biology</i> , 2020, 2093, 161-171. | 0.9 | 14 |
| 14 | 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 |
| 15 | Functional diversity of <i>Arabidopsis</i> organelle-localized RNA recognition motif-containing proteins. <i>Wiley Interdisciplinary Reviews RNA</i> , 2017, 8, e1420. | 6.4 | 12 |
| 16 | Effect of aneuploidy of a non-essential chromosome on gene expression in maize. <i>Plant Journal</i> , 2022, 110, 193-211. | 5.7 | 8 |
| 17 | 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 |
| 18 | GNET2: an R package for constructing gene regulatory networks from transcriptomic data. <i>Bioinformatics</i> , 2020, 37, 2068-2069. | 4.1 | 1 |

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|----|---|------|-----------|
| 19 | Dosage-sensitive miRNAs trigger modulation of gene expression during genomic imbalance in maize. Nature Communications, 2022, 13, . | 12.8 | 1 |
| 20 | An empirical bayesian approach for testing gene expression fold change and its application in detecting global dosage effects. NAR Genomics and Bioinformatics, 2020, 2, lqaa072. | 3.2 | 0 |