

Cheng-Jun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,417
citations

623734

14
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501196

28
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30
all docs

30
docs citations

30
times ranked

2102
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid evolution of T2/S-RNase genes in <i>Fragaria</i> linked to multiple transitions from self-incompatibility to self-compatibility. <i>Plant Diversity</i> , 2023, 45, 219-228.	3.7	3
2	Temporal regulation of alternative splicing events in rice memory under drought stress. <i>Plant Diversity</i> , 2022, 44, 116-125.	3.7	10
3	Gene fusion as an important mechanism to generate new genes in the genus <i>Oryza</i> . <i>Genome Biology</i> , 2022, 23, .	8.8	7
4	Genetic innovations: Transposable element recruitment and de novo formation lead to the birth of orphan genes in the rice genome. <i>Journal of Systematics and Evolution</i> , 2021, 59, 341-351.	3.1	14
5	The new chimeric chiron genes evolved essential roles in zebrafish embryonic development by regulating NAD+ levels. <i>Science China Life Sciences</i> , 2021, 64, 1929-1948.	4.9	6
6	The <i>Rhododendron</i> Plant Genome Database (RPGD): a comprehensive online omics database for <i>Rhododendron</i> . <i>BMC Genomics</i> , 2021, 22, 376.	2.8	16
7	High-quality evergreen azalea genome reveals tandem duplication-facilitated low-altitude adaptability and floral scent evolution. <i>Plant Biotechnology Journal</i> , 2021, 19, 2544-2560.	8.3	35
8	New Genes Interacted With Recent Whole-Genome Duplicates in the Fast Stem Growth of Bamboos. <i>Molecular Biology and Evolution</i> , 2021, 38, 5752-5768.	8.9	28
9	Rapid Genome Evolution and Adaptation of <i>Thlaspi arvense</i> Mediated by Recurrent RNA-Based and Tandem Gene Duplications. <i>Frontiers in Plant Science</i> , 2021, 12, 772655.	3.6	8
10	Divergence and hybridization in the desert plant <i>Reaumuria soongarica</i> . <i>Journal of Systematics and Evolution</i> , 2020, 58, 159-173.	3.1	5
11	Alternative splicing coupled to nonsense-mediated mRNA decay contributes to the high-altitude adaptation of maca (<i>Lepidium meyenii</i>). <i>Gene</i> , 2019, 694, 7-18.	2.2	10
12	Rapid evolution of protein diversity by de novo origination in <i>Oryza</i> . <i>Nature Ecology and Evolution</i> , 2019, 3, 679-690.	7.8	121
13	Physiological and Transcriptome Analyses Reveal Short-Term Responses and Formation of Memory Under Drought Stress in Rice. <i>Frontiers in Genetics</i> , 2019, 10, 55.	2.3	114
14	Evolutionary patterns of chimeric retrogenes in <i>Oryza</i> species. <i>Scientific Reports</i> , 2019, 9, 17733.	3.3	3
15	Genomes of 13 domesticated and wild rice relatives highlight genetic conservation, turnover and innovation across the genus <i>Oryza</i> . <i>Nature Genetics</i> , 2018, 50, 285-296.	21.4	413
16	A survey of transcriptome complexity in <i>Sus scrofa</i> using single-molecule long-read sequencing. <i>DNA Research</i> , 2018, 25, 421-437.	3.4	83
17	Population size may shape the accumulation of functional mutations following domestication. <i>BMC Evolutionary Biology</i> , 2018, 18, 4.	3.2	15
18	Global transcriptome analysis reveals extensive gene remodeling, alternative splicing and differential transcription profiles in non-seed vascular plant <i>Selaginella moellendorffii</i> . <i>BMC Genomics</i> , 2017, 18, 1042.	2.8	34

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19	The draft genome assembly of <i>Rhododendron delavayi</i> Franch. var. <i>delavayi</i> . <i>GigaScience</i> , 2017, 6, 1-11.	6.4	64
20	Origination and Establishment of a Trigenic Reproductive Isolation System in Rice. <i>Molecular Plant</i> , 2016, 9, 1542-1545.	8.3	18
21	Evolutionary Character of Alternative Splicing in Plants. <i>Bioinformatics and Biology Insights</i> , 2015, 9s1, BBI.S33716.	2.0	51
22	Evolution of Gene Structural Complexity: An Alternative-Splicing-Based Model Accounts for Intron-Containing Retrogenes. <i>Plant Physiology</i> , 2014, 165, 412-423.	4.8	19
23	gKaKs: the pipeline for genome-level Ka/Ks calculation. <i>Bioinformatics</i> , 2013, 29, 645-646.	4.1	47
24	Natural variation in <i>Ghd7.1</i> plays an important role in grain yield and adaptation in rice. <i>Cell Research</i> , 2013, 23, 969-971.	12.0	222
25	High Occurrence of Functional New Chimeric Genes in Survey of Rice Chromosome 3 Short Arm Genome Sequences. <i>Genome Biology and Evolution</i> , 2013, 5, 1038-1048.	2.5	11
26	Complex evolution of <i>S5</i> , a major reproductive barrier regulator, in the cultivated rice <i>Oryza sativa</i> and its wild relatives. <i>New Phytologist</i> , 2011, 191, 275-287.	7.3	33
27	Dynamic programming procedure for searching optimal models to estimate substitution rates based on the maximum-likelihood method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7860-7865.	7.1	15
28	Analysis of <i>MYB</i> genes in four plant species and the detection of genes associated with drought resistance. <i>Botany</i> , 0, 1-14.	1.0	3