

Jinfeng Chen

List of Publications by Year in descending order

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28
papers

2,030
citations

394421

19
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526287

27
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docs citations

33
times ranked

3434
citing authors

#	ARTICLE	IF	CITATIONS
1	The genome sequence of African rice (<i>Oryza glaberrima</i>) and evidence for independent domestication. <i>Nature Genetics</i> , 2014, 46, 982-988.	21.4	342
2	Assessing genome assembly quality using the LTR Assembly Index (LAI). <i>Nucleic Acids Research</i> , 2018, 46, e126.	14.5	261
3	Mutation of the Rice <i>Narrow leaf1</i> Gene, Which Encodes a Novel Protein, Affects Vein Patterning and Polar Auxin Transport. <i>Plant Physiology</i> , 2008, 147, 1947-1959.	4.8	232
4	Whole-genome sequencing of <i>Oryza brachyantha</i> reveals mechanisms underlying <i>Oryza</i> genome evolution. <i>Nature Communications</i> , 2013, 4, 1595.	12.8	190
5	Rice DENSE AND ERECT PANICLE 2 is essential for determining panicle outgrowth and elongation. <i>Cell Research</i> , 2010, 20, 838-849.	12.0	138
6	Dynamic Evolution of <i>Oryza</i> Genomes Is Revealed by Comparative Genomic Analysis of a Genus-Wide Vertical Data Set. <i>Plant Cell</i> , 2009, 20, 3191-3209.	6.6	128
7	Comparative sequence analysis of <i>MONOCULM1</i> -orthologous regions in 14 <i>Oryza</i> genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2071-2076.	7.1	119
8	Insight into the evolution and functional characteristics of the panicle genome assembly from sesame landraces and modern cultivars. <i>Plant Biotechnology Journal</i> , 2019, 17, 881-892.	8.3	79
9	A Snapshot of the Emerging Tomato Genome Sequence. <i>Plant Genome</i> , 2009, 2, .	2.8	73
10	A Highly Conserved, Small LTR Retrotransposon that Preferentially Targets Genes in Grass Genomes. <i>PLoS ONE</i> , 2012, 7, e32010.	2.5	54
11	Population genetics of foxtail millet and its wild ancestor. <i>BMC Genetics</i> , 2010, 11, 90.	2.7	53
12	Tracking the genome-wide outcomes of a transposable element burst over decades of amplification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10550-E10559.	7.1	41
13	Tracking the origin of two genetic components associated with transposable element bursts in domesticated rice. <i>Nature Communications</i> , 2019, 10, 641.	12.8	34
14	Serial single-cell genomics reveals convergent subclonal evolution of resistance as patients with early-stage breast cancer progress on endocrine plus CDK4/6 therapy. <i>Nature Cancer</i> , 2021, 2, 658-671.	13.2	34
15	Orthologous Comparisons of the Hd1 Region across Genera Reveal Hd1 Gene Lability within Diploid <i>Oryza</i> Species and Disruptions to Microsynteny in <i>Sorghum</i> . <i>Molecular Biology and Evolution</i> , 2010, 27, 2487-2506.	8.9	31
16	RelocaTE2: a high resolution transposable element insertion site mapping tool for population resequencing. <i>PeerJ</i> , 2017, 5, e2942.	2.0	31
17	The impact and origin of copy number variations in the <i>Oryza</i> species. <i>BMC Genomics</i> , 2016, 17, 261.	2.8	30
18	Comparative analysis reveals unexpected genome features of newly isolated <i>Thraustochytrids</i> strains: on ecological function and PUFAs biosynthesis. <i>BMC Genomics</i> , 2018, 19, 541.	2.8	30

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19	PRAP1: post-transcriptional regulation analysis pipeline for Iso-Seq. <i>Bioinformatics</i> , 2018, 34, 1580-1582.	4.1	27
20	Genomic diversity generated by a transposable element burst in a rice recombinant inbred population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26288-26297.	7.1	24
21	Comparison of <i>Oryza sativa</i> and <i>Oryza brachyantha</i> Genomes Reveals Selection-Driven Gene Escape from the Centromeric Regions. <i>Plant Cell</i> , 2018, 30, 1729-1744.	6.6	22
22	Exploiting collateral sensitivity controls growth of mixed culture of sensitive and resistant cells and decreases selection for resistant cells in a cell line model. <i>Cancer Cell International</i> , 2020, 20, 253.	4.1	17
23	Comparative Sequence Analysis of the Ghd7 Orthologous Regions Revealed Movement of Ghd7 in the Grass Genomes. <i>PLoS ONE</i> , 2012, 7, e50236.	2.5	14
24	Inference of Chromosome-Length Haplotypes Using Genomic Data of Three or a Few More Single Gametes. <i>Molecular Biology and Evolution</i> , 2020, 37, 3684-3698.	8.9	11
25	Genome evolution in <i>Oryza</i> allopolyploids of various ages: Insights into the process of diploidization. <i>Plant Journal</i> , 2021, 105, 721-735.	5.7	5
26	Tepoxalin increases chemotherapy efficacy in drug-resistant breast cancer cells overexpressing the multidrug transporter gene ABCB1. <i>Translational Oncology</i> , 2021, 14, 101181.	3.7	4
27	A snapshot of the Chinese SOL Project. <i>Journal of Genetics and Genomics</i> , 2008, 35, 387-390.	3.9	3
28	The rates and patterns of insertions, deletions and substitutions in mouse and rat inferred from introns. <i>Science Bulletin</i> , 2008, 53, 2813-2819.	9.0	0