

Jing Cai

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,912
citations

361045
20
h-index

329751
37
g-index

37
all docs

37
docs citations

37
times ranked

5398
citing authors

#	ARTICLE	IF	CITATIONS
1	The sequence and de novo assembly of the giant panda genome. <i>Nature</i> , 2010, 463, 311-317.	13.7	1,058
2	The genome sequence of the orchid <i>Phalaenopsis equestris</i> . <i>Nature Genetics</i> , 2015, 47, 65-72.	9.4	413
3	<i>De Novo</i> Origination of a New Protein-Coding Gene in <i>Saccharomyces cerevisiae</i>. <i>Genetics</i> , 2008, 179, 487-496.	1.2	209
4	Engineering yeast for the production of breviscapine by genomic analysis and synthetic biology approaches. <i>Nature Communications</i> , 2018, 9, 448.	5.8	146
5	The Earth BioGenome Project 2020: Starting the clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	124
6	A de novo originated gene depresses budding yeast mating pathway and is repressed by the protein encoded by its antisense strand. <i>Cell Research</i> , 2010, 20, 408-420.	5.7	110
7	Apoptosis Induced by Dioscin in Hela Cells.. <i>Biological and Pharmaceutical Bulletin</i> , 2002, 25, 193-196.	0.6	102
8	Building a Genetic Manipulation Tool Box for Orchid Biology: Identification of Constitutive Promoters and Application of CRISPR/Cas9 in the Orchid, <i>Dendrobium officinale</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 2036.	1.7	102
9	Biosynthesis and engineering of kaempferol in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2017, 16, 165.	1.9	68
10	Factors affecting crop damage by wild boar and methods of mitigation in a giant panda reserve. <i>European Journal of Wildlife Research</i> , 2008, 54, 723-728.	0.7	58
11	Genome and Comparative Transcriptomics of African Wild Rice <i>Oryza longistaminata</i> Provide Insights into Molecular Mechanism of Rhizomatousness and Self-Incompatibility. <i>Molecular Plant</i> , 2015, 8, 1683-1686.	3.9	49
12	The origin and evolution of the diosgenin biosynthetic pathway in yam. <i>Plant Communications</i> , 2021, 2, 100079.	3.6	44
13	Phytochemicals, pharmacology, clinical application, patents, and products of <i>Amomi fructus</i> . <i>Food and Chemical Toxicology</i> , 2018, 119, 31-36.	1.8	42
14	The Transcriptome of the Zoanthid <i>Protopalythoa variabilis</i> (Cnidaria, Anthozoa) Predicts a Basal Repertoire of Toxin-like and Venom-Auxiliary Polypeptides. <i>Genome Biology and Evolution</i> , 2016, 8, 3045-3064.	1.1	37
15	High-fat diet feeding and palmitic acid increase CRC growth in $\hat{1}2AR$ -dependent manner. <i>Cell Death and Disease</i> , 2019, 10, 711.	2.7	33
16	Identification of candidate genes involved in isoquinoline alkaloids biosynthesis in <i>Dactylicapnos scandens</i> by transcriptome analysis. <i>Scientific Reports</i> , 2017, 7, 9119.	1.6	26
17	A Phylogenomic Analysis of the Floral Transcriptomes of Sexually Deceptive and Rewarding European Orchids, <i>Ophrys</i> and <i>Gymnadenia</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1553.	1.7	26
18	Chromosome-level reference genome of the Siamese fighting fish <i>Betta splendens</i> , a model species for the study of aggression. <i>GigaScience</i> , 2018, 7, .	3.3	25

#	ARTICLE	IF	CITATIONS
19	Current status and conservation of the Endangered Przewalski's gazelle <i>Procapra przewalskii</i> , endemic to the Qinghai-Tibetan Plateau, China. <i>Oryx</i> , 2012, 46, 145-153.	0.5	23
20	Identification of long non-coding RNAs in two anthozoan species and their possible implications for coral bleaching. <i>Scientific Reports</i> , 2017, 7, 5333.	1.6	22
21	Paraholcoglossum and Tsiorchis, Two New Orchid Genera Established by Molecular and Morphological Analyses of the Holcoglossum Alliance. <i>PLoS ONE</i> , 2011, 6, e24864.	1.1	21
22	Emerging trends and new developments in monoclonal antibodies: A scientometric analysis (1980-2016). <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1388-1397.	1.4	21
23	Do local communities support the conservation of endangered Przewalski's gazelle?. <i>European Journal of Wildlife Research</i> , 2010, 56, 551-560.	0.7	19
24	A New Molecular Phylogeny and a New Genus, <i>Pendulorchis</i> , of the <i>Aerides</i> - <i>Vanda</i> Alliance (Orchidaceae: Epidendroideae). <i>PLoS ONE</i> , 2013, 8, e60097.	1.1	17
25	The molecular bases of floral scent evolution under artificial selection: insights from a transcriptome analysis in <i>Brassica rapa</i> . <i>Scientific Reports</i> , 2016, 6, 36966.	1.6	17
26	Comparison of volatile compounds in different parts of fresh <i>Amomum villosum</i> Lour. from different geographical areas using cryogenic grinding combined HS-SPME-GC-MS. <i>Chinese Medicine</i> , 2020, 15, 97.	1.6	16
27	Genome sequence of <i>Apostasia ramifera</i> provides insights into the adaptive evolution in orchids. <i>BMC Genomics</i> , 2021, 22, 536.	1.2	9
28	Multiple Inter-Kingdom Horizontal Gene Transfers in the Evolution of the Phosphoenolpyruvate Carboxylase Gene Family. <i>PLoS ONE</i> , 2012, 7, e51159.	1.1	7
29	Sequencing, annotation and comparative analysis of nine BACs of giant panda (<i>Ailuropoda</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 2.3 6		
30	<i>Sinocurculigo</i> , a New Genus of Hypoxidaceae from China Based on Molecular and Morphological Evidence. <i>PLoS ONE</i> , 2012, 7, e38880.	1.1	6
31	Comparative and phylogenetic analyses of eleven complete chloroplast genomes of Dipterocarpoideae. <i>Chinese Medicine</i> , 2021, 16, 125.	1.6	5
32	H2S regulates low oxygen signaling via integration with the unfolded protein response in <i>Arabidopsis thaliana</i> . <i>Plant and Soil</i> , 2021, 467, 531-547.	1.8	4
33	The complete chloroplast genome of the essential medicinal herb, <i>Amomum Villosum</i> (Zingiberaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1798-1799.	0.2	2
34	Chromosome-level genome assembly of <i>Welwitschia mirabilis</i> , a unique Namib Desert species. <i>Molecular Ecology Resources</i> , 2022, 22, 391-403.	2.2	1