

He Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,488
citations

430874

18
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

5143
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequence of cultivated Upland cotton (<i>Gossypium hirsutum</i> TM-1) provides insights into genome evolution. <i>Nature Biotechnology</i> , 2015, 33, 524-530.	17.5	1,064
2	Pearl millet genome sequence provides a resource to improve agronomic traits in arid environments. <i>Nature Biotechnology</i> , 2017, 35, 969-976.	17.5	356
3	Structural genomic changes underlie alternative reproductive strategies in the ruff (<i>Philomachus</i>) Tj ETQq1 1 0.784314 rgBT /Overloc 21.4 340	21.4	340
4	The <i>Sinocyclocheilus</i> cavefish genome provides insights into cave adaptation. <i>BMC Biology</i> , 2016, 14, 1.	3.8	292
5	The high-quality genome of <i>Brassica napus</i> cultivar 'ZS11' reveals the introgression history in semi-winter morphotype. <i>Plant Journal</i> , 2017, 92, 452-468.	5.7	233
6	Draft genome of the living fossil <i>Ginkgo biloba</i> . <i>GigaScience</i> , 2016, 5, 49.	6.4	232
7	Allele-aware chromosome-level genome assembly and efficient transgene-free genome editing for the autotetraploid cultivated alfalfa. <i>Nature Communications</i> , 2020, 11, 2494.	12.8	224
8	The genetic basis for ecological adaptation of the Atlantic herring revealed by genome sequencing. <i>ELife</i> , 2016, 5, .	6.0	143
9	Resequencing 545 ginkgo genomes across the world reveals the evolutionary history of the living fossil. <i>Nature Communications</i> , 2019, 10, 4201.	12.8	99
10	The Asian arowana (<i>Scleropages formosus</i>) genome provides new insights into the evolution of an early lineage of teleosts. <i>Scientific Reports</i> , 2016, 6, 24501.	3.3	89
11	A chromosome-level assembly of the Atlantic herring genome detection of a supergene and other signals of selection. <i>Genome Research</i> , 2019, 29, 1919-1928.	5.5	84
12	The genetic architecture of floral traits in the woody plant <i>Prunus mume</i> . <i>Nature Communications</i> , 2018, 9, 1702.	12.8	73
13	Initial data release and announcement of the 10,000 Fish Genomes Project (Fish10K). <i>GigaScience</i> , 2020, 9, .	6.4	47
14	Deletion and tandem duplications of biosynthetic genes drive the diversity of triterpenoids in <i>Aralia elata</i> . <i>Nature Communications</i> , 2022, 13, 2224.	12.8	34
15	Draft genome sequence of the Tibetan medicinal herb <i>Rhodiola crenulata</i> . <i>GigaScience</i> , 2017, 6, 1-5.	6.4	33
16	<i>Arabidopsis</i> DXO1 possesses deNADding and exonuclease activities and its mutation affects defense-related and photosynthetic gene expression. <i>Journal of Integrative Plant Biology</i> , 2020, 62, 967-983.	8.5	29
17	Genome sequences reveal global dispersal routes and suggest convergent genetic adaptations in seahorse evolution. <i>Nature Communications</i> , 2021, 12, 1094.	12.8	29
18	The first chromosome-level genome for a marine mammal as a resource to study ecology and evolution. <i>Molecular Ecology Resources</i> , 2019, 19, 944-956.	4.8	27

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19	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, .	6.4	25
20	A survey of the sperm whale (<i>Physeter catodon</i>) commensal microbiome. <i>PeerJ</i> , 2019, 7, e7257.	2.0	15
21	<i>De Novo</i> Biosynthesis of Oleanane-Type Ginsenosides in <i>Saccharomyces cerevisiae</i> Using Two Types of Glycosyltransferases from <i>Panax ginseng</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 2231-2240.	5.2	14
22	Chromosome-level genome assembly of the humpback puffer, <i>Tetraodon palembangensis</i> . <i>GigaByte</i> , 0, 2021, 1-12.	0.0	0
23	Bicolor angelfish (<i>Centropyge bicolor</i>) provides the first chromosome-level genome of the Pomacanthidae family. <i>GigaByte</i> , 0, 2021, 1-13.	0.0	0