

# Yang Dong

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

5,178  
citations

257450

24  
h-index

223800

46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

7663  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resequencing 302 wild and cultivated accessions identifies genes related to domestication and improvement in soybean. <i>Nature Biotechnology</i> , 2015, 33, 408-414.	17.5	1,023
2	Resequencing 50 accessions of cultivated and wild rice yields markers for identifying agronomically important genes. <i>Nature Biotechnology</i> , 2012, 30, 105-111.	17.5	818
3	Sequencing and automated whole-genome optical mapping of the genome of a domestic goat ( <i>Capra</i> ) Tj ETQq1 1 0,784314 rgBT /Ov	17.5	479
4	The sheep genome illuminates biology of the rumen and lipid metabolism. <i>Science</i> , 2014, 344, 1168-1173.	12.6	436
5	Large-scale ruminant genome sequencing provides insights into their evolution and distinct traits. <i>Science</i> , 2019, 364, .	12.6	266
6	The Genome of <i>Dendrobium officinale</i> Illuminates the Biology of the Important Traditional Chinese Orchid Herb. <i>Molecular Plant</i> , 2015, 8, 922-934.	8.3	228
7	Design and Characterization of a 52K SNP Chip for Goats. <i>PLoS ONE</i> , 2014, 9, e86227.	2.5	220
8	Genomic Analyses Reveal Potential Independent Adaptation to High Altitude in Tibetan Chickens. <i>Molecular Biology and Evolution</i> , 2015, 32, 1880-1889.	8.9	193
9	Whole-genome resequencing of 472 <i>Vitis</i> accessions for grapevine diversity and demographic history analyses. <i>Nature Communications</i> , 2019, 10, 1190.	12.8	155
10	Outbred genome sequencing and CRISPR/Cas9 gene editing in butterflies. <i>Nature Communications</i> , 2015, 6, 8212.	12.8	146
11	Engineering yeast for the production of breviscapine by genomic analysis and synthetic biology approaches. <i>Nature Communications</i> , 2018, 9, 448.	12.8	146
12	High-Throughput Transcriptome Profiling in Drug and Biomarker Discovery. <i>Frontiers in Genetics</i> , 2020, 11, 19.	2.3	111
13	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.	3.6	102
14	Hybrid de novo genome assembly of the Chinese herbal plant danshen ( <i>Salvia miltiorrhiza</i> Bunge). <i>GigaScience</i> , 2015, 4, 62.	6.4	73
15	The Genome Sequences of 90 Mushrooms. <i>Scientific Reports</i> , 2018, 8, 9982.	3.3	73
16	Whole-Genome Sequencing and Analysis of the Chinese Herbal Plant <i>Panax notoginseng</i> . <i>Molecular Plant</i> , 2017, 10, 899-902.	8.3	71
17	Genome of Plant Maca ( <i>Lepidium meyenii</i> ) Illuminates Genomic Basis for High-Altitude Adaptation in the Central Andes. <i>Molecular Plant</i> , 2016, 9, 1066-1077.	8.3	69
18	Improved hybrid de novo genome assembly of domesticated apple ( <i>Malus x domestica</i> ). <i>GigaScience</i> , 2016, 5, 35.	6.4	56

#	ARTICLE	IF	CITATIONS
19	The <i>Phytophthora cactorum</i> genome provides insights into the adaptation to host defense compounds and fungicides. <i>Scientific Reports</i> , 2018, 8, 6534.	3.3	52
20	Convergent genomic signatures of high-altitude adaptation among domestic mammals. <i>National Science Review</i> , 2020, 7, 952-963.	9.5	52
21	The genome of Shanputao ( <i>Vitis amurensis</i> ) provides a new insight into cold tolerance of grapevine. <i>Plant Journal</i> , 2021, 105, 1495-1506.	5.7	52
22	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.	8.3	49
23	Identification of selection signals by large-scale whole-genome resequencing of cashmere goats. <i>Scientific Reports</i> , 2017, 7, 15142.	3.3	46
24	Genomic insights of body plan transitions from bilateral to pentamerous symmetry in Echinoderms. <i>Communications Biology</i> , 2020, 3, 371.	4.4	34
25	The chromosome-scale high-quality genome assembly of <i>Panax notoginseng</i> provides insight into dencichine biosynthesis. <i>Plant Biotechnology Journal</i> , 2021, 19, 869-871.	8.3	34
26	Hybrid de novo genome assembly of the Chinese herbal fleabane <i>Erigeron breviscapus</i> . <i>GigaScience</i> , 2017, 6, 1-7.	6.4	22
27	HMOD: An Omics Database for Herbal Medicine Plants. <i>Molecular Plant</i> , 2018, 11, 757-759.	8.3	22
28	High quality genome of <i>Erigeron breviscapus</i> provides a reference for herbal plants in Asteraceae. <i>Molecular Ecology Resources</i> , 2021, 21, 153-169.	4.8	21
29	An update of the goat genome assembly using dense radiation hybrid maps allows detailed analysis of evolutionary rearrangements in Bovidae. <i>BMC Genomics</i> , 2014, 15, 625.	2.8	19
30	The genome assembly of asparagus bean, <i>Vigna unguiculata</i> ssp. <i>sesquipedialis</i> . <i>Scientific Data</i> , 2019, 6, 124.	5.3	18
31	MPOD: Applications of integrated multi-omics database for medicinal plants. <i>Plant Biotechnology Journal</i> , 2022, 20, 797-799.	8.3	16
32	Chromosome Level Genome Assembly of <i>Andrographis paniculata</i> . <i>Frontiers in Genetics</i> , 2020, 11, 701.	2.3	14
33	Improved de novo Assembly of the Achlorophyllous Orchid <i>Gastrodia elata</i> . <i>Frontiers in Genetics</i> , 2020, 11, 580568.	2.3	11
34	Chromosome-scale genome assembly of <i>Eleutherococcus senticosus</i> provides insights into chromosome evolution in Araliaceae. <i>Molecular Ecology Resources</i> , 2021, 21, 2204-2220.	4.8	10
35	VitisGDB: The Multifunctional Database for Grapevine Breeding and Genetics. <i>Molecular Plant</i> , 2020, 13, 1098-1100.	8.3	7
36	Genomic Analyses Unveil Helmeted Guinea Fowl ( <i>Numida meleagris</i> ) Domestication in West Africa. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	6

#	ARTICLE	IF	CITATIONS
37	MGH: a genome hub for the medicinal plant maca ( <i>Lepidium meyenii</i> ). Database: the Journal of Biological Databases and Curation, 2018, 2018, .	3.0	5
38	Genome Assembly and Analyses of the Macrofungus <i>Macrocybe gigantea</i> . BioMed Research International, 2021, 2021, 1-14.	1.9	4
39	Draft Genome of the European Mouflon ( <i>Ovis orientalis musimon</i> ). Frontiers in Genetics, 2020, 11, 533611.	2.3	3
40	Derivedness Index for Estimating Degree of Phenotypic Evolution of Embryos: A Study of Comparative Transcriptomic Analyses of Chordates and Echinoderms. Frontiers in Cell and Developmental Biology, 2021, 9, 749963.	3.7	3
41	HGFDB: a collective database of helmeted guinea fowl genomics. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	3.0	2
42	High-Throughput Screen of Natural Compounds and Biomarkers for NSCLC Treatment by Differential Expression and Weighted Gene Coexpression Network Analysis (WGCNA). BioMed Research International, 2021, 2021, 1-20.	1.9	2
43	Genetic Variation of Goat Interferon Regulatory Factor 3 Gene and Its Implication in Goat Evolution. PLoS ONE, 2016, 11, e0161962.	2.5	2
44	Reference-grade <i>Taxus</i> genome unleashes its pharmacological potential. Trends in Plant Science, 2022, 27, 10-12.	8.8	2
45	Extensive sequence divergence between the reference genomes of two zebrafish strains, Tuebingen and AB. Molecular Ecology Resources, 2022, , .	4.8	1
46	Complete mitochondrial genome sequence of the Thomson's gazelle ( <i>Eudorcas thomsonii</i> ). Conservation Genetics Resources, 2018, 10, 543-545.	0.8	0
47	Complete mitochondrial genome sequence of the mountain nyala ( <i>Tragelaphus buxtoni</i> ). Conservation Genetics Resources, 2018, 10, 547-550.	0.8	0