

# Qiang Qiu

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,283  
citations

279798

23  
h-index

214800

47  
g-index

51  
all docs

51  
docs citations

51  
times ranked

4088  
citing authors

#	ARTICLE	IF	CITATIONS
1	The yak genome and adaptation to life at high altitude. <i>Nature Genetics</i> , 2012, 44, 946-949.	21.4	708
2	Convergent Evolution of Rumen Microbiomes in High-Altitude Mammals. <i>Current Biology</i> , 2016, 26, 1873-1879.	3.9	281
3	Large-scale ruminant genome sequencing provides insights into their evolution and distinct traits. <i>Science</i> , 2019, 364, .	12.6	266
4	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
5	Yak whole-genome resequencing reveals domestication signatures and prehistoric population expansions. <i>Nature Communications</i> , 2015, 6, 10283.	12.8	214
6	Genome-scale transcriptome analysis of the desert poplar, <i>Populus euphratica</i> . <i>Tree Physiology</i> , 2011, 31, 452-461.	3.1	179
7	Genetic basis of ruminant headgear and rapid antler regeneration. <i>Science</i> , 2019, 364, .	12.6	121
8	An integrated gene catalog and over 10,000 metagenome-assembled genomes from the gastrointestinal microbiome of ruminants. <i>Microbiome</i> , 2021, 9, 137.	11.1	110
9	Phylogeographic analyses suggest that a deciduous species ( <i>Ostryopsis davidiana</i> Decne.) Tj ETQq1 1 0.784314 rgBT /Overlock 2009, 36, 2148-2155.	3.0	108
10	Morphology and genome of a snailfish from the Mariana Trench provide insights into deep-sea adaptation. <i>Nature Ecology and Evolution</i> , 2019, 3, 823-833.	7.8	99
11	African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , 2021, 184, 1362-1376.e18.	28.9	99
12	Incomplete lineage sorting rather than hybridization explains the inconsistent phylogeny of the wisent. <i>Communications Biology</i> , 2018, 1, 169.	4.4	84
13	Genome-wide patterns of copy number variation in the Chinese yak genome. <i>BMC Genomics</i> , 2016, 17, 379.	2.8	66
14	Tracing the genetic footprints of vertebrate landing in non-teleost ray-finned fishes. <i>Cell</i> , 2021, 184, 1377-1391.e14.	28.9	66
15	Biological adaptations in the Arctic cervid, the reindeer ( <i>Rangifer tarandus</i> ). <i>Science</i> , 2019, 364, .	12.6	58
16	Comparative transcriptomic analysis revealed adaptation mechanism of <i>Phrynocephalus erythrurus</i> , the highest altitude Lizard living in the Qinghai-Tibet Plateau. <i>BMC Evolutionary Biology</i> , 2015, 15, 101.	3.2	50
17	Chromosome-level genome assembly reveals the unique genome evolution of the swimming crab ( <i>Portunus trituberculatus</i> ). <i>GigaScience</i> , 2020, 9, .	6.4	44
18	Bacterial communities in the solid, liquid, dorsal, and ventral epithelium fractions of yak ( <i>Bos</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	3.0	43

#	ARTICLE	IF	CITATIONS
19	Draft genome of the reindeer ( <i>Rangifer tarandus</i> ). <i>GigaScience</i> , 2017, 6, 1-5.	6.4	41
20	Genome-wide variation within and between wild and domestic yak. <i>Molecular Ecology Resources</i> , 2014, 14, 794-801.	4.8	40
21	The Yak genome database: an integrative database for studying yak biology and high-altitude adaptation. <i>BMC Genomics</i> , 2012, 13, 600.	2.8	33
22	A towering genome: Experimentally validated adaptations to high blood pressure and extreme stature in the giraffe. <i>Science Advances</i> , 2021, 7, .	10.3	31
23	Draft genome of the Marco Polo Sheep ( <i>Ovis ammon polii</i> ). <i>GigaScience</i> , 2017, 6, 1-7.	6.4	25
24	Chromosomal level reference genome of <i>Tachypleus tridentatus</i> provides insights into evolution and adaptation of horseshoe crabs. <i>Molecular Ecology Resources</i> , 2019, 19, 744-756.	4.8	25
25	Chromosome-level genome assembly of <i>Lethenteron reissneri</i> provides insights into lamprey evolution. <i>Molecular Ecology Resources</i> , 2021, 21, 448-463.	4.8	25
26	The genome sequence of the wisent ( <i>Bison bonasus</i> ). <i>GigaScience</i> , 2017, 6, 1-5.	6.4	22
27	Draft genome of the milu ( <i>Elaphurus davidianus</i> ). <i>GigaScience</i> , 2018, 7, .	6.4	22
28	Structural Variants Selected during Yak Domestication Inferred from Long-Read Whole-Genome Sequencing. <i>Molecular Biology and Evolution</i> , 2021, 38, 3676-3680.	8.9	21
29	Modes of genetic adaptations underlying functional innovations in the rumen. <i>Science China Life Sciences</i> , 2021, 64, 1-21.	4.9	19
30	Genome Sequence of the Freshwater Yangtze Finless Porpoise. <i>Genes</i> , 2018, 9, 213.	2.4	16
31	The sequence and de novo assembly of the wild yak genome. <i>Scientific Data</i> , 2020, 7, 66.	5.3	16
32	Convergent evolution of SOCS4 between yak and Tibetan antelope in response to high-altitude stress. <i>Gene</i> , 2015, 572, 298-302.	2.2	15
33	The Genomes of Two Billfishes Provide Insights into the Evolution of Endothermy in Teleosts. <i>Molecular Biology and Evolution</i> , 2021, 38, 2413-2427.	8.9	15
34	The seasonal development dynamics of the yak hair cycle transcriptome. <i>BMC Genomics</i> , 2020, 21, 355.	2.8	14
35	Chromosome-level genome assembly of <i>Paralithodes platypus</i> provides insights into evolution and adaptation of king crabs. <i>Molecular Ecology Resources</i> , 2021, 21, 511-525.	4.8	14
36	The genome of a new anemone species (Actiniaria: Hormathiidae) provides insights into deep-sea adaptation. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 170, 103492.	1.4	11

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37	Complete mitochondrial genome of bovine species Gayal ( <i>Bos frontalis</i> ). <i>Conservation Genetics Resources</i> , 2018, 10, 889-891.	0.8	9
38	The completed chloroplast genome of <i>Ostrya trichocarpa</i> . <i>Conservation Genetics Resources</i> , 2018, 10, 579-581.	0.8	8
39	Postpartum oestrous cycling resumption of yak cows following different calf weaning strategies under range conditions. <i>Animal Science Journal</i> , 2018, 89, 1492-1503.	1.4	8
40	Identification of a molecular subtyping system associated with the prognosis of Asian hepatocellular carcinoma patients receiving liver resection. <i>Scientific Reports</i> , 2019, 9, 7073.	3.3	7
41	Comparison between Tibetan and Small-tailed Han sheep in adipocyte phenotype, lipid metabolism and energy homeostasis regulation of adipose tissues when consuming diets of different energy levels. <i>British Journal of Nutrition</i> , 2020, 124, 668-680.	2.3	7
42	Effect of dietary energy on digestibilities, rumen fermentation, urinary purine derivatives and serum metabolites in Tibetan and small-tailed Han sheep. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 977-987.	2.2	6
43	Development and Characterization of EST-SSR Markers in <i>Ostryopsis</i> (Betulaceae). <i>Applications in Plant Sciences</i> , 2014, 2, 1300062.	2.1	4
44	Gene expression responses in zebrafish to short-term high-hydrostatic pressure. <i>Zoological Research</i> , 2022, 43, 188-191.	2.1	3
45	Ruminant-specific genes identified using high-quality genome data and their roles in rumen evolution. <i>Science Bulletin</i> , 2022, 67, 825-835.	9.0	3
46	Isolation and characterization of microsatellite loci in <i>Ostryopsis davidiana</i> (Betulaceae). <i>Conservation Genetics</i> , 2009, 10, 751-753.	1.5	1
47	Effect of supplemental dietary slow-release urea on growth performance and physiological status of dairy heifers. <i>Animal Science Journal</i> , 2018, 89, 966-971.	1.4	1
48	<i>Giraffa camelopardalis</i> . <i>Trends in Genetics</i> , 2021, 37, 860-861.	6.7	0