

Kun Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

1,462
citations

17
h-index

38
g-index

48
ext. papers

2,366
ext. citations

12.6
avg, IF

3.84
L-index

#	Paper	IF	Citations
42	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,	11.5	15
41	Gene expression responses in zebrafish to short-term high-hydrostatic pressure.. <i>Zoological Research</i> , 2022 , 43, 188-191	3.4	
40	Co-culture of BMSCs and HUVECs with simvastatin-loaded gelatin nanosphere/chitosan coating on Mg alloy for osteogenic differentiation and vasculogenesis. <i>International Journal of Biological Macromolecules</i> , 2021 ,	7.9	1
39	A towering genome: Experimentally validated adaptations to high blood pressure and extreme stature in the giraffe. <i>Science Advances</i> , 2021 , 7,	14.3	10
38	Tracing the genetic footprints of vertebrate landing in non-teleost ray-finned fishes. <i>Cell</i> , 2021 , 184, 1377-1391.e14	56.2	15
37	African lungfish genome sheds light on the vertebrate water-to-land transition. <i>Cell</i> , 2021 , 184, 1362-1376.e1827	36.3	10
36	Large-scale sequencing of flatfish genomes provides insights into the polyphyletic origin of their specialized body plan. <i>Nature Genetics</i> , 2021 , 53, 742-751	36.3	10
35	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	2.5	0
34	Modes of genetic adaptations underlying functional innovations in the rumen. <i>Science China Life Sciences</i> , 2021 , 64, 1-21	8.5	7
33	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	8.4	7
32	The Genomes of Two Billfishes Provide Insights into the Evolution of Endothermy in Teleosts. <i>Molecular Biology and Evolution</i> , 2021 , 38, 2413-2427	8.3	3
31	Comparative genomics provides insights into the aquatic adaptations of mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
30	Allele-aware chromosome-level genome assembly and efficient transgene-free genome editing for the autotetraploid cultivated alfalfa. <i>Nature Communications</i> , 2020 , 11, 2494	17.4	86
29	The seasonal development dynamics of the yak hair cycle transcriptome. <i>BMC Genomics</i> , 2020 , 21, 355	4.5	5
28	De Novo Genome Assembly of Limpet <i>Bathycypraea lactea</i> (Gastropoda: Pectinodontidae): The First Reference Genome of a Deep-Sea Gastropod Endemic to Cold Seeps. <i>Genome Biology and Evolution</i> , 2020 , 12, 905-910	3.9	5
27	The origin of domestication genes in goats. <i>Science Advances</i> , 2020 , 6, eaaz5216	14.3	28
26	The sequence and de novo assembly of the wild yak genome. <i>Scientific Data</i> , 2020 , 7, 66	8.2	5

25	Enhanced osteogenic differentiation of osteoblasts on CaTiO nanotube film. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 187, 110773	6	8
24	Chromosome-level genome assembly reveals the unique genome evolution of the swimming crab (<i>Portunus trituberculatus</i>). <i>GigaScience</i> , 2020 , 9,	7.6	20
23	An Indo-Pacific Humpback Dolphin Genome Reveals Insights into Chromosome Evolution and the Demography of a Vulnerable Species. <i>IScience</i> , 2020 , 23, 101640	6.1	8
22	Initial data release and announcement of the 10,000 Fish Genomes Project (Fish10K). <i>GigaScience</i> , 2020 , 9,	7.6	12
21	Large-scale ruminant genome sequencing provides insights into their evolution and distinct traits. <i>Science</i> , 2019 , 364,	33.3	120
20	Biological adaptations in the Arctic cervid, the reindeer (<i></i>). <i>Science</i> , 2019 , 364,	33.3	22
19	Genetic basis of ruminant headgear and rapid antler regeneration. <i>Science</i> , 2019 , 364,	33.3	61
18	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	4.9	5
17	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	12.3	48
16	Nanopore Sequencing and Assembly of a Black-Shelled Pacific Oyster (<i></i>) Genome. <i>Frontiers in Genetics</i> , 2019 , 10, 1211	4.5	17
15	Draft genome of the milu (<i>Elaphurus davidianus</i>). <i>GigaScience</i> , 2018 , 7,	7.6	17
14	Complete mitochondrial genome sequence of the Thomson's gazelle (<i>Eudorcas thomsonii</i>). <i>Conservation Genetics Resources</i> , 2018 , 10, 543-545	0.8	
13	Genome Sequence of the Freshwater Yangtze Finless Porpoise. <i>Genes</i> , 2018 , 9,	4.2	7
12	Whole-genome resequencing reveals world-wide ancestry and adaptive introgression events of domesticated cattle in East Asia. <i>Nature Communications</i> , 2018 , 9, 2337	17.4	123
11	Incomplete lineage sorting rather than hybridization explains the inconsistent phylogeny of the wisent. <i>Communications Biology</i> , 2018 , 1, 169	6.7	40
10	The genome sequence of the wisent (<i>Bison bonasus</i>). <i>GigaScience</i> , 2017 , 6, 1-5	7.6	17
9	Draft genome of the reindeer (<i>Rangifer tarandus</i>). <i>GigaScience</i> , 2017 , 6, 1-5	7.6	28
8	Draft genome of the Marco Polo Sheep (<i>Ovis ammon polii</i>). <i>GigaScience</i> , 2017 , 6, 1-7	7.6	15

7	Characterization of the complete chloroplast genome of <i>Populus qionghaoensis</i> T. Hong et P. Luo. <i>Conservation Genetics Resources</i> , 2016 , 8, 435-437	0.8	4
6	The complete chloroplast genome of <i>Sinodoxa corydalifolia</i> (Adoxaceae). <i>Conservation Genetics Resources</i> , 2016 , 8, 303-305	0.8	6
5	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	36
4	Yak whole-genome resequencing reveals domestication signatures and prehistoric population expansions. <i>Nature Communications</i> , 2015 , 6, 10283	17.4	116
3	Transcriptome sequencing and phylogenomic resolution within Spalacidae (Rodentia). <i>BMC Genomics</i> , 2014 , 15, 32	4.5	28
2	The yak genome and adaptation to life at high altitude. <i>Nature Genetics</i> , 2012 , 44, 946-9	36.3	472
1	Tracing the origin of a new organ by inferring the genetic basis of rumen evolution		1