

Ya-Ping Zhang

List of Publications by Year in descending order

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221
papers

8,204
citations

50276

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66911

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236
all docs

236
docs citations

236
times ranked

10241
citing authors

#	ARTICLE	IF	CITATIONS
1	A Global Deal For Nature: Guiding principles, milestones, and targets. <i>Science Advances</i> , 2019, 5, eaaw2869.	10.3	477
2	Multiple maternal origins of chickens: Out of the Asian jungles. <i>Molecular Phylogenetics and Evolution</i> , 2006, 38, 12-19.	2.7	379
3	mtDNA Data Indicate a Single Origin for Dogs South of Yangtze River, Less Than 16,300 Years Ago, from Numerous Wolves. <i>Molecular Biology and Evolution</i> , 2009, 26, 2849-2864.	8.9	314
4	Ultrasensitive supersandwich-type electrochemical sensor for SARS-CoV-2 from the infected COVID-19 patients using a smartphone. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128899.	7.8	303
5	The genomics of selection in dogs and the parallel evolution between dogs and humans. <i>Nature Communications</i> , 2013, 4, 1860.	12.8	275
6	Out of southern East Asia: the natural history of domestic dogs across the world. <i>Cell Research</i> , 2016, 26, 21-33.	12.0	271
7	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
8	Whole-genome sequence of the Tibetan frog <i>Nanorana parkeri</i> and the comparative evolution of tetrapod genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1257-62.	7.1	159
9	Pervasive introgression facilitated domestication and adaptation in the <i>Bos</i> species complex. <i>Nature Ecology and Evolution</i> , 2018, 2, 1139-1145.	7.8	157
10	Genetic Convergence in the Adaptation of Dogs and Humans to the High-Altitude Environment of the Tibetan Plateau. <i>Genome Biology and Evolution</i> , 2014, 6, 2122-2128.	2.5	146
11	863 genomes reveal the origin and domestication of chicken. <i>Cell Research</i> , 2020, 30, 693-701.	12.0	144
12	Spatiotemporal Diversification of the True Frogs (Genus <i>Rana</i>): A Historical Framework for a Widely Studied Group of Model Organisms. <i>Systematic Biology</i> , 2016, 65, 824-842.	5.6	125
13	Genome-Wide Identification of Long Intergenic Noncoding RNA Genes and Their Potential Association with Domestication in Pigs. <i>Genome Biology and Evolution</i> , 2014, 6, 1387-1392.	2.5	121
14	Genomic incompatibilities in the diploid and tetraploid offspring of the goldfish $\tilde{\text{A}}$ — common carp cross. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1327-1332.	7.1	119
15	Comparative genomic investigation of high-elevation adaptation in ectothermic snakes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8406-8411.	7.1	119
16	Large-scale molecular phylogeny, morphology, divergence-time estimation, and the fossil record of advanced caenophidian snakes (Squamata: Serpentes). <i>PLoS ONE</i> , 2019, 14, e0216148.	2.5	116
17	Molecular phylogeny of the New World Dipsadidae (Serpentes: Colubroidea): a reappraisal. <i>Cladistics</i> , 2012, 28, 437-459.	3.3	112
18	Biotic interchange between the Indian subcontinent and mainland Asia through time. <i>Nature Communications</i> , 2016, 7, 12132.	12.8	110

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19	Genomic analysis of snub-nosed monkeys (<i>Rhinopithecus</i>) identifies genes and processes related to high-altitude adaptation. <i>Nature Genetics</i> , 2016, 48, 947-952.	21.4	109
20	Domestication Genomics: Evidence from Animals. <i>Annual Review of Animal Biosciences</i> , 2014, 2, 65-84.	7.4	98
21	A novel multilocus phylogenetic estimation reveals unrecognized diversity in Asian horned toads, genus <i>Megophrys</i> sensu lato (Anura: Megophryidae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 28-43.	2.7	78
22	DoGSD: the dog and wolf genome SNP database. <i>Nucleic Acids Research</i> , 2015, 43, D777-D783.	14.5	76
23	Artificial Selection on Brain-Expressed Genes during the Domestication of Dog. <i>Molecular Biology and Evolution</i> , 2013, 30, 1867-1876.	8.9	74
24	Cold Code: the global initiative to <scp>DNA</scp> barcode amphibians and nonavian reptiles. <i>Molecular Ecology Resources</i> , 2013, 13, 161-167.	4.8	72
25	Space for nature. <i>Science</i> , 2018, 361, 1051-1051.	12.6	72
26	The Chinese giant salamander exemplifies the hidden extinction of cryptic species. <i>Current Biology</i> , 2018, 28, R590-R592.	3.9	71
27	ECOLOGY:DNA Banks for Endangered Animal Species. <i>Science</i> , 2000, 288, 275-277.	12.6	70
28	Mitogenomic analyses propose positive selection in mitochondrial genes for high-altitude adaptation in galliform birds. <i>Mitochondrion</i> , 2014, 18, 70-75.	3.4	70
29	Identification and Characterization of MicroRNAs in Ovary and Testis of Nile Tilapia (<i>Oreochromis</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 2.5 69		
30	Positive selection rather than relaxation of functional constraint drives the evolution of vision during chicken domestication. <i>Cell Research</i> , 2016, 26, 556-573.	12.0	69
31	Dog10K: an international sequencing effort to advance studies of canine domestication, phenotypes and health. <i>National Science Review</i> , 2019, 6, 810-824.	9.5	65
32	Molecular Phylogeny of <i>Nycticebus</i> Inferred from Mitochondrial Genes. <i>International Journal of Primatology</i> , 2006, 27, 1187-1200.	1.9	62
33	Cellular responses to HSV-1 infection are linked to specific types of alterations in the host transcriptome. <i>Scientific Reports</i> , 2016, 6, 28075.	3.3	61
34	The wild species genome ancestry of domestic chickens. <i>BMC Biology</i> , 2020, 18, 13.	3.8	61
35	Evolutionary history of the mtDNA 9-bp deletion in Chinese populations and its relevance to the peopling of east and southeast Asia. <i>Human Genetics</i> , 2000, 107, 504-512.	3.8	59
36	From asymmetrical to balanced genomic diversification during rediploidization: Subgenomic evolution in allotetraploid fish. <i>Science Advances</i> , 2020, 6, eaaz7677.	10.3	59

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37	Identification of Valid Reference Genes for the Normalization of RT-qPCR Expression Studies in Human Breast Cancer Cell Lines Treated with and without Transient Transfection. <i>PLoS ONE</i> , 2015, 10, e0117058.	2.5	58
38	Population Variation Reveals Independent Selection toward Small Body Size in Chinese Debao Pony. <i>Genome Biology and Evolution</i> , 2016, 8, 42-50.	2.5	57
39	Species groups distributed across elevational gradients reveal convergent and continuous genetic adaptation to high elevations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10634-E10641.	7.1	57
40	Genetic diversity and conservation of endangered animal species. <i>Pure and Applied Chemistry</i> , 2002, 74, 575-584.	1.9	54
41	Two new susceptibility loci 1q24.2 and 11p11.2 confer risk to severe acne. <i>Nature Communications</i> , 2014, 5, 2870.	12.8	54
42	Quaternary palaeoenvironmental oscillations drove the evolution of the Eurasian <i>Carassius auratus</i> complex (Cypriniformes, Cyprinidae). <i>Journal of Biogeography</i> , 2012, 39, 2264-2278.	3.0	52
43	Convergent genomic signatures of high-altitude adaptation among domestic mammals. <i>National Science Review</i> , 2020, 7, 952-963.	9.5	52
44	Mitochondrial cytochrome b gene sequences of old world monkeys: With special reference on evolution of Asian colobines. <i>Primates</i> , 1998, 39, 39-49.	1.1	51
45	Large numbers of vertebrates began rapid population decline in the late 19th century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14079-14084.	7.1	50
46	Selection and environmental adaptation along a path to speciation in the Tibetan frog <i>Nanorana parkeri</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5056-E5065.	7.1	49
47	Genomic regions under selection in the feralization of the dingoes. <i>Nature Communications</i> , 2020, 11, 671.	12.8	49
48	Genetic Divergence of Orangutan Subspecies (<i>Pongo pygmaeus</i>). <i>Journal of Molecular Evolution</i> , 2001, 52, 516-526.	1.8	48
49	Mitochondrial Control Region and Population Genetic Patterns of <i>Nycticebus bengalensis</i> and <i>N. pygmaeus</i> . <i>International Journal of Primatology</i> , 2007, 28, 791-799.	1.9	48
50	Genetic adaptations of the plateau zokor in high-elevation burrows. <i>Scientific Reports</i> , 2015, 5, 17262.	3.3	48
51	Genome wide analyses uncover allele-specific RNA editing in human and mouse. <i>Nucleic Acids Research</i> , 2018, 46, 8888-8897.	14.5	47
52	Herpetological phylogeographic analyses support a Miocene focal point of Himalayan uplift and biological diversification. <i>National Science Review</i> , 2021, 8, nwaa263.	9.5	46
53	Ancient Hybridization with an Unknown Population Facilitated High-Altitude Adaptation of Canids. <i>Molecular Biology and Evolution</i> , 2020, 37, 2616-2629.	8.9	46
54	DomeTree: a canonical toolkit for mitochondrial DNA analyses in domesticated animals. <i>Molecular Ecology Resources</i> , 2015, 15, 1238-1242.	4.8	45

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55	Genomic consequences of population decline in critically endangered pangolins and their demographic histories. <i>National Science Review</i> , 2020, 7, 798-814.	9.5	45
56	Population Genomics Analysis Revealed Origin and High-altitude Adaptation of Tibetan Pigs. <i>Scientific Reports</i> , 2019, 9, 11463.	3.3	44
57	Asymmetric biotic interchange across the Bering land bridge between Eurasia and North America. <i>National Science Review</i> , 2019, 6, 739-745.	9.5	43
58	Genomic and transcriptomic investigations of the evolutionary transition from oviparity to viviparity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3646-3655.	7.1	43
59	An Evolutionary Genomic Perspective on the Breeding of Dwarf Chickens. <i>Molecular Biology and Evolution</i> , 2017, 34, 3081-3088.	8.9	42
60	Protein polymorphism and genetic divergence in slow loris (genus <i>Nycticebus</i>). <i>Primates</i> , 1998, 39, 79-84.	1.1	41
61	Comparative population genomics reveals genetic basis underlying body size of domestic chickens. <i>Journal of Molecular Cell Biology</i> , 2016, 8, 542-552.	3.3	41
62	Whole-Genome Sequencing of African Dogs Provides Insights into Adaptations against Tropical Parasites. <i>Molecular Biology and Evolution</i> , 2018, 35, 287-298.	8.9	41
63	Domestication of the Dog from the Wolf Was Promoted by Enhanced Excitatory Synaptic Plasticity: A Hypothesis. <i>Genome Biology and Evolution</i> , 2014, 6, 3115-3121.	2.5	38
64	Out of Southern East Asia of the Brown Rat Revealed by Large-Scale Genome Sequencing. <i>Molecular Biology and Evolution</i> , 2018, 35, 149-158.	8.9	36
65	Proteomic analysis of the skin of Chinese giant salamander (<i>Andrias davidianus</i>). <i>Journal of Proteomics</i> , 2015, 119, 196-208.	2.4	35
66	Origin of Chinese Goldfish and Sequential Loss of Genetic Diversity Accompanies New Breeds. <i>PLoS ONE</i> , 2013, 8, e59571.	2.5	33
67	iDog: an integrated resource for domestic dogs and wild canids. <i>Nucleic Acids Research</i> , 2019, 47, D793-D800.	14.5	33
68	Phylogenetic Relationships of Macaques as Inferred from Restriction Endonuclease Analysis of Mitochondrial DNA. <i>Folia Primatologica</i> , 1993, 60, 7-17.	0.7	32
69	A Phylogeny of Chinese Leaf Monkeys Using Mitochondrial ND3-ND4 Gene Sequences. <i>International Journal of Primatology</i> , 1997, 18, 305-320.	1.9	30
70	The giant panda (<i>Ailuropoda melanoleuca</i>) somatic nucleus can dedifferentiate in rabbit ooplasm and support early development of the reconstructed egg. <i>Science in China Series C: Life Sciences</i> , 1999, 42, 346-353.	1.3	30
71	Structural variation during dog domestication: insights from gray wolf and dhole genomes. <i>National Science Review</i> , 2019, 6, 110-122.	9.5	30
72	Mitochondrial DNA variation, effective female population size and population history of the endangered Chinese sturgeon, <i>Acipenser sinensis</i> . <i>Conservation Genetics</i> , 2003, 4, 673-683.	1.5	29

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73	Phylogeny of the <i>Cyrtodactylus irregularis</i> species complex (Squamata: Gekkonidae) from Vietnam with the description of two new species. <i>Zootaxa</i> , 2013, 3737, 399.	0.5	29
74	DNA methylation signatures of long intergenic noncoding RNAs in porcine adipose and muscle tissues. <i>Scientific Reports</i> , 2015, 5, 15435.	3.3	29
75	Comparative genome anatomy reveals evolutionary insights into a unique amphitriploid fish. <i>Nature Ecology and Evolution</i> , 2022, 6, 1354-1366.	7.8	29
76	<i>Drosophila subpulchrella</i> , a new species of the <i>Drosophila suzukii</i> species subgroup from Japan and China (Diptera: Drosophilidae). <i>Entomological Science</i> , 2006, 9, 121-128.	0.6	28
77	“Out of Pollen” Hypothesis for Origin of New Genes in Flowering Plants: Study from <i>Arabidopsis thaliana</i> . <i>Genome Biology and Evolution</i> , 2014, 6, 2822-2829.	2.5	28
78	A Matrilineal Genetic Legacy from the Last Glacial Maximum Confers Susceptibility to Schizophrenia in Han Chinese. <i>Journal of Genetics and Genomics</i> , 2014, 41, 397-407.	3.9	28
79	Evolutionary and Functional Novelty of Pancreatic Ribonuclease: a Study of Musteloidea (order) Tj ETQq1 1 0.784314 rgBT / Overlock 10	3.3	28
80	Genome-wide genetic structure and selection signatures for color in 10 traditional Chinese yellow-feathered chicken breeds. <i>BMC Genomics</i> , 2020, 21, 316.	2.8	27
81	Ancient inland human dispersals from Myanmar into interior East Asia since the Late Pleistocene. <i>Scientific Reports</i> , 2015, 5, 9473.	3.3	26
82	Hybrid assembly of ultra-long Nanopore reads augmented with 10x-Genomics contigs: Demonstrated with a human genome. <i>Genomics</i> , 2019, 111, 1896-1901.	2.9	26
83	Evolutionary analysis and lineage designation of SARS-CoV-2 genomes. <i>Science Bulletin</i> , 2021, 66, 2297-2311.	9.0	26
84	Electrochemical sensor for human norovirus based on covalent organic framework/pillararene heterosupramolecular nanocomposites. <i>Talanta</i> , 2022, 237, 122896.	5.5	26
85	Barcoding utility in a mega-diverse, cross-continental genus: keeping pace with <i>Cyrtodactylus</i> geckos. <i>Scientific Reports</i> , 2017, 7, 5592.	3.3	24
86	Molecular phylogenetic systematics of twelve species of Acipenseriformes based on mtDNAND4Lâ”ND4 gene sequence analysis. <i>Science in China Series C: Life Sciences</i> , 2000, 43, 129-137.	1.3	23
87	Low genetic variation of <i>Penaeus chinensis</i> as revealed by mitochondrial COI and 16S rRNA gene sequences. <i>Biochemical Genetics</i> , 2001, 39, 279-284.	1.7	23
88	Phylogeographic analysis of mitochondrial DNA haplogroup F2 in China reveals T12338C in the initiation codon of the ND5 gene not to be pathogenic. <i>Journal of Human Genetics</i> , 2004, 49, 414-423.	2.3	23
89	Genetic consequences of postglacial colonization by the endemic Yarkand hare (<i>Lepus yarkandensis</i>) of the arid Tarim Basin. <i>Science Bulletin</i> , 2011, 56, 1370-1382.	1.7	23
90	A genome draft of the legless anguid lizard, <i>Ophisaurus gracilis</i> . <i>GigaScience</i> , 2015, 4, 17.	6.4	23

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109	Was chicken domesticated in northern China? New evidence from mitochondrial genomes. <i>Science Bulletin</i> , 2018, 63, 743-746.	9.0	17
110	Title is missing!. <i>Conservation Genetics</i> , 2003, 4, 109-112.	1.5	16
111	Isolation and characterization of microsatellite markers for the endangered <i>Taxus yunnanensis</i> . <i>Conservation Genetics</i> , 2008, 9, 1683-1685.	1.5	16
112	Riddle of the giant panda. <i>Nature</i> , 1991, 352, 573-573.	27.8	15
113	Genetic diversity and divergence in Chinese yak (<i>Bos grunniens</i>) populations inferred from blood protein electrophoresis. <i>Biochemical Genetics</i> , 1997, 35, 13-16.	1.7	15
114	A High Polymorphism Level in <i>Rhinopithecus roxellana</i> . <i>International Journal of Primatology</i> , 2009, 30, 337-351.	1.9	15
115	Pattern of Mutation Rates in the Germline of <i>Drosophila melanogaster</i> Males from a Large-Scale Mutation Screening Experiment. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1503-1514.	1.8	15
116	Caveats about interpretation of ancient chicken mtDNAs from northern China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1970-1.	7.1	15
117	The prion protein gene polymorphisms associated with bovine spongiform encephalopathy susceptibility differ significantly between cattle and buffalo. <i>Infection, Genetics and Evolution</i> , 2015, 36, 531-538.	2.3	15
118	Maternal genomic variability of the wild boar (<i>Sus scrofa</i>) reveals the uniqueness of Eastâ€Caucasian and Central Italian populations. <i>Ecology and Evolution</i> , 2019, 9, 9467-9478.	1.9	15
119	Title is missing!. <i>Conservation Genetics</i> , 2001, 2, 391-395.	1.5	14
120	Transcriptomes reveal the genetic mechanisms underlying ionic regulatory adaptations to salt in the crab-eating frog. <i>Scientific Reports</i> , 2015, 5, 17551.	3.3	14
121	Rapid Evolution of Genes Involved in Learning and Energy Metabolism for Domestication of the Laboratory Rat. <i>Molecular Biology and Evolution</i> , 2017, 34, 3148-3153.	8.9	14
122	Comparative population genomic analysis uncovers novel genomic footprints and genes associated with small body size in Chinese pony. <i>BMC Genomics</i> , 2020, 21, 496.	2.8	14
123	Discovery of a wild, genetically pure Chinese giant salamander creates new conservation opportunities. <i>Zoological Research</i> , 2022, 43, 469-480.	2.1	14
124	Mitochondria1 cytochrome b sequences variation of Protura and molecular systematics of Apterygota. <i>Science Bulletin</i> , 1999, 44, 2031-2036.	1.7	13
125	Ultrasensitive electrochemical detection of Dicer1 3â€²UTR for the fast analysis of alternative cleavage and polyadenylation. <i>Nanoscale</i> , 2017, 9, 4272-4282.	5.6	13
126	Genetic Diversity and Population Structure of East Asian Raccoon Dog (<i>Nyctereutes</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (pro 249-259.	0.7	13

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127	Tracing the Genetic Legacy of the Tibetan Empire in the Balti. <i>Molecular Biology and Evolution</i> , 2021, 38, 1529-1536.	8.9	13
128	Balancing Selection on CDH2 May Be Related to the Behavioral Features of the Belgian Malinois. <i>PLoS ONE</i> , 2014, 9, e110075.	2.5	13
129	Integrative analyses of RNA editing, alternative splicing, and expression of young genes in human brain transcriptome by deep RNA sequencing. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 314-325.	3.3	12
130	Divergence of dim-light vision among bats (order: Chiroptera) as estimated by molecular and electrophysiological methods. <i>Scientific Reports</i> , 2015, 5, 11531.	3.3	12
131	Identification of HNF4A Mutation p.T130I and HNF1A Mutations p.I27L and p.S487N in a Han Chinese Family with Early-Onset Maternally Inherited Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-8.	2.3	12
132	Annotating long intergenic non-coding RNAs under artificial selection during chicken domestication. <i>BMC Evolutionary Biology</i> , 2017, 17, 192.	3.2	12
133	Phenotypic and morphometric differentiation of indigenous chickens from Kenya and other tropical countries augments perspectives for genetic resource improvement and conservation. <i>Poultry Science</i> , 2019, 98, 2747-2755.	3.4	12
134	Defining Individual-Level Genetic Diversity and Similarity Profiles. <i>Scientific Reports</i> , 2020, 10, 5805.	3.3	12
135	Identification of monozygotic twin chimpanzees by microsatellite analysis. <i>American Journal of Primatology</i> , 2000, 52, 101-106.	1.7	11
136	Mitochondrial cytochrome b gene sequence diversity in the Korean hare, <i>Lepus coreanus</i> Thomas (Mammalia, Lagomorpha). <i>Biochemical Genetics</i> , 2001, 39, 417-429.	1.7	11
137	Microsatellite polymorphisms of Sichuan golden monkeys. <i>Science Bulletin</i> , 2005, 50, 2850-2855.	1.7	11
138	Integrative analysis of young genes, positively selected genes and lncRNAs in the development of <i>Drosophila melanogaster</i> . <i>BMC Evolutionary Biology</i> , 2014, 14, 241.	3.2	11
139	PigVar: a database of pig variations and positive selection signatures. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	11
140	A cryptic mitochondrial DNA link between North European and West African dogs. <i>Journal of Genetics and Genomics</i> , 2017, 44, 163-170.	3.9	11
141	The evolutionary genetics of lactase persistence in seven ethnic groups across the Iranian plateau. <i>Human Genomics</i> , 2019, 13, 7.	2.9	11
142	Molecular evolution study in China: progress and future promise. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2007, 362, 973-986.	4.0	10
143	A new genus of anthophilous drosophilids, <i>Impatiophila</i> (Diptera, Drosophilidae): morphology, DNA barcoding and molecular phylogeny, with descriptions of thirty-nine new species. <i>Zootaxa</i> , 2016, 4120, 1.	0.5	10
144	Genetic variation of Nigerian cattle inferred from maternal and paternal genetic markers. <i>PeerJ</i> , 2021, 9, e10607.	2.0	10

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145	Best practices for analyzing imputed genotypes from low-pass sequencing in dogs. <i>Mammalian Genome</i> , 2022, 33, 213-229.	2.2	10
146	Extraction, PCR amplification, and sequencing of mitochondrial DNA from scent mark and feces in the giant panda. <i>Zoo Biology</i> , 1998, 17, 499-504.	1.2	9
147	Title is missing!. <i>Biochemical Genetics</i> , 2000, 38, 147-153.	1.7	9
148	Blood protein polymorphism in <i>B. frontalis</i> , <i>B. grunniens</i> , <i>B. taurus</i> , and <i>B. indicus</i> . <i>Biochemical Genetics</i> , 2000, 38, 413-416.	1.7	9
149	Sequence of mitochondrial DNA cytochrome oxidase II in <i>Cryptopygus nanjiensis</i> and Phylogeny of Apterygota. <i>Science in China Series C: Life Sciences</i> , 2000, 43, 589-596.	1.3	9
150	Gene duplication plays a major role in gene co-option: Studies into the evolution of the motilin/ghrelin family and their receptors. <i>Science Bulletin</i> , 2011, 56, 2690-2697.	1.7	9
151	Retrieving Y chromosomal haplogroup trees using GWAS data. <i>European Journal of Human Genetics</i> , 2014, 22, 1046-1050.	2.8	9
152	Mitochondrial DNA variation of Nigerian domestic helmeted guinea fowl. <i>Animal Genetics</i> , 2015, 46, 576-579.	1.7	9
153	A Positive Correlation between Elevated Altitude and Frequency of Mutant Alleles at the EPAS1 and HBB Loci in Chinese Indigenous Dogs. <i>Journal of Genetics and Genomics</i> , 2015, 42, 173-177.	3.9	9
154	Dog10K: the International Consortium of Canine Genome Sequencing. <i>National Science Review</i> , 2019, 6, 611-613.	9.5	9
155	Genomes reveal selective sweeps in kiang and donkey for high-altitude adaptation. <i>Zoological Research</i> , 2021, 42, 450-460.	2.1	9
156	Potential dual expansion of domesticated donkeys revealed by worldwide analysis on mitochondrial sequences. <i>Zoological Research</i> , 2020, 41, 51-60.	2.1	9
157	Genome-wide identification of imprinted genes in pigs and their different imprinting status compared with other mammals. <i>Zoological Research</i> , 2020, 41, 721-725.	2.1	9
158	The geographical distribution of grey wolves (<i>Canis lupus</i>) in China: a systematic review. <i>Zoological Research</i> , 2016, 37, 315-326.	2.1	9
159	Pitfalls in the analysis of ancient human mtDNA. <i>Science Bulletin</i> , 2003, 48, 826-830.	1.7	8
160	Reconciling the conflicts between mitochondrial DNA haplogroup trees of <i>Canis lupus</i> . <i>Forensic Science International: Genetics</i> , 2016, 23, 83-85.	3.1	8
161	DNA barcoding reveals commercial fraud related to yak jerky sold in China. <i>Science China Life Sciences</i> , 2016, 59, 106-108.	4.9	8
162	The origin of chow chows in the light of the East Asian breeds. <i>BMC Genomics</i> , 2017, 18, 174.	2.8	8

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163	Analysis of the genetic variation in mitochondrial DNA, Y-chromosome sequences, and MC1R sheds light on the ancestry of Nigerian indigenous pigs. <i>Genetics Selection Evolution</i> , 2017, 49, 52.	3.0	8
164	Higher-level phylogenetic affinities of the Neotropical genus <i>Mastigodryas</i> Amaral, 1934 (Serpentes: Colubridae), species-group definition and description of a new genus for <i>Mastigodryas bifossatus</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019, 57, 205-239.	1.4	8
165	Canine transmissible venereal tumor genome reveals ancient introgression from coyotes to pre-contact dogs in North America. <i>Cell Research</i> , 2019, 29, 592-595.	12.0	7
166	Integrating Genomic and Transcriptomic Data to Reveal Genetic Mechanisms Underlying Piao Chicken Rumpless Trait. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 787-799.	6.9	7
167	Whole-Genome Sequencing Reveals Lactase Persistence Adaptation in European Dogs. <i>Molecular Biology and Evolution</i> , 2021, 38, 4884-4890.	8.9	7
168	Initiation of the Primate Genome Project. <i>Zoological Research</i> , 2022, 43, 147-149.	2.1	7
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