Min-Sheng Peng

List of Publications by Year
in descending order

55	1,266	430874 18	395702 33
papers	citations	h-index	g-index

58	58	58	1870
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide investigations reveal the population structure and selection signatures of Nigerian cattle adaptation in the sub-Saharan tropics. BMC Genomics, 2022, 23, 306.	2.8	4
2	A chromosomeâ€scale reference genome and genomeâ€wide genetic variations elucidate adaptation in yak. Molecular Ecology Resources, 2021, 21, 201-211.	4.8	14
3	Tracing the Genetic Legacy of the Tibetan Empire in the Balti. Molecular Biology and Evolution, 2021, 38, 1529-1536.	8.9	13
4	Genetic variation of Nigerian cattle inferred from maternal and paternal genetic markers. PeerJ, 2021, 9, e10607.	2.0	10
5	Mitochondrial DNA variation of Nigerian dromedary camel (CamelusÂdromedarius). Animal Genetics, 2021, 52, 570-572.	1.7	1
6	Genomic Analyses Unveil Helmeted Guinea Fowl (Numida meleagris) Domestication in West Africa. Genome Biology and Evolution, 2021, 13, .	2.5	6
7	Large-scale genomic analysis reveals the genetic cost of chicken domestication. BMC Biology, 2021, 19, 118.	3.8	22
8	The high diversity of SARS-CoV-2-related coronaviruses in pangolins alters potential ecological risks. Zoological Research, 2021, 42, 833-843.	2.1	20
9	Paleolithic genetic link between Southern China and Mainland Southeast Asia revealed by ancient mitochondrial genomes. Journal of Human Genetics, 2020, 65, 1125-1128.	2.3	11
10	Amphibian assemblages and diversity patterns in two forest ecosystems of Southâ€Eastern Nigeria. African Journal of Ecology, 2020, 58, 815-827.	0.9	6
11	Whole genome resequencing of the Iranian native dogs and wolves to unravel variome during dog domestication. BMC Genomics, 2020, 21, 207.	2.8	6
12	863 genomes reveal the origin and domestication of chicken. Cell Research, 2020, 30, 693-701.	12.0	144
13	Mitochondrial DNA variation of Nigerian Muscovy duck (Cairina moschata). Animal Genetics, 2020, 51, 485-486.	1.7	4
14	Genome-wide genetic structure and selection signatures for color in 10 traditional Chinese yellow-feathered chicken breeds. BMC Genomics, 2020, 21, 316.	2.8	27
15	Potential dual expansion of domesticated donkeys revealed by worldwide analysis on mitochondrial sequences. Zoological Research, 2020, 41, 51-60.	2.1	9
16	Identity-by-Descent Analysis Reveals Susceptibility Loci for Severe Acne in Chinese Han Cohort. Journal of Investigative Dermatology, 2019, 139, 2049-2051.e20.	0.7	5
17	Genetic variation and cryptic lineage diversity of the Nigerian red-headed rock agama Agama agama associate with eco-geographic zones. Environmental Epigenetics, 2019, 65, 713-724.	1.8	2
18	The evolutionary genetics of lactase persistence in seven ethnic groups across the Iranian plateau. Human Genomics, 2019, 13, 7.	2.9	11

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19	Hybrid assembly of ultra-long Nanopore reads augmented with 10x-Genomics contigs: Demonstrated with a human genome. Genomics, 2019, 111, 1896-1901.	2.9	26
20	Complete mitochondrial genome of Sri Lankan Junglefowl (Gallus lafayetti) and phylogenetic study. Mitochondrial DNA Part B: Resources, 2018, 3, 83-84.	0.4	0
21	The uncertainty of population relationship and divergence time inferred by the multiple sequentially Markovian coalescent model. Journal of Human Genetics, 2018, 63, 775-777.	2.3	3
22	Mitochondrial DNA sequence variation in Iranian native dogs. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 394-402.	0.7	1
23	Whole-Genome Sequencing of African Dogs Provides Insights into Adaptations against Tropical Parasites. Molecular Biology and Evolution, 2018, 35, 287-298.	8.9	41
24	Mitochondrial genomes uncover the maternal history of the Pamir populations. European Journal of Human Genetics, 2018, 26, 124-136.	2.8	21
25	Was chicken domesticated in northern China? New evidence from mitochondrial genomes. Science Bulletin, 2018, 63, 743-746.	9.0	17
26	Natatanuran frogs used the Indian Plate to step-stone disperse and radiate across the Indian Ocean. National Science Review, 2018, 6, 10-14.	9.5	34
27	Identity-by-descent refines mapping of candidate regions for preaxial polydactyly II /III in a large Chinese pedigree. Hereditas, 2018, 155, 2.	1.4	0
28	A parallel mechanism underlying frizzle in domestic chickens. Journal of Molecular Cell Biology, 2018, 10, 589-591.	3.3	19
29	An Evolutionary Genomic Perspective on the Breeding of Dwarf Chickens. Molecular Biology and Evolution, 2017, 34, 3081-3088.	8.9	42
30	Sri Lankan pig ancestry revealed by mitochondrial <scp>DNA</scp>, Yâ€chromosome, and <scp>MC</scp>1R. Animal Genetics, 2017, 48, 622-623.	1.7	0
31	mtDNA sequence diversity of Hazara ethnic group from Pakistan. Forensic Science International: Genetics, 2017, 30, e1-e5.	3.1	8
32	Analysis of the genetic variation in mitochondrial DNA, Y-chromosome sequences, and MC1R sheds light on the ancestry of Nigerian indigenous pigs. Genetics Selection Evolution, 2017, 49, 52.	3.0	8
33	A cryptic mitochondrial DNA link between North European and West African dogs. Journal of Genetics and Genomics, 2017, 44, 163-170.	3.9	11
34	Positive selection rather than relaxation of functional constraint drives the evolution of vision during chicken domestication. Cell Research, 2016, 26, 556-573.	12.0	69
35	Questioning the evidence for a Central Asian domestication origin of dogs. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2554-5.	7.1	6
36	EMPOP-quality mtDNA control region sequences from Kashmiri of Azad Jammu & Kashmir, Pakistan. Forensic Science International: Genetics, 2016, 25, 125-131.	3.1	16

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37	An ancient record of an avian hybrid and the potential uses of art in ecology and conservation. Ibis, 2016, 158, 444-445.	1.9	5
38	Comparative population genomics reveals genetic basis underlying body size of domestic chickens. Journal of Molecular Cell Biology, 2016, 8, 542-552.	3.3	41
39	Was ADH1B under Selection in European Populations?. American Journal of Human Genetics, 2016, 99, 1217-1219.	6.2	3
40	Reconciling the conflicts between mitochondrial DNA haplogroup trees of Canis lupus. Forensic Science International: Genetics, 2016, 23, 83-85.	3.1	8
41	Re-evaluating data quality of dog mitochondrial, Y chromosomal, and autosomal SNPs genotyped by SNP array. Zoological Research, 2016, 37, 356-360.	2.1	0
42	Mitochondrial <scp>DNA</scp> variation of <scp>N</scp>igerian domestic helmeted guinea fowl. Animal Genetics, 2015, 46, 576-579.	1.7	9
43	DomeTree: a canonical toolkit for mitochondrial <scp>DNA</scp> analyses in domesticated animals. Molecular Ecology Resources, 2015, 15, 1238-1242.	4.8	45
44	Caveats about interpretation of ancient chicken mtDNAs from northern China. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1970-1.	7.1	15
45	Genomic Analyses Reveal Potential Independent Adaptation to High Altitude in Tibetan Chickens. Molecular Biology and Evolution, 2015, 32, 1880-1889.	8.9	193
46	Complete mtDNA genomes reveal similar penetrances of maternally inherited type 2 diabetes in two Chinese families. Mitochondrial DNA, 2014, 27, 1-10.	0.6	1
47	Domestication Genomics: Evidence from Animals. Annual Review of Animal Biosciences, 2014, 2, 65-84.	7.4	98
48	Retrieving Y chromosomal haplogroup trees using GWAS data. European Journal of Human Genetics, 2014, 22, 1046-1050.	2.8	9
49	No association between Y chromosomal haplogroups and severe acne in the Han Chinese population. Journal of Human Genetics, 2014, 59, 475-476.	2.3	0
50	A Matrilineal Genetic Legacy from the Last Glacial Maximum Confers Susceptibility to Schizophrenia in Han Chinese. Journal of Genetics and Genomics, 2014, 41, 397-407.	3.9	28
51	Lactase persistence may have an independent origin in Tibetan populations from Tibet, China. Journal of Human Genetics, 2012, 57, 394-397.	2.3	20
52	Inland post-glacial dispersal in East Asia revealed by mitochondrial haplogroup M9a'b. BMC Biology, 2011, 9, 2.	3.8	34
53	Tracing the legacy of the early Hainan Islanders - a perspective from mitochondrial DNA. BMC Evolutionary Biology, 2011, 11, 46.	3.2	44
54	Inferring the Population Expansions in Peopling of Japan. PLoS ONE, 2011, 6, e21509.	2.5	7

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55	Tracing the Austronesian Footprint in Mainland Southeast Asia: A Perspective from Mitochondrial DNA. Molecular Biology and Evolution, 2010, 27, 2417-2430.	8.9	68