

# Min-Sheng Peng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5411725/publications.pdf>

Version: 2024-02-01

55  
papers

1,266  
citations

430874

18  
h-index

395702

33  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1870  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	863 genomes reveal the origin and domestication of chicken. <i>Cell Research</i> , 2020, 30, 693-701.	12.0	144
3	Domestication Genomics: Evidence from Animals. <i>Annual Review of Animal Biosciences</i> , 2014, 2, 65-84.	7.4	98
4	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
5	Tracing the Austronesian Footprint in Mainland Southeast Asia: A Perspective from Mitochondrial DNA. <i>Molecular Biology and Evolution</i> , 2010, 27, 2417-2430.	8.9	68
6	DomeTree: a canonical toolkit for mitochondrial <sc>DNA</sc> analyses in domesticated animals. <i>Molecular Ecology Resources</i> , 2015, 15, 1238-1242.	4.8	45
7	Tracing the legacy of the early Hainan Islanders - a perspective from mitochondrial DNA. <i>BMC Evolutionary Biology</i> , 2011, 11, 46.	3.2	44
8	An Evolutionary Genomic Perspective on the Breeding of Dwarf Chickens. <i>Molecular Biology and Evolution</i> , 2017, 34, 3081-3088.	8.9	42
9	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
10	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
11	Inland post-glacial dispersal in East Asia revealed by mitochondrial haplogroup M9a'b. <i>BMC Biology</i> , 2011, 9, 2.	3.8	34
12	Natatanuran frogs used the Indian Plate to step-stone disperse and radiate across the Indian Ocean. <i>National Science Review</i> , 2018, 6, 10-14.	9.5	34
13	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
14	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
15	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
16	Large-scale genomic analysis reveals the genetic cost of chicken domestication. <i>BMC Biology</i> , 2021, 19, 118.	3.8	22
17	Mitochondrial genomes uncover the maternal history of the Pamir populations. <i>European Journal of Human Genetics</i> , 2018, 26, 124-136.	2.8	21
18	Lactase persistence may have an independent origin in Tibetan populations from Tibet, China. <i>Journal of Human Genetics</i> , 2012, 57, 394-397.	2.3	20

#	ARTICLE	IF	CITATIONS
19	The high diversity of SARS-CoV-2-related coronaviruses in pangolins alters potential ecological risks. <i>Zoological Research</i> , 2021, 42, 833-843.	2.1	20
20	A parallel mechanism underlying frizzle in domestic chickens. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 589-591.	3.3	19
21	Was chicken domesticated in northern China? New evidence from mitochondrial genomes. <i>Science Bulletin</i> , 2018, 63, 743-746.	9.0	17
22	EMPOP-quality mtDNA control region sequences from Kashmiri of Azad Jammu & Kashmir, Pakistan. <i>Forensic Science International: Genetics</i> , 2016, 25, 125-131.	3.1	16
23	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
24	A chromosome-scale reference genome and genome-wide genetic variations elucidate adaptation in yak. <i>Molecular Ecology Resources</i> , 2021, 21, 201-211.	4.8	14
25	Tracing the Genetic Legacy of the Tibetan Empire in the Balti. <i>Molecular Biology and Evolution</i> , 2021, 38, 1529-1536.	8.9	13
26	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
27	The evolutionary genetics of lactase persistence in seven ethnic groups across the Iranian plateau. <i>Human Genomics</i> , 2019, 13, 7.	2.9	11
28	Paleolithic genetic link between Southern China and Mainland Southeast Asia revealed by ancient mitochondrial genomes. <i>Journal of Human Genetics</i> , 2020, 65, 1125-1128.	2.3	11
29	Genetic variation of Nigerian cattle inferred from maternal and paternal genetic markers. <i>PeerJ</i> , 2021, 9, e10607.	2.0	10
30	Retrieving Y chromosomal haplogroup trees using GWAS data. <i>European Journal of Human Genetics</i> , 2014, 22, 1046-1050.	2.8	9
31	Mitochondrial DNA variation of Nigerian domestic helmeted guinea fowl. <i>Animal Genetics</i> , 2015, 46, 576-579.	1.7	9
32	Potential dual expansion of domesticated donkeys revealed by worldwide analysis on mitochondrial sequences. <i>Zoological Research</i> , 2020, 41, 51-60.	2.1	9
33	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
34	mtDNA sequence diversity of Hazara ethnic group from Pakistan. <i>Forensic Science International: Genetics</i> , 2017, 30, e1-e5.	3.1	8
35	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
36	Inferring the Population Expansions in Peopling of Japan. <i>PLoS ONE</i> , 2011, 6, e21509.	2.5	7

#	ARTICLE	IF	CITATIONS
37	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
38	Amphibian assemblages and diversity patterns in two forest ecosystems of Southâ€Eastern Nigeria. African Journal of Ecology, 2020, 58, 815-827.	0.9	6
39	Whole genome resequencing of the Iranian native dogs and wolves to unravel variome during dog domestication. BMC Genomics, 2020, 21, 207.	2.8	6
40	Genomic Analyses Unveil Helmeted Guinea Fowl ( <i>Numida meleagris</i> ) Domestication in West Africa. Genome Biology and Evolution, 2021, 13, .	2.5	6
41	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
42	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
43	Mitochondrial DNA variation of Nigerian Muscovy duck ( <i>Cairina moschata</i> ). Animal Genetics, 2020, 51, 485-486.	1.7	4
44	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
45	Was ADH1B under Selection in European Populations?. American Journal of Human Genetics, 2016, 99, 1217-1219.	6.2	3
46	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
47	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
48	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
49	Mitochondrial DNA sequence variation in Iranian native dogs. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2018, 29, 394-402.	0.7	1
50	Mitochondrial DNA variation of Nigerian dromedary camel ( <i>Camelus dromedarius</i> ). Animal Genetics, 2021, 52, 570-572.	1.7	1
51	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
52	Sri Lankan pig ancestry revealed by mitochondrial DNA, Y chromosome, and MC1R. Animal Genetics, 2017, 48, 622-623.	1.7	0
53	Complete mitochondrial genome of Sri Lankan Junglefowl ( <i>Gallus lafayetti</i> ) and phylogenetic study. Mitochondrial DNA Part B: Resources, 2018, 3, 83-84.	0.4	0
54	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

#	ARTICLE	IF	CITATIONS
55	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