Ming-Shan Wang

List of Publications by Year
in descending order

31	1,104	567281 15	477307 29
papers	citations	h-index	g-index

33	33	33	1454
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome Sequencing of a Gray Wolf from Peninsular India Provides New Insights into the Evolution and Hybridization of Gray Wolves. Genome Biology and Evolution, 2022, 14, .	2.5	5
2	Genome-wide scan for selection signatures and genes related to heat tolerance in domestic chickens in the tropical and temperate regions in Asia. Poultry Science, 2022, 101, 101821.	3.4	11
3	A polar bear paleogenome reveals extensive ancient gene flow from polar bears into brown bears. Nature Ecology and Evolution, 2022, 6, 936-944.	7.8	10
4	Genomes reveal selective sweeps in kiang and donkey for high-altitude adaptation. Zoological Research, 2021, 42, 450-460.	2.1	9
5	Integrating Genomic and Transcriptomic Data to Reveal Genetic Mechanisms Underlying Piao Chicken Rumpless Trait. Genomics, Proteomics and Bioinformatics, 2021, 19, 787-799.	6.9	7
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	Revisiting the evolutionary history of domestic and wild ducks based on genomic analyses. Zoological Research, 2021, 42, 43-50.	2.1	13
9	NOD1 Is Associated With the Susceptibility of Pekin Duck Flock to Duck Hepatitis A Virus Genotype 3. Frontiers in Immunology, 2021, 12, 766740.	4.8	7
10	Convergent genomic signatures of high-altitude adaptation among domestic mammals. National Science Review, 2020, 7, 952-963.	9.5	52
11	Ancient Hybridization with an Unknown Population Facilitated High-Altitude Adaptation of Canids. Molecular Biology and Evolution, 2020, 37, 2616-2629.	8.9	46
12	Evolution and transition of expression trajectory during human brain development. BMC Evolutionary Biology, 2020, 20, 72.	3.2	10
13	863 genomes reveal the origin and domestication of chicken. Cell Research, 2020, 30, 693-701.	12.0	144
14	Whole genomes and transcriptomes reveal adaptation and domestication of pistachio. Genome Biology, 2019, 20, 79.	8.8	81
15	Complete mitochondrial genome of Sri Lankan Junglefowl (Gallus lafayetti) and phylogenetic study. Mitochondrial DNA Part B: Resources, 2018, 3, 83-84.	0.4	0
16	Out of Southern East Asia of the Brown Rat Revealed by Large-Scale Genome Sequencing. Molecular Biology and Evolution, 2018, 35, 149-158.	8.9	36
17	Was chicken domesticated in northern China? New evidence from mitochondrial genomes. Science Bulletin, 2018, 63, 743-746.	9.0	17
18	Pervasive introgression facilitated domestication and adaptation in the Bos species complex. Nature Ecology and Evolution, 2018, 2, 1139-1145.	7.8	157

#	Article	IF	Citations
19	A parallel mechanism underlying frizzle in domestic chickens. Journal of Molecular Cell Biology, 2018, 10, 589-591.	3.3	19
20	Draft genome of the gayal, Bos frontalis. GigaScience, 2017, 6, 1-7.	6.4	23
21	An Evolutionary Genomic Perspective on the Breeding of Dwarf Chickens. Molecular Biology and Evolution, 2017, 34, 3081-3088.	8.9	42
22	Rapid Evolution of Genes Involved in Learning and Energy Metabolism for Domestication of the Laboratory Rat. Molecular Biology and Evolution, 2017, 34, 3148-3153.	8.9	14
23	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
24	Annotating long intergenic non-coding RNAs under artificial selection during chicken domestication. BMC Evolutionary Biology, 2017, 17, 192.	3.2	12
25	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
26	Olfactory genes in Tibetan wild boar. Nature Genetics, 2016, 48, 972-973.	21.4	6
27	Comparative population genomics reveals genetic basis underlying body size of domestic chickens. Journal of Molecular Cell Biology, 2016, 8, 542-552.	3.3	41
28	Divergence of dim-light vision among bats (order: Chiroptera) as estimated by molecular and electrophysiological methods. Scientific Reports, 2015, 5, 11531.	3.3	12
29	Genomic Analyses Reveal Potential Independent Adaptation to High Altitude in Tibetan Chickens. Molecular Biology and Evolution, 2015, 32, 1880-1889.	8.9	193
30	Accelerated evolution of constraint elements for hematophagic adaptation in mosquitoes. Zoological Research, 2015, 36, 320-7.	0.6	0
31	Domestication of the Dog from the Wolf Was Promoted by Enhanced Excitatory Synaptic Plasticity: A Hypothesis. Genome Biology and Evolution, 2014, 6, 3115-3121.	2.5	38