

Ming-Shan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,104
citations

567281

15
h-index

477307

29
g-index

33
all docs

33
docs citations

33
times ranked

1454
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	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
3	863 genomes reveal the origin and domestication of chicken. <i>Cell Research</i> , 2020, 30, 693-701.	12.0	144
4	Whole genomes and transcriptomes reveal adaptation and domestication of pistachio. <i>Genome Biology</i> , 2019, 20, 79.	8.8	81
5	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
6	Convergent genomic signatures of high-altitude adaptation among domestic mammals. <i>National Science Review</i> , 2020, 7, 952-963.	9.5	52
7	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
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	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
11	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
12	Draft genome of the gayal, <i>Bos frontalis</i> . <i>GigaScience</i> , 2017, 6, 1-7.	6.4	23
13	Large-scale genomic analysis reveals the genetic cost of chicken domestication. <i>BMC Biology</i> , 2021, 19, 118.	3.8	22
14	A parallel mechanism underlying frizzle in domestic chickens. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 589-591.	3.3	19
15	Was chicken domesticated in northern China? New evidence from mitochondrial genomes. <i>Science Bulletin</i> , 2018, 63, 743-746.	9.0	17
16	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
17	Revisiting the evolutionary history of domestic and wild ducks based on genomic analyses. <i>Zoological Research</i> , 2021, 42, 43-50.	2.1	13
18	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

#	ARTICLE	IF	CITATIONS
19	Annotating long intergenic non-coding RNAs under artificial selection during chicken domestication. <i>BMC Evolutionary Biology</i> , 2017, 17, 192.	3.2	12
20	Genome-wide scan for selection signatures and genes related to heat tolerance in domestic chickens in the tropical and temperate regions in Asia. <i>Poultry Science</i> , 2022, 101, 101821.	3.4	11
21	Evolution and transition of expression trajectory during human brain development. <i>BMC Evolutionary Biology</i> , 2020, 20, 72.	3.2	10
22	A polar bear paleogenome reveals extensive ancient gene flow from polar bears into brown bears. <i>Nature Ecology and Evolution</i> , 2022, 6, 936-944.	7.8	10
23	Genomes reveal selective sweeps in kiang and donkey for high-altitude adaptation. <i>Zoological Research</i> , 2021, 42, 450-460.	2.1	9
24	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
25	NOD1 Is Associated With the Susceptibility of Pekin Duck Flock to Duck Hepatitis A Virus Genotype 3. <i>Frontiers in Immunology</i> , 2021, 12, 766740.	4.8	7
26	Olfactory genes in Tibetan wild boar. <i>Nature Genetics</i> , 2016, 48, 972-973.	21.4	6
27	Genomic Analyses Unveil Helmeted Guinea Fowl (<i>Numida meleagris</i>) Domestication in West Africa. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	6
28	Genome Sequencing of a Gray Wolf from Peninsular India Provides New Insights into the Evolution and Hybridization of Gray Wolves. <i>Genome Biology and Evolution</i> , 2022, 14, .	2.5	5
29	Sri Lankan pig ancestry revealed by mitochondrial DNA, Y-chromosome, and <i>MC1R</i> . <i>Animal Genetics</i> , 2017, 48, 622-623.	1.7	0
30	Complete mitochondrial genome of Sri Lankan Junglefowl (<i>Gallus lafayetti</i>) and phylogenetic study. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 83-84.	0.4	0
31	Accelerated evolution of constraint elements for hematophagic adaptation in mosquitoes. <i>Zoological Research</i> , 2015, 36, 320-7.	0.6	0