List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A Draft Sequence of the Neandertal Genome. Science, 2010, 328, 710-722.	12.6	3,588
2	Genetic history of an archaic hominin group from Denisova Cave in Siberia. Nature, 2010, 468, 1053-1060.	27.8	1,537
3	Harnessing the power of RADseq for ecological and evolutionary genomics. Nature Reviews Genetics, 2016, 17, 81-92.	16.3	1,169
4	The complete mitochondrial DNA genome of an unknown hominin from southern Siberia. Nature, 2010, 464, 894-897.	27.8	659
5	A Complete Neandertal Mitochondrial Genome Sequence Determined by High-Throughput Sequencing. Cell, 2008, 134, 416-426.	28.9	503
6	Targeted Retrieval and Analysis of Five Neandertal mtDNA Genomes. Science, 2009, 325, 318-321.	12.6	456
7	The bonobo genome compared with the chimpanzee and human genomes. Nature, 2012, 486, 527-531.	27.8	445
8	Rabbit genome analysis reveals a polygenic basis for phenotypic change during domestication. Science, 2014, 345, 1074-1079.	12.6	343
9	Unlocking the vault: nextâ€generation museum population genomics. Molecular Ecology, 2013, 22, 6018-6032.	3.9	329
10	Targeted capture in evolutionary and ecological genomics. Molecular Ecology, 2016, 25, 185-202.	3.9	295
11	Targeted Investigation of the Neandertal Genome by Array-Based Sequence Capture. Science, 2010, 328, 723-725.	12.6	255
12	Transcriptome-based exon capture enables highly cost-effective comparative genomic data collection at moderate evolutionary scales. BMC Genomics, 2012, 13, 403.	2.8	253
13	Adaptive introgression underlies polymorphic seasonal camouflage in snowshoe hares. Science, 2018, 360, 1355-1358.	12.6	234
14	INVESTIGATING THE EVOLUTIONARY HISTORY OF THE PACIFIC NORTHWEST MESIC FOREST ECOSYSTEM: HYPOTHESIS TESTING WITHIN A COMPARATIVE PHYLOGEOGRAPHIC FRAMEWORK. Evolution; International Journal of Organic Evolution, 2005, 59, 1639-1652.	2.3	183
15	Ancient hybridization and mitochondrial capture between two species of chipmunks. Molecular Ecology, 2008, 17, 1313-1327.	3.9	162
16	A Complex Genetic Basis to X-Linked Hybrid Male Sterility Between Two Species of House Mice. Genetics, 2008, 179, 2213-2228.	2.9	143
17	ASYMMETRY AND POLYMORPHISM OF HYBRID MALE STERILITY DURING THE EARLY STAGES OF SPECIATION IN HOUSE MICE. Evolution; International Journal of Organic Evolution, 2007, 62, 071115145922007-???.	2.3	139
18	Widespread Over-Expression of the X Chromosome in Sterile F1 Hybrid Mice. PLoS Genetics, 2010, 6, e1001148.	3.5	111

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19	Function and underlying mechanisms of seasonal colour moulting in mammals and birds: what keeps them changing in a warming world?. Biological Reviews, 2018, 93, 1478-1498.	10.4	109
20	Rates of Protein Evolution Are Positively Correlated with Developmental Timing of Expression During Mouse Spermatogenesis. Molecular Biology and Evolution, 2005, 22, 1044-1052.	8.9	94
21	Winter color polymorphisms identify global hot spots for evolutionary rescue from climate change. Science, 2018, 359, 1033-1036.	12.6	91
22	Negligible nuclear introgression despite complete mitochondrial capture between two species of chipmunks. Evolution; International Journal of Organic Evolution, 2015, 69, 1961-1972.	2.3	88
23	Meiotic Sex Chromosome Inactivation Is Disrupted in Sterile Hybrid Male House Mice. Genetics, 2013, 193, 819-828.	2.9	86
24	The Genomic Architecture of Population Divergence between Subspecies of the European Rabbit. PLoS Genetics, 2014, 10, e1003519.	3.5	82
25	Temporal genomic contrasts reveal rapid evolutionary responses in an alpine mammal during recent climate change. PLoS Genetics, 2019, 15, e1008119.	3.5	70
26	The genomic basis of environmental adaptation in house mice. PLoS Genetics, 2018, 14, e1007672.	3.5	65
27	The composite regulatory basis of the large X-effect in mouse speciation. Molecular Biology and Evolution, 2017, 34, msw243.	8.9	59
28	Rapid neo-sex chromosome evolution and incipient speciation in a major forest pest. Nature Communications, 2017, 8, 1593.	12.8	59
29	Phylogeography of the red-tailed chipmunk (Tamias ruficaudus), a northern Rocky Mountain endemic. Molecular Ecology, 2001, 10, 2683-2695.	3.9	57
30	Bonobos Fall within the Genomic Variation of Chimpanzees. PLoS ONE, 2011, 6, e21605.	2.5	57
31	The Evolution of Polymorphic Hybrid Incompatibilities in House Mice. Genetics, 2018, 209, 845-859.	2.9	50
32	Adaptive Evolution of Proteins Secreted during Sperm Maturation: An Analysis of the Mouse Epididymal Transcriptome. Molecular Biology and Evolution, 2008, 25, 383-392.	8.9	49
33	Phylogenomic Insights into Mouse Evolution Using a Pseudoreference Approach. Genome Biology and Evolution, 2017, 9, 726-739.	2.5	47
34	Spermatogenesis and the Evolution of Mammalian Sex Chromosomes. Trends in Genetics, 2018, 34, 722-732.	6.7	47
35	The Legacy of Recurrent Introgression during the Radiation of Hares. Systematic Biology, 2021, 70, 593-607.	5.6	47
36	The Contribution of the Y Chromosome to Hybrid Male Sterility in House Mice. Genetics, 2012, 191, 1271-1281.	2.9	45

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37	Human Adaptive Evolution at Myostatin (GDF8), a Regulator of Muscle Growth. American Journal of Human Genetics, 2006, 79, 1089-1097.	6.2	41
38	Comparative Population Genomics of the Ejaculate in Humans and the Great Apes. Molecular Biology and Evolution, 2013, 30, 964-976.	8.9	40
39	A high-throughput method for unbiased quantitation and categorization of nuclear morphology. Biology of Reproduction, 2019, 100, 1250-1260.	2.7	38
40	Parentâ€ofâ€origin growth effects and the evolution of hybrid inviability in dwarf hamsters. Evolution; International Journal of Organic Evolution, 2014, 68, 3134-3148.	2.3	37
41	Genomic imprinting, disrupted placental expression, and speciation. Evolution; International Journal of Organic Evolution, 2016, 70, 2690-2703.	2.3	32
42	Contrasting Levels of Molecular Evolution on the Mouse X Chromosome. Genetics, 2016, 203, 1841-1857.	2.9	32
43	The Origin and Spread of Locally Adaptive Seasonal Camouflage in Snowshoe Hares. American Naturalist, 2020, 196, 316-332.	2.1	29
44	Molecular Correlates of Genes Exhibiting RNAi Phenotypes in Caenorhabditis elegans. Genome Research, 2003, 13, 2651-2657.	5.5	28
45	The transcriptional landscape of seasonal coat colour moult in the snowshoe hare. Molecular Ecology, 2017, 26, 4173-4185.	3.9	27
46	Whole exome sequencing of wild-derived inbred strains of mice improves power to link phenotype and genotype. Mammalian Genome, 2017, 28, 416-425.	2.2	25
47	The population genetics of crypsis in vertebrates: recent insights from mice, hares, and lizards. Heredity, 2020, 124, 1-14.	2.6	24
48	Adaptive Protein Evolution and Regulatory Divergence in Drosophila. Molecular Biology and Evolution, 2006, 23, 1101-1103.	8.9	23
49	Extraordinary Sequence Divergence at Tsga8, an X-linked Gene Involved in Mouse Spermiogenesis. Molecular Biology and Evolution, 2011, 28, 1675-1686.	8.9	22
50	Diversification, Introgression, and Rampant Cytonuclear Discordance in Rocky Mountains Chipmunks (Sciuridae: <i>Tamias</i>). Systematic Biology, 2021, 70, 908-921.	5.6	20
51	Convergent evolution of seasonal camouflage in response to reduced snow cover across the snowshoe hare range*. Evolution; International Journal of Organic Evolution, 2020, 74, 2033-2045.	2.3	19
52	Transposable Element Orientation Bias in the Drosophila melanogaster Genome. Journal of Molecular Evolution, 2005, 61, 733-741.	1.8	18
53	Molecular Evolution across Mouse Spermatogenesis. Molecular Biology and Evolution, 2022, 39,	8.9	18
54	Multiple paternity in wild aught Drosophila mojavensis. Molecular Ecology, 2006, 15, 2253-2260.	3.9	16

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55	Transcriptomic regulation of seasonal coat color change in hares. Ecology and Evolution, 2020, 10, 1180-1192.	1.9	16
56	On Characterizing Adaptive Events Unique to Modern Humans. Genome Biology and Evolution, 2011, 3, 791-798.	2.5	15
57	The Conflict within and the Escalating War between the Sex Chromosomes. PLoS Genetics, 2012, 8, e1002955.	3.5	14
58	Unraveling patterns of disrupted gene expression across a complex tissue. Evolution; International Journal of Organic Evolution, 2022, 76, 275-291.	2.3	14
59	An Annotated Draft Genome of the Mountain Hare (Lepus timidus). Genome Biology and Evolution, 2020, 12, 3656-3662.	2.5	13
60	Comparative Phylogenomic Assessment of Mitochondrial Introgression among Several Species of Chipmunks (TAMIAS). Genome Biology and Evolution, 2016, 9, evw254.	2.5	12
61	X chromosome-dependent disruption of placental regulatory networks in hybrid dwarf hamsters. Genetics, 2021, 218, .	2.9	10
62	Stage-specific disruption of X chromosome expression during spermatogenesis in sterile house mouse hybrids. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	8
63	Automated Nuclear Cartography Reveals Conserved Sperm Chromosome Territory Localization across 2 Million Years of Mouse Evolution. Genes, 2019, 10, 109.	2.4	7
64	The genomic basis of high-elevation adaptation in wild house mice (<i>Mus musculus domesticus</i>) from South America. Genetics, 2022, 220, .	2.9	7
65	The Evolution of Widespread Recombination Suppression on the Dwarf Hamster (<i>Phodopus</i>) X Chromosome. Genome Biology and Evolution, 2022, 14,	2.5	2
66	Genomic resolution of cryptic species diversity in chipmunks. Evolution; International Journal of Organic Evolution, 2022, 76, 2004-2019.	2.3	2