

A comprehensive genomic history of extinct and living

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Citation Report

#	ARTICLE	IF	CITATIONS
1	From Jumbo to Dumbo: Cranial Shape Changes in Elephants and Hippos During Phyletic Dwarfing. <i>Evolutionary Biology</i> , 2018, 45, 303-317.	0.5	22
2	Brain Changes during Phyletic Dwarfing in Elephants and Hippos. <i>Brain, Behavior and Evolution</i> , 2018, 92, 167-181.	0.9	14
3	De-Extinction. <i>Genes</i> , 2018, 9, 548.	1.0	47
4	Detecting archaic introgression using an unadmixed outgroup. <i>PLoS Genetics</i> , 2018, 14, e1007641.	1.5	78
5	A Zombie LIF Gene in Elephants Is Upregulated by TP53 to Induce Apoptosis in Response to DNA Damage. <i>Cell Reports</i> , 2018, 24, 1765-1776.	2.9	75
6	African elephant genetics: enigmas and anomalies ^{\$\$^dagger\$\$} . <i>Journal of Genetics</i> , 2019, 98, 1.	0.4	3
7	Improving Species Identification of Ancient Mammals Based on Next-Generation Sequencing Data. <i>Genes</i> , 2019, 10, 509.	1.0	8
8	Evolutionary Models for the Diversification of Placental Mammals Across the KPg Boundary. <i>Frontiers in Genetics</i> , 2019, 10, 1241.	1.1	41
9	Admixture in Mammals and How to Understand Its Functional Implications. <i>BioEssays</i> , 2019, 41, e1900123.	1.2	24
10	Insights from genomes into the evolutionary importance and prevalence of hybridization in nature. <i>Nature Ecology and Evolution</i> , 2019, 3, 170-177.	3.4	348
11	Reticulate evolutionary history of a Western Palaearctic Bat Complex explained by multiple mt<scp>DNA</scp> introgressions in secondary contacts. <i>Journal of Biogeography</i> , 2019, 46, 343-354.	1.4	17
12	Odontogenic ameloblast-associated (ODAM) is inactivated in toothless/enamelless placental mammals and toothed whales. <i>BMC Evolutionary Biology</i> , 2019, 19, 31.	3.2	22
13	Emerging genomic applications in mammalian ecology, evolution, and conservation. <i>Journal of Mammalogy</i> , 2019, 100, 786-801.	0.6	12
14	Multispecies hybridization in birds. <i>Avian Research</i> , 2019, 10, .	0.5	27
15	Brain evolution in Proboscidea (Mammalia, Afrotheria) across the Cenozoic. <i>Scientific Reports</i> , 2019, 9, 9323.	1.6	14
16	Transgressive niche across a salamander hybrid zone revealed by microhabitat analyses. <i>Journal of Biogeography</i> , 2019, 46, 1342-1354.	1.4	13
17	The Mammals of Angola. , 2019, , 357-443.		7
18	Behavioural responses of free-ranging Asian elephants (<i>Elephas maximus</i>) towards dying and dead conspecifics. <i>Primates</i> , 2020, 61, 129-138.	0.7	20

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19	The evolution of Palaeoloxodon skull structure: Disentangling phylogenetic, sexually dimorphic, ontogenetic, and allometric morphological signals. <i>Quaternary Science Reviews</i> , 2020, 229, 106090.	1.4	13
20	Uncovering ecological state dynamics with hidden Markov models. <i>Ecology Letters</i> , 2020, 23, 1878-1903.	3.0	106
21	Competitive mapping allows for the identification and exclusion of human DNA contamination in ancient faunal genomic datasets. <i>BMC Genomics</i> , 2020, 21, 844.	1.2	15
22	Molecular identification and geographic origin of a post-Medieval elephant finding from southwestern Portugal using high-throughput sequencing. <i>Scientific Reports</i> , 2020, 10, 19252.	1.6	8
23	Recent introgression between Taiga Bean Goose and Tundra Bean Goose results in a largely homogeneous landscape of genetic differentiation. <i>Heredity</i> , 2020, 125, 73-84.	1.2	13
24	Genetic evidence of widespread variation in ethanol metabolism among mammals: revisiting the 'myth' of natural intoxication. <i>Biology Letters</i> , 2020, 16, 20200070.	1.0	21
25	Consensify: A Method for Generating Pseudohaploid Genome Sequences from Palaeogenomic Datasets with Reduced Error Rates. <i>Genes</i> , 2020, 11, 50.	1.0	15
26	Abundance, density, and social structure of African forest elephants (<i>Loxodonta cyclotis</i>) in a human-modified landscape in southwestern Gabon. <i>PLoS ONE</i> , 2020, 15, e0231832.	1.1	5
27	Ghost Introgression: Spooky Gene Flow in the Distant Past. <i>BioEssays</i> , 2020, 42, e2000012.	1.2	60
28	Accurate Sex Identification of Ancient Elephant and Other Animal Remains Using Low-Coverage DNA Shotgun Sequencing Data. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 1427-1432.	0.8	14
29	Cryptic Patterns of Speciation in Cryptic Primates: Microendemic Mouse Lemurs and the Multispecies Coalescent. <i>Systematic Biology</i> , 2021, 70, 203-218.	2.7	42
30	Phylotranscriptomic evidence for pervasive ancient hybridization among Old World salamanders. <i>Molecular Phylogenetics and Evolution</i> , 2021, 155, 106967.	1.2	22
31	Genetics and Evolution of Mammalian Coat Pigmentation. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 125-148.	3.6	13
32	Phylogenomics and the Genetic Architecture of the Placental Mammal Radiation. <i>Annual Review of Animal Biosciences</i> , 2021, 9, 29-53.	3.6	32
33	Late Quaternary megafaunal extinctions in India: How much do we know?. <i>Quaternary Science Reviews</i> , 2021, 252, 106740.	1.4	12
34	Predicting sample success for large-scale ancient DNA studies on marine mammals. <i>Molecular Ecology Resources</i> , 2021, 21, 1149-1166.	2.2	6
35	The preservation of ancient DNA in archaeological fish bone. <i>Journal of Archaeological Science</i> , 2021, 126, 105317.	1.2	19
36	The Impact of Purifying and Background Selection on the Inference of Population History: Problems and Prospects. <i>Molecular Biology and Evolution</i> , 2021, 38, 2986-3003.	3.5	56

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37	Million-year-old DNA sheds light on the genomic history of mammoths. <i>Nature</i> , 2021, 591, 265-269.	13.7	179
38	Examining Natural History through the Lens of Palaeogenomics. <i>Trends in Ecology and Evolution</i> , 2021, 36, 258-267.	4.2	26
39	Molecular sexing of degraded DNA from elephants and mammoths: a genotyping assay relevant both to conservation biology and to paleogenetics. <i>Scientific Reports</i> , 2021, 11, 7227.	1.6	2
41	Middle Pleistocene genome calibrates a revised evolutionary history of extinct cave bears. <i>Current Biology</i> , 2021, 31, 1771-1779.e7.	1.8	27
42	The evolution of mammalian brain size. <i>Science Advances</i> , 2021, 7, .	4.7	84
43	Revisiting traditional SSR based methodologies available for elephant genetic studies. <i>Scientific Reports</i> , 2021, 11, 8718.	1.6	3
44	Considerations for Initiating a Wildlife Genomics Research Project in South and South-East Asia. <i>Journal of the Indian Institute of Science</i> , 2021, 101, 243-256.	0.9	6
45	Paleogenomics illuminates the evolutionary history of the extinct Holocene "horned" crocodile of Madagascar, <i>Voay robustus</i> . <i>Communications Biology</i> , 2021, 4, 505.	2.0	16
47	Elephant Genomes Reveal Accelerated Evolution in Mechanisms Underlying Disease Defenses. <i>Molecular Biology and Evolution</i> , 2021, 38, 3606-3620.	3.5	33
48	Limits and convergence properties of the sequentially Markovian coalescent. <i>Molecular Ecology Resources</i> , 2021, 21, 2231-2248.	2.2	22
49	Recovery and analysis of ancient beetle DNA from subfossil packrat middens using high-throughput sequencing. <i>Scientific Reports</i> , 2021, 11, 12635.	1.6	12
50	A novel approach to combatting proboscidean ivory trafficking using a multiplex High-Resolution Melt (M-HRM) assay. <i>Forensic Science International: Genetics</i> , 2021, 53, 102511.	1.6	2
51	Evaluating the role of reference genome phylogenetic distance on evolutionary inference. <i>Molecular Ecology Resources</i> , 2022, 22, 45-55.	2.2	28
52	<i>Mammuthus</i> sp. (Early and Middle Pleistocene Mammoths). <i>Trends in Genetics</i> , 2021, 37, 682-683.	2.9	0
53	The Evolution of Comparative Phylogeography: Putting the Geography (and More) into Comparative Population Genomics. <i>Genome Biology and Evolution</i> , 2022, 14, .	1.1	37
54	Estimating the dwarfing rate of an extinct Sicilian elephant. <i>Current Biology</i> , 2021, 31, 3606-3612.e7.	1.8	12
55	First tracks of newborn straight-tusked elephants (<i>Palaeoloxodon antiquus</i>). <i>Scientific Reports</i> , 2021, 11, 17311.	1.6	8
56	Prevalence and Adaptive Impact of Introgression. <i>Annual Review of Genetics</i> , 2021, 55, 265-283.	3.2	99

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57	International Wildlife Trafficking: A perspective on the challenges and potential forensic genetics solutions. <i>Forensic Science International: Genetics</i> , 2021, 54, 102551.	1.6	20
58	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	13.5	49
59	The ghost of hosts past: impacts of host extinction on parasite specificity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200351.	1.8	14
60	A SMRT approach for targeted amplicon sequencing of museum specimens (Lepidoptera)â€”patterns of nucleotide misincorporation. <i>PeerJ</i> , 2021, 9, e10420.	0.9	11
61	Pervasive duplication of tumor suppressors in Afrotherians during the evolution of large bodies and reduced cancer risk. <i>ELife</i> , 2021, 10, .	2.8	38
62	An efficient pipeline for ancient DNA mapping and recovery of endogenous ancient DNA from wholeâ€”genome sequencing data. <i>Ecology and Evolution</i> , 2021, 11, 390-401.	0.8	6
70	The Sicilian Wolf: Genetic Identity of a Recently Extinct Insular Population. <i>Zoological Science</i> , 2019, 36, 189.	0.3	14
71	Recurrent loss of <i>HMGC2</i> shows that ketogenesis is not essential for the evolution of large mammalian brains. <i>ELife</i> , 2018, 7, .	2.8	32
72	<i>Mammot pacificus</i> sp. nov., a newly recognized species of mastodon from the Pleistocene of western North America. <i>PeerJ</i> , 2019, 7, e6614.	0.9	14
74	A new straight-tusked elephant tooth from Soulac-sur-Mer (Gironde, France). <i>Review of elephant discoveries in the northern MÃ©doc. Quaternaire</i> , 2019, , 21-30.	0.1	0
77	Identification of a novel hybrid zone within the black-footed rock-wallaby (<i>Petrogale lateralis</i>) in Western Australia. <i>Australian Journal of Zoology</i> , 2020, 68, 98.	0.6	3
78	Defining the Island Dwarfing Rate of an Extinct Sicilian Elephant Using Ancient DNA. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
79	Reconstructing protein-coding sequences from ancient DNA. <i>Methods in Enzymology</i> , 2020, 642, 21-33.	0.4	0
80	Badania kopalnego DNA â€” moÅ¼liwoÅ›ci i ograniczenia. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2021, 75, 599-610.	0.1	0
83	Ancient hybridization patterns between bighorn and thinhorn sheep. <i>Molecular Ecology</i> , 2021, 30, 6273-6288.	2.0	4
84	Revisiting proboscidean phylogeny and evolution through total evidence and palaeogenetic analyses including <i>Notiomastodon</i> ancient DNA. <i>IScience</i> , 2022, 25, 103559.	1.9	13
86	Proboscideans on Parade: A review of the migratory behaviour of elephants, mammoths, and mastodons. <i>Quaternary Science Reviews</i> , 2022, 277, 107304.	1.4	4
87	Pleistocene mitogenomes reconstructed from the environmental DNA of permafrost sediments. <i>Current Biology</i> , 2022, 32, 851-860.e7.	1.8	13

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88	Ancient and historical DNA in conservation policy. <i>Trends in Ecology and Evolution</i> , 2022, 37, 420-429.	4.2	31
89	A Review of Human-Elephant Ecological Relations in the Malay Peninsula: Adaptations for Coexistence. <i>Diversity</i> , 2022, 14, 36.	0.7	7
90	African elephant genetics: enigmas and anomalies. <i>Journal of Genetics</i> , 2019, 98, .	0.4	1
91	Genomic variation from an extinct species is retained in the extant radiation following speciation reversal. <i>Nature Ecology and Evolution</i> , 2022, 6, 461-468.	3.4	12
93	The Fossil Record of Continental Elephants and Mammoths (Mammalia: Proboscidea: Elephantidae) in Greece. , 2022, , 345-391.		1
95	Estimating bonobo (<i>Pan</i>) and chimpanzee (<i>Pan troglodytes</i>) evolutionary history from nucleotide site patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200858119.	3.3	5
96	Spatially varying selection between habitats drives physiological shifts and local adaptation in a broadcast spawning coral on a remote atoll in Western Australia. <i>Science Advances</i> , 2022, 8, eabl9185.	4.7	15
97	Multiple Lines of Ecological Evidence Support Ancient Contact Between the African Wild Dog and the Dhole. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	0
98	Approaches to the Detection of Hybridization Events and Genetic Introgression upon Phylogenetic Incongruence. <i>Biology Bulletin Reviews</i> , 2022, 12, 240-253.	0.3	1
101	Evolutionary consequences of genomic deletions and insertions in the woolly mammoth genome. <i>IScience</i> , 2022, 25, 104826.	1.9	2
102	A novel lineage of the <i>Capra</i> genus discovered in the Taurus Mountains of Turkey using ancient genomics. <i>ELife</i> , 0, 11, .	2.8	1
103	An overview of <i>Palaeoloxodon naumanni</i> , the <i>Palaeoloxodon</i> (Elephantidae) of the far east: distribution, morphology and habitat. <i>Historical Biology</i> , 0, , 1-18.	0.7	0
104	å½, ä½, è½ æ½ ç½ »½ ”½ ”½ %½ ©½ Ž½ Ž½ °½ ”½ ä½ º½ ç½ ¼½ ~½ %½ ©½ ç½ ç½ „½ Š½ è½ f½ ½ ä½ Ÿ½ ä½ ç½ „½ „½ •½ å½ ¼½, ¼½ Ÿ½. <i>Diqiu Kexue - Zhongguo Dizhi Daxue Xuebao/Earth Geosciences</i> , 2022, 47, 3821.	0.1	0
106	Paleoneurology of the Proboscidea (Mammalia, Afrotheria): Insights from Their Brain Endocast and Labyrinth. , 2023, , 579-644.		0
108	Combining methods for non-invasive fecal DNA enables whole genome and metagenomic analyses in wildlife biology. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	6
109	Museomics Provides Insights into Conservation and Education: The Instance of an African Lion Specimen from the Museum of Zoology â€œPietro Doderleinâ€. <i>Diversity</i> , 2023, 15, 87.	0.7	4
110	Scientific collections of the Zoological Institute of the Russian Academy of Sciences, Saint Petersburg. <i>Biological Communications</i> , 2022, 67, .	0.4	0
112	Supernumerary Marker Chromosome Identified in Asian Elephant (<i>Elephas maximus</i>). <i>Animals</i> , 2023, 13, 701.	1.0	0

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113	Elephants as an animal model for self-domestication. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	3.3	4
114	Genomics of adaptive evolution in the woolly mammoth. Current Biology, 2023, 33, 1753-1764.e4.	1.8	9
118	Geneticsâ€”The Language of Proteomics. , 2023, , 15-26.		0
133	Speciation and evolutionary trends in Quaternary vertebrates. , 2023, , .		0