Michael Hofreiter

List of Publications by Year
in descending order

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244 papers	22,797 citations	7551 77 h-index	10424 139 g-index
262 all docs	262 docs citations	262 times ranked	18338 citing authors

#	Article	IF	Citations
1	Revisiting proboscidean phylogeny and evolution through total evidence and palaeogenetic analyses including Notiomastodon ancient DNA. IScience, 2022, 25, 103559.	1.9	13
2	Insights into the geographical origin and phylogeographical patterns ofParadisaeabirds-of-paradise. Zoological Journal of the Linnean Society, 2022, 196, 1394-1407.	1.0	1
3	Genomic basis for skin phenotype and cold adaptation in the extinct Stellerâ€™s sea cow. Science Advances, 2022, 8, eabl6496.	4.7	9
4	Ancient genome provides insights into the history of Eurasian lynx in Iberia and Western Europe. Quaternary Science Reviews, 2022, 285, 107518.	1.4	3
5	Evolutionary Divergence and Radula Diversification in Two Ecomorphs from an Adaptive Radiation of Freshwater Snails. Genes, 2022, 13, 1029.	1.0	3
6	Grey wolf genomic history reveals a dual ancestry of dogs. Nature, 2022, 607, 313-320.	13.7	48
7	Phylotranscriptomic evidence for pervasive ancient hybridization among Old World salamanders. Molecular Phylogenetics and Evolution, 2021, 155, 106967.	1.2	22
8	Identifying the true number of specimens of the extinct blue antelope (Hippotragus leucophaeus). Scientific Reports, 2021, 11, 2100.	1.6	9
9	Mitogenomes of historical type specimens unravel the taxonomy of sportive lemurs (<i>Lepilemur</i> spp.) in Northwest Madagascar. Zoological Research, 2021, 42, 428-432.	0.9	5
10	Ancient mitochondrial genomes from Chinese cave hyenas provide insights into the evolutionary history of the genusCrocuta. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202934.	1.2	9
11	The late pleistocene cave bear fauna of the Torrener BÃrenhÃ¶hle in the northern alps (Salzburg,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	0
12	Ecological Specialization and Evolutionary Reticulation in Extant Hyaenidae. Molecular Biology and Evolution, 2021, 38, 3884-3897.	3.5	15
13	Million-year-old DNA sheds light on the genomic history of mammoths. Nature, 2021, 591, 265-269.	13.7	179
14	Middle Pleistocene genome calibrates a revised evolutionary history of extinct cave bears. Current Biology, 2021, 31, 1771-1779.e7.	1.8	27
15	Insight into the introduction of domestic cattle and the process of Neolithization to the Spanish region Galicia by genetic evidence. PLoS ONE, 2021, 16, e0249537.	1.1	3
16	African and Asian leopards are highly differentiated at the genomic level. Current Biology, 2021, 31, 1872-1882.e5.	1.8	20
17	Recovery and analysis of ancient beetle DNA from subfossil packrat middens using high-throughput sequencing. Scientific Reports, 2021, 11, 12635.	1.6	12
18	Molecular Clocks and Archeogenomics of a Late Period Egyptian Date Palm Leaf Reveal Introgression from Wild Relatives and Add Timestamps on the Domestication. Molecular Biology and Evolution, 2021, 38, 4475-4492.	3.5	14

#	Article	IF	Citations
19	Successful application of ancient DNA extraction and library construction protocols to museum wet collection specimens. Molecular Ecology Resources, 2021, 21, 2299-2315.	2.2	36
20	A sliver of the past: The decimation of the genetic diversity of the Mexican wolf. Molecular Ecology, 2021, 30, 6340-6354.	2.0	6
21	Diversity and Paleodemography of the Addax (Addax nasomaculatus), a Saharan Antelope on the Verge of Extinction. Genes, 2021, 12, 1236.	1.0	8
22	Estimating the dwarfing rate of an extinct Sicilian elephant. Current Biology, 2021, 31, 3606-3612.e7.	1.8	12
23	Exploring the Past Biosphere of Chew Bahir/Southern Ethiopia: Cross-Species Hybridization Capture of Ancient Sedimentary DNA from a Deep Drill Core. Frontiers in Earth Science, 2021, 9, .	0.8	8
24	Mitochondrial DNA sequencing of a wet-collection syntype demonstrates the importance of type material as genetic resource for lantern shark taxonomy (Chondrichthyes: Etmopteridae). Royal Society Open Science, 2021, 8, 210474.	1.1	7
25	Progress in forensic bone DNA analysis: Lessons learned from ancient DNA. Forensic Science International: Genetics, 2021, 54, 102538.	1.6	31
26	Ancient DNA from the Asiatic Wild Dog (Cuon alpinus) from Europe. Genes, 2021, 12, 144.	1.0	5
27	Ancient Mitogenomes Provide New Insights into the Origin and Early Introduction of Chinese Domestic Donkeys. Frontiers in Genetics, 2021, 12, 759831.	1.1	2
28	The origins and spread of domestic horses from the Western Eurasian steppes. Nature, 2021, 598, 634-640.	13.7	142
29	Mitochondrial genomes of Late Pleistocene caballine horses from China belong to a separate clade. Quaternary Science Reviews, 2020, 250, 106691.	1.4	9
30	EarlyÂPleistocene origin and extensive intra-species diversity of the extinct cave lion. Scientific Reports, 2020, 10, 12621.	1.6	12
31	Annotated genome sequences of the carnivorous plant Roridula gorgonias and a non-carnivorous relative, Clethra arborea. BMC Research Notes, 2020, 13, 426.	0.6	5
32	â€˜Barcode fishingâ€™ for archival DNA from historical type material overcomes taxonomic hurdles, enabling the description of a new frog species. Scientific Reports, 2020, 10, 19109.	1.6	16
33	Moose genomes reveal past glacial demography and the origin of modern lineages. BMC Genomics, 2020, 21, 854.	1.2	23
34	Target-enriched DNA sequencing from historical type material enables a partial revision of the Madagascar giant stream frogs (genus Mantidactylus). Journal of Natural History, 2020, 54, 87-118.	0.2	16
35	High-throughput DNA sequencing of museum specimens sheds light on the long-missing species of theBokermannohyla claresignatagroup (Anura: Hylidae: Cophomantini). Zoological Journal of the Linnean Society, 2020, 190, 1235-1255.	1.0	20
36	Hyena paleogenomes reveal a complex evolutionary history of cross-continental gene flow between spotted and cave hyena. Science Advances, 2020, 6, eaay0456.	4.7	38

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37	Ancestral mitogenome capture of the Southeast Asian banded linsang. PLoS ONE, 2020, 15, e0234385.	1.1	9
38	Consensify: A Method for Generating Pseudohaploid Genome Sequences from Palaeogenomic Datasets with Reduced Error Rates. Genes, 2020, 11, 50.	1.0	15
39	Heavy reliance on plants for Romanian cave bears evidenced by amino acid nitrogen isotope analysis. Scientific Reports, 2020, 10, 6612.	1.6	19
40	Ancient DNA reveals twenty million years of aquatic life in beavers. Current Biology, 2020, 30, R110-R111.	1.8	4
41	Mitogenomic phylogeny of the Asian colobine genus <i>Trachypithecus</i> with special focus on <i>Trachypithecus phayrei</i> (Blyth, 1847) and description of a new species. Zoological Research, 2020, 41, 656-669.	0.9	13
42	Reconstructing protein-coding sequences from ancient DNA. Methods in Enzymology, 2020, 642, 21-33.	0.4	0
43	Different maternal lineages revealed by ancient mitochondrial genome ofCamelus bactrianusfrom China. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2019, 30, 786-793.	0.7	4
44	Paleogenome Reveals Genetic Contribution of Extinct Giant Panda to Extant Populations. Current Biology, 2019, 29, 1695-1700.e6.	1.8	22
45	Molecular identification of late and terminal Pleistocene Equus ovodovi from northeastern China. PLoS ONE, 2019, 14, e0216883.	1.1	15
46	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. Cell, 2019, 177, 1419-1435.e31.	13.5	195
47	Emergence of a Chimeric Globin Pseudogene and Increased Hemoglobin Oxygen Affinity Underlie the Evolution of Aquatic Specializations in Sirenia. Molecular Biology and Evolution, 2019, 36, 1134-1147.	3.5	7
48	A western route of prehistoric human migration from Africa into the Iberian Peninsula. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182288.	1.2	47
49	Once lost, twice found: Combined analysis of ancient giant panda sequences characterises extinct clade. Journal of Biogeography, 2019, 46, 251-253.	1.4	37
50	Demographic reconstruction from ancient DNA supports rapid extinction of the great auk. ELife, 2019, 8, .	2.8	15
51	Aardwolf Population Diversity and Phylogenetic Positioning Inferred Using Complete Mitochondrial Genomes. African Journal of Wildlife Research, 2019, 49, .	0.2	0
52	Ancient genomes revisit the ancestry of domestic and Przewalskiâ€™s horses. Science, 2018, 360, 111-114.	6.0	241
53	A comprehensive genomic history of extinct and living elephants. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E2566-E2574.	3.3	142
54	Novel Genes, Ancient Genes, and Gene Co-Option Contributed to the Genetic Basis of the Radula, a Molluscan Innovation. Molecular Biology and Evolution, 2018, 35, 1638-1652.	3.5	36

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55	Decline of genetic diversity in ancient domestic stallions in Europe. Science Advances, 2018, 4, eaap9691.	4.7	29
56	Cryptic species in a well-known habitat: applying taxonomics to the amphipod genus Epimeria (Crustacea, Peracarida). Scientific Reports, 2018, 8, 6893.	1.6	15
57	The complete mitochondrial genome of the common vole, Microtus arvalis (Rodentia: Arvicolinae). Mitochondrial DNA Part B: Resources, 2018, 3, 446-447.	0.2	9
58	Improving draft genome contiguity with reference-derived in silico mate-pair libraries. GigaScience, 2018, 7, .	3.3	19
59	Extended and Continuous Decline in Effective Population Size Results in Low Genomic Diversity in the Worldâ€™s Rarest Hyena Species, the Brown Hyena. Molecular Biology and Evolution, 2018, 35, 1225-1237.	3.5	72
60	Historical biogeography of the leopard (Panthera pardus) and its extinct Eurasian populations. BMC Evolutionary Biology, 2018, 18, 156.	3.2	16
61	Ancient DNA from Giant Panda (Ailuropoda melanoleuca) of South-Western China Reveals Genetic Diversity Loss during the Holocene. Genes, 2018, 9, 198.	1.0	14
62	Targeted resequencing of coding <scp>DNA</scp> sequences for <scp>SNP</scp> discovery in nonmodel species. Molecular Ecology Resources, 2018, 18, 1356-1373.	2.2	19
63	Partial genomic survival of cave bears in living brown bears. Nature Ecology and Evolution, 2018, 2, 1563-1570.	3.4	132
64	Optimized <scp>DNA</scp> sampling of ancient bones using Computed Tomography scans. Molecular Ecology Resources, 2018, 18, 1196-1208.	2.2	31
65	Complex Admixture Preceded and Followed the Extinction of Wisent in the Wild. Molecular Biology and Evolution, 2017, 34, msw254.	3.5	30
66	Combined hybridization capture and shotgun sequencing for ancient <scp>DNA</scp> analysis of extinct wild and domestic dromedary camel. Molecular Ecology Resources, 2017, 17, 300-313.	2.2	25
67	Tropical ancient DNA reveals relationships of the extinct Bahamian giant tortoise Chelonoidis alburyorum. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162235.	1.2	55
68	Genome-wide data from two early Neolithic East Asian individuals dating to 7700 years ago. Science Advances, 2017, 3, e1601877.	4.7	100
69	Ancient genomic changes associated with domestication of the horse. Science, 2017, 356, 442-445.	6.0	185
70	Paleogenomic Evidence for Multi-generational Mixing between Neolithic Farmers and Mesolithic Hunter-Gatherers in the Lower Danube Basin. Current Biology, 2017, 27, 1801-1810.e10.	1.8	110
71	Complete mitochondrial genome of a bat-eared fox (Otocyon megalotis), along with phylogenetic considerations. Mitochondrial DNA Part B: Resources, 2017, 2, 298-299.	0.2	2
72	The evolutionary and phylogeographic history of woolly mammoths: a comprehensive mitogenomic analysis. Scientific Reports, 2017, 7, 44585.	1.6	39

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73	Evolutionary History of Saber-Toothed Cats Based on Ancient Mitogenomics. Current Biology, 2017, 27, 3330-3336.e5.	1.8	45
74	Inactivation of thermogenic UCP1 as a historical contingency in multiple placental mammal clades. Science Advances, 2017, 3, e1602878.	4.7	78
75	Origin and dispersal of early domestic pigs in northern China. Scientific Reports, 2017, 7, 5602.	1.6	32
76	A mitogenomic timetree for Darwinâ€™s enigmatic South American mammal Macrauchenia patachonica. Nature Communications, 2017, 8, 15951.	5.8	71
77	Spatiotemporal Dynamics of Genetic Variation in the Iberian Lynx along Its Path to Extinction Reconstructed with Ancient DNA. Molecular Biology and Evolution, 2017, 34, 2893-2907.	3.5	33
78	Comparing mitogenomic timetrees for two African savannah primate genera (Chlorocebus and Papio). Zoological Journal of the Linnean Society, 2017, 181, 471-483.	1.0	15
79	An â€›Aukwardâ€™ Tale: A Genetic Approach to Discover the Whereabouts of the Last Great Auks. Genes, 2017, 8, 164.	1.0	11
80	Ancient mtDNA diversity reveals specific population development of wild horses in Switzerland after the Last Glacial Maximum. PLoS ONE, 2017, 12, e0177458.	1.1	5
81	The contribution of Late Pleistocene megafauna finds to submerged archaeology and the interpretation of ancient coastal landscapes. Journal of Archaeological Science: Reports, 2017, 15, 290-298.	0.2	2
82	Palaeogenomes of Eurasian straight-tusked elephants challenge the current view of elephant evolution. ELife, 2017, 6, .	2.8	50
83	Spotted phenotypes in horses lost attractiveness in the Middle Ages. Scientific Reports, 2016, 6, 38548.	1.6	31
84	Ancient and modern DNA reveal dynamics of domestication and cross-continental dispersal of the dromedary. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6707-6712.	3.3	141
85	Mitochondrial d-loop variation, coat colour and sex identification of Late Iron Age horses in Switzerland. Journal of Archaeological Science: Reports, 2016, 6, 386-396.	0.2	2
86	Barcoding the largest animals on Earth: ongoing challenges and molecular solutions in the taxonomic identification of ancient cetaceans. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150332.	1.8	30
87	The origin of ambling horses. Current Biology, 2016, 26, R697-R699.	1.8	19
88	Ancient DNA reveals differences in behaviour and sociality between brown bears and extinct cave bears. Molecular Ecology, 2016, 25, 4907-4918.	2.0	58
89	Impact of enrichment conditions on crossâ€species capture of fresh and degraded <scp>DNA</scp>. Molecular Ecology Resources, 2016, 16, 42-55.	2.2	70
90	The genetics of an early Neolithic pastoralist from the Zagros, Iran. Scientific Reports, 2016, 6, 31326.	1.6	61

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91	Does cooperation mean kinship between spatially discrete ant nests?. Ecology and Evolution, 2016, 6, 8846-8856.	0.8	8
92	Phylogenetic analyses suggest that diversification and body size evolution are independent in insects. BMC Evolutionary Biology, 2016, 16, 8.	3.2	21
93	Optimal Ancient DNA Yields from the Inner Ear Part of the Human Petrous Bone. PLoS ONE, 2015, 10, e0129102.	1.1	332
94	Interordinal gene capture, the phylogenetic position of Stellerâ€™s sea cow based on molecular and morphological data, and the macroevolutionary history of Sirenia. Molecular Phylogenetics and Evolution, 2015, 91, 178-193.	1.2	75
95	Re-inventing ancient human DNA. Investigative Genetics, 2015, 6, 4.	3.3	19
96	Upper Palaeolithic genomes reveal deep roots of modern Eurasians. Nature Communications, 2015, 6, 8912.	5.8	334
97	Palaeolithic dogs and Pleistocene wolves revisited: a reply to Morey (2014). Journal of Archaeological Science, 2015, 54, 210-216.	1.2	38
98	Kiwi genome provides insights into evolution of a nocturnal lifestyle. Genome Biology, 2015, 16, 147.	3.8	68
99	Resurrecting phenotypes from ancient DNA sequences: promises and perspectives. Canadian Journal of Zoology, 2015, 93, 701-710.	0.4	5
100	Reply to Peng et al.: Archaeological contexts should not be ignored for early chicken domestication. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1972-3.	3.3	4
101	Burial condition is the most important factor for mtDNA PCR amplification success in Palaeolithic equid remains from the Alpine foreland. Archaeological and Anthropological Sciences, 2015, 7, 505-515.	0.7	20
102	Reply to Peters et al.: Further discussions confirm early Holocene chicken domestication in northern China. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2416.	3.3	22
103	Climate impacts on transocean dispersal and habitat in gray whales from the Pleistocene to 2100. Molecular Ecology, 2015, 24, 1510-1522.	2.0	38
104	Ancient proteins resolve the evolutionary history of Darwinâ€™s South American ungulates. Nature, 2015, 522, 81-84.	13.7	273
105	DNA capture reveals transoceanic gene flow in endangered river sharks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13302-13307.	3.3	65
106	Ancient Ethiopian genome reveals extensive Eurasian admixture in Eastern Africa. Science, 2015, 350, 820-822.	6.0	277
107	Ancient DNA: the first three decades. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130371.	1.8	97
108	Twenty-five thousand years of fluctuating selection on leopard complex spotting and congenital night blindness in horses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130386.	1.8	43

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109	Paging through history: parchment as a reservoir of ancient DNA for next generation sequencing. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130379.	1.8	52
110	The future of ancient DNA: Technical advances and conceptual shifts. BioEssays, 2015, 37, 284-293.	1.2	209
111	The last of its kind? Radiocarbon, ancient DNA and stable isotope evidence from a late cave bear (Ursus) Tj ETQq1 1 0.784314 rgBT /Ove	0.7	34
112	Prehistoric genomes reveal the genetic foundation and cost of horse domestication. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E5661-9.	3.3	260
113	Identification of the remains of King Richard III. Nature Communications, 2014, 5, 5631.	5.8	163
114	Early Holocene chicken domestication in northern China. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17564-17569.	3.3	181
115	Genome flux and stasis in a five millennium transect of European prehistory. Nature Communications, 2014, 5, 5257.	5.8	542
116	Ancient mitochondrial <scp>DNA</scp> and the genetic history of <scp>E</scp>urasian beaver (<scp>C</scp>astor fiber) in <scp>E</scp>urope. Molecular Ecology, 2014, 23, 1717-1729.	2.0	24
117	Mitochondrial DNA diversity and evolution of the Pleistocene cave bear complex. Quaternary International, 2014, 339-340, 224-231.	0.7	60
118	A Paleogenomic Perspective on Evolution and Gene Function: New Insights from Ancient DNA. Science, 2014, 343, 1236573.	6.0	197
119	Reconstruction and in vivo analysis of the extinct tbx5 gene from ancient wingless moa (Aves:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.2	10
120	Molecular Phylogeny, Biogeography, and Habitat Preference Evolution of Marsupials. Molecular Biology and Evolution, 2014, 31, 2322-2330.	3.5	189
121	Phylogenetic Distribution of Extant Richness Suggests Metamorphosis Is a Key Innovation Driving Diversification in Insects. PLoS ONE, 2014, 9, e109085.	1.1	115
122	Morphological and genetic evidence for early Holocene cattle management in northeastern China. Nature Communications, 2013, 4, 2755.	5.8	82
123	Mitochondrial Diversity and Distribution of African Green Monkeys (Chlorocebus Gray, 1870). American Journal of Primatology, 2013, 75, 350-360.	0.8	87
124	Palaeolithic dogs and the early domestication of the wolf: a reply to the comments of Crockford and Kuzmin (2012). Journal of Archaeological Science, 2013, 40, 786-792.	1.2	31
125	Effects of late quaternary climate change on <scp>P</scp>alearctic shrews. Global Change Biology, 2013, 19, 1865-1874.	4.2	24
126	Genetic basis and evolutionary causes of colour variation in vertebrates. Seminars in Cell and Developmental Biology, 2013, 24, 515.	2.3	0

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127	Mitogenomic analyses from ancient DNA. Molecular Phylogenetics and Evolution, 2013, 69, 404-416.	1.2	55
128	Losing ground: past history and future fate of <scp>A</scp>rctic small mammals in a changing climate. Global Change Biology, 2013, 19, 1854-1864.	4.2	46
129	Phenotypes from ancient <scp>DNA</scp>: Approaches, insights and prospects. BioEssays, 2013, 35, 690-695.	1.2	25
130	Recalibrating Equus evolution using the genome sequence of an early Middle Pleistocene horse. Nature, 2013, 499, 74-78.	13.7	717
131	A genetically distinct lion (Panthera leo) population from Ethiopia. European Journal of Wildlife Research, 2013, 59, 215-225.	0.7	18
132	A Mitogenomic Phylogeny of Living Primates. PLoS ONE, 2013, 8, e69504.	1.1	217
133	Evidence for a Retroviral Insertion in TRPM1 as the Cause of Congenital Stationary Night Blindness and Leopard Complex Spotting in the Horse. PLoS ONE, 2013, 8, e78280.	1.1	115
134	Capturing protein-coding genes across highly divergent species. BioTechniques, 2013, 54, 321-326.	0.8	175
135	Reply to Bar-Oz and Lev-Yadun: Horse colors in time and space. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1213-E1213.	3.3	1
136	Clovis Age Western Stemmed Projectile Points and Human Coprolites at the Paisley Caves. Science, 2012, 337, 223-228.	6.0	211
137	Ancient biomolecules in Quaternary palaeoecology. Quaternary Science Reviews, 2012, 33, 1-13.	1.4	50
138	Nondestructive DNA Extraction from Museum Specimens. Methods in Molecular Biology, 2012, 840, 93-100.	0.4	21
139	Case Study: Using a Nondestructive DNA Extraction Method to Generate mtDNA Sequences from Historical Chimpanzee Specimens. Methods in Molecular Biology, 2012, 840, 101-110.	0.4	3
140	The genetic history of Europeans. Trends in Genetics, 2012, 28, 496-505.	2.9	102
141	New Life for Ancient DNA. Scientific American, 2012, 307, 46-51.	1.0	8
142	Ancient DNA from marine mammals: Studying long-lived species over ecological and evolutionary timescales. Annals of Anatomy, 2012, 194, 112-120.	1.0	29
143	Special issue ancient DNA. Annals of Anatomy, 2012, 194, 1-2.	1.0	1
144	Ancient DNA extracted from Danish aurochs (Bos primigenius): Genetic diversity and preservation. Annals of Anatomy, 2012, 194, 103-111.	1.0	11

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145	A Biochemicalâ€“Biophysical Study of Hemoglobins from Woolly Mammoth, Asian Elephant, and Humans. Biochemistry, 2011, 50, 7350-7360.	1.2	12
146	Discovery of lost diversity of paternal horse lineages using ancient DNA. Nature Communications, 2011, 2, 450.	5.8	72
147	Species-specific responses of Late Quaternary megafauna to climate and humans. Nature, 2011, 479, 359-364.	13.7	586
148	Niche partitioning between two sympatric genetically distinct cave bears (Ursus spelaeus and Ursus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Quaternary International, 2011, 245, 238-248.	0.7	70
149	Pleistocene bears in the Swabian Jura (Germany): Genetic replacement, ecological displacement, extinctions and survival. Quaternary International, 2011, 245, 225-237.	0.7	80
150	Faunal histories from Holocene ancient DNA. Trends in Ecology and Evolution, 2011, 26, 405-413.	4.2	72
151	Mitochondrial Genomes Reveal Slow Rates of Molecular Evolution and the Timing of Speciation in Beavers (Castor), One of the Largest Rodent Species. PLoS ONE, 2011, 6, e14622.	1.1	46
152	Colours of domestication. Biological Reviews, 2011, 86, 885-899.	4.7	218
153	Multilocus Resolution of Phylogeny and Timescale in the Extant Adaptive Radiation of Hawaiian Honeycreepers. Current Biology, 2011, 21, 1838-1844.	1.8	431
154	Drafting Human Ancestry: What Does the Neanderthal Genome Tell Us about Hominid Evolution? Commentary on Green et al. (2010). Human Biology, 2011, 83, 1-11.	0.4	17
155	Genotypes of predomestic horses match phenotypes painted in Paleolithic works of cave art. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18626-18630.	3.3	85
156	Whole mitochondrial genome sequencing of domestic horses reveals incorporation of extensive wild horse diversity during domestication. BMC Evolutionary Biology, 2011, 11, 328.	3.2	92
157	Molecular breeding of polymerases for resistance to environmental inhibitors. Nucleic Acids Research, 2011, 39, e51-e51.	6.5	58
158	True single-molecule DNA sequencing of a pleistocene horse bone. Genome Research, 2011, 21, 1705-1719.	2.4	114
159	Diversity lost: are all Holarctic large mammal species just relict populations?. Journal of Biology, 2010, 9, 24.	2.7	2
160	The genetic and evolutionary basis of colour variation in vertebrates. Cellular and Molecular Life Sciences, 2010, 67, 2591-2603.	2.4	94
161	A phylogenetic estimate for golden moles (Mammalia, Afrotheria, Chrysochloridae). BMC Evolutionary Biology, 2010, 10, 69.	3.2	29
162	Analysis of ancient human genomes. BioEssays, 2010, 32, 388-391.	1.2	19

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163	Diversity lost: are all Holarctic large mammal species just relict populations?. BMC Biology, 2010, 8, 46.	1.7	47
164	Molecular identification of the extinct mountain goat, Oreamnos harringtoni (Bovidae). Boreas, 2010, 39, 18-23.	1.2	5
165	Ancient DNA sequences point to a large loss of mitochondrial genetic diversity in the saiga antelope (Saiga tatarica) since the Pleistocene. Molecular Ecology, 2010, 19, 4863-4875.	2.0	59
166	Substitutions in woolly mammoth hemoglobin confer biochemical properties adaptive for cold tolerance. Nature Genetics, 2010, 42, 536-540.	9.4	86
167	SHORT COMMUNICATION: A phantom extinction? New insights into extinction dynamics of the Donâ€hare Lepus tanaiticus. Journal of Evolutionary Biology, 2010, 23, 2022-2029.	0.8	15
168	Vertebrate DNA in Fecal Samples from Bonobos and Gorillas: Evidence for Meat Consumption or Artefact?. PLoS ONE, 2010, 5, e9419.	1.1	21
169	Influence of Climate Warming on Arctic Mammals? New Insights from Ancient DNA Studies of the Collared Lemming Dicrostonyx torquatus. PLoS ONE, 2010, 5, e10447.	1.1	48
170	Origin and History of Mitochondrial DNA Lineages in Domestic Horses. PLoS ONE, 2010, 5, e15311.	1.1	129
171	Withering Away–25,000 Years of Genetic Decline Preceded Cave Bear Extinction. Molecular Biology and Evolution, 2010, 27, 975-978.	3.5	117
172	Road blocks on paleogenomesâ€"polymerase extension profiling reveals the frequency of blocking lesions in ancient DNA. Nucleic Acids Research, 2010, 38, e161-e161.	6.5	47
173	Genomic DNA Sequences from Mastodon and Woolly Mammoth Reveal Deep Speciation of Forest and Savanna Elephants. PLoS Biology, 2010, 8, e1000564.	2.6	162
174	Next Generation Sequencing of Ancient DNA: Requirements, Strategies and Perspectives. Genes, 2010, 1, 227-243.	1.0	157
175	Human Evolution. , 2010, , 529-555.		0
176	A rapid columnâ€based ancient DNA extraction method for increased sample throughput. Molecular Ecology Resources, 2010, 10, 677-683.	2.2	164
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