

Eske Willerslev

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

330
papers

37,781
citations

108
h-index

187
g-index

350
ext. papers

47,335
ext. citations

14.9
avg, IF

6.94
L-index

#	Paper	IF	Citations
330	Late Pleistocene palaeoenvironments and a possible glacial refugium on northern Vancouver Island, Canada: Evidence for the viability of early human settlement on the northwest coast of North America. <i>Quaternary Science Reviews</i> , 2022 , 279, 107388	3.9	3
329	A Middle Pleistocene Denisovan molar from the Annamite Chain of northern Laos.. <i>Nature Communications</i> , 2022 , 13, 2557	17.4	3
328	Late Quaternary dynamics of Arctic biota from ancient environmental genomics. <i>Nature</i> , 2021 , 600, 86-93	30.4	12
327	Identifying a living great-grandson of the Lakota Sioux leader Tatanka Iyotake (Sitting Bull). <i>Science Advances</i> , 2021 , 7, eabh2013	14.3	0
326	Peopling of the Americas as inferred from ancient genomics. <i>Nature</i> , 2021 , 594, 356-364	50.4	14
325	Environmental genomics of Late Pleistocene black bears and giant short-faced bears. <i>Current Biology</i> , 2021 , 31, 2728-2736.e8	6.3	6
324	Genomes of Pleistocene Siberian Wolves Uncover Multiple Extinct Wolf Lineages. <i>Current Biology</i> , 2021 , 31, 198-206.e8	6.3	7
323	Genomic Steppe ancestry in skeletons from the Neolithic Single Grave Culture in Denmark. <i>PLoS ONE</i> , 2021 , 16, e0244872	3.7	2
322	Lake Sedimentary DNA Research on Past Terrestrial and Aquatic Biodiversity: Overview and Recommendations. <i>Quaternary</i> , 2021 , 4, 6	2.2	23
321	Ancient DNA analysis. <i>Nature Reviews Methods Primers</i> , 2021 , 1,		21
320	Late Pleistocene paleoecology and phylogeography of woolly rhinoceroses. <i>Quaternary Science Reviews</i> , 2021 , 263, 106993	3.9	3
319	Ancient DNA reveals multiple origins and migration waves of extinct Japanese brown bear lineages. <i>Royal Society Open Science</i> , 2021 , 8, 210518	3.3	0
318	Modern Siberian dog ancestry was shaped by several thousand years of Eurasian-wide trade and human dispersal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
317	Multi-proxy analyses of a mid-15th century Middle Iron Age Bantu-speaker palaeo-faecal specimen elucidates the configuration of the 'ancestral' sub-Saharan African intestinal microbiome. <i>Microbiome</i> , 2020 , 8, 62	16.6	7
316	The dental proteome of Homo antecessor. <i>Nature</i> , 2020 , 580, 235-238	50.4	47
315	Arctic-adapted dogs emerged at the Pleistocene-Holocene transition. <i>Science</i> , 2020 , 368, 1495-1499	33.3	28
314	Re-theorising mobility and the formation of culture and language among the Corded Ware Culture in Europe. CORRIGENDUM. <i>Antiquity</i> , 2020 , 94, 839-839	1	

313	An Ancient Baboon Genome Demonstrates Long-Term Population Continuity in Southern Africa. <i>Genome Biology and Evolution</i> , 2020 , 12, 407-412	3.9	6
312	Influence of past climate change on phylogeography and demographic history of narwhals,. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020 , 287, 20192964	4.4	11
311	AMS dating and ancient DNA analysis of bone relics associated with St John the Baptist from Sveti Ivan (Sozopol, Bulgaria). <i>Journal of Archaeological Science: Reports</i> , 2020 , 29, 102082	0.7	
310	Ancient DNA suggests modern wolves trace their origin to a Late Pleistocene expansion from Beringia. <i>Molecular Ecology</i> , 2020 , 29, 1596-1610	5.7	33
309	Evidence of human occupation in Mexico around the Last Glacial Maximum. <i>Nature</i> , 2020 , 584, 87-92	50.4	58
308	Diverse variola virus (smallpox) strains were widespread in northern Europe in the Viking Age. <i>Science</i> , 2020 , 369,	33.3	42
307	Insights Into Aboriginal Australian Mortuary Practices: Perspectives From Ancient DNA. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	2
306	Pre-extinction Demographic Stability and Genomic Signatures of Adaptation in the Woolly Rhinoceros. <i>Current Biology</i> , 2020 , 30, 3871-3879.e7	6.3	16
305	Ancient Jomon genome sequence analysis sheds light on migration patterns of early East Asian populations. <i>Communications Biology</i> , 2020 , 3, 437	6.7	19
304	Population genomics of the Viking world. <i>Nature</i> , 2020 , 585, 390-396	50.4	35
303	Early Pleistocene enamel proteome from Dmanisi resolves Stephanorhinus phylogeny. <i>Nature</i> , 2019 , 574, 103-107	50.4	70
302	Contaminating viral sequences in high-throughput sequencing viromics: a linkage study of 700 sequencing libraries. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 1277-1285	9.5	57
301	The population history of northeastern Siberia since the Pleistocene. <i>Nature</i> , 2019 , 570, 182-188	50.4	137
300	Unraveling ancestry, kinship, and violence in a Late Neolithic mass grave. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 10705-10710	11.5	56
299	Joint Estimates of Heterozygosity and Runs of Homozygosity for Modern and Ancient Samples. <i>Genetics</i> , 2019 , 212, 587-614	4	26
298	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. <i>Cell</i> , 2019 , 177, 1419-1435.e31	56.2	110
297	Human Disease Variation in the Light of Population Genomics. <i>Cell</i> , 2019 , 177, 115-131	56.2	34
296	Environmental DNA for improved detection and environmental surveillance of schistosomiasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 8931-8940	11.5	54

295	High-Throughput Sequencing-Based Investigation of Viruses in Human Cancers by Multienrichment Approach. <i>Journal of Infectious Diseases</i> , 2019 , 220, 1312-1324	7	7
294	Mitogenomic diversity in Sacred Ibis Mummies sheds light on early Egyptian practices. <i>PLoS ONE</i> , 2019 , 14, e0223964	3.7	10
293	Emergence and Spread of Basal Lineages of <i>Yersinia pestis</i> during the Neolithic Decline. <i>Cell</i> , 2019 , 176, 295-305.e10	56.2	93
292	Origins and genetic legacies of the Caribbean Taino. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 2341-2346	11.5	45
291	Ancient genomes revisit the ancestry of domestic and Przewalski's horses. <i>Science</i> , 2018 , 360, 111-114	33.3	153
290	Ancient pathogen DNA in human teeth and petrous bones. <i>Ecology and Evolution</i> , 2018 , 8, 3534-3542	2.8	23
289	Physiological and Genetic Adaptations to Diving in Sea Nomads. <i>Cell</i> , 2018 , 173, 569-580.e15	56.2	82
288	Genomic insights into the origin and diversification of late maritime hunter-gatherers from the Chilean Patagonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E4006-E4012	11.5	25
287	Disentangling Immediate Adaptive Introgression from Selection on Standing Introgressed Variation in Humans. <i>Molecular Biology and Evolution</i> , 2018 , 35, 623-630	8.3	27
286	Ancient environmental DNA reveals shifts in dominant mutualisms during the late Quaternary. <i>Nature Communications</i> , 2018 , 9, 139	17.4	14
285	Terminal Pleistocene Alaskan genome reveals first founding population of Native Americans. <i>Nature</i> , 2018 , 553, 203-207	50.4	178
284	Demographic analysis of cyanobacteria based on the mutation rates estimated from an ancient ice core. <i>Heredity</i> , 2018 , 120, 562-573	3.6	10
283	Ancient Biomolecules and Evolutionary Inference. <i>Annual Review of Biochemistry</i> , 2018 , 87, 1029-1060	29.1	47
282	Discussion: Are the Origins of Indo-European Languages Explained by the Migration of the Yamnaya Culture to the West?. <i>European Journal of Archaeology</i> , 2018 , 21, 3-17	0.7	10
281	Parasitic infections and resource economy of Danish Iron Age settlement through ancient DNA sequencing. <i>PLoS ONE</i> , 2018 , 13, e0197399	3.7	2
280	Ancient DNA from latrines in Northern Europe and the Middle East (500 BC-1700 AD) reveals past parasites and diet. <i>PLoS ONE</i> , 2018 , 13, e0195481	3.7	46
279	137 ancient human genomes from across the Eurasian steppes. <i>Nature</i> , 2018 , 557, 369-374	50.4	197
278	Ancient hepatitis B viruses from the Bronze Age to the Medieval period. <i>Nature</i> , 2018 , 557, 418-423	50.4	112

277	The first horse herders and the impact of early Bronze Age steppe expansions into Asia. <i>Science</i> , 2018 , 360,	33.3	162
276	Early human dispersals within the Americas. <i>Science</i> , 2018 , 362,	33.3	118
275	Quantitative metaproteomics of medieval dental calculus reveals individual oral health status. <i>Nature Communications</i> , 2018 , 9, 4744	17.4	36
274	A large impact crater beneath Hiawatha Glacier in northwest Greenland. <i>Science Advances</i> , 2018 , 4, eaar8173	31.3	53
273	Ancient nuclear genomes enable repatriation of Indigenous human remains. <i>Science Advances</i> , 2018 , 4, eaau5064	14.3	16
272	The evolutionary history of dogs in the Americas. <i>Science</i> , 2018 , 361, 81-85	33.3	73
271	The prehistoric peopling of Southeast Asia. <i>Science</i> , 2018 , 361, 88-92	33.3	174
270	Ancient human parvovirus B19 in Eurasia reveals its long-term association with humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 7557-7562	11.5	39
269	Tracing the peopling of the world through genomics. <i>Nature</i> , 2017 , 541, 302-310	50.4	338
268	Selection in Europeans on Fatty Acid Desaturases Associated with Dietary Changes. <i>Molecular Biology and Evolution</i> , 2017 , 34, 1307-1318	8.3	50
267	Ancient genomic changes associated with domestication of the horse. <i>Science</i> , 2017 , 356, 442-445	33.3	149
266	Ancient individuals from the North American Northwest Coast reveal 10,000 years of regional genetic continuity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 4093-4098	11.5	50
265	Re-theorising mobility and the formation of culture and language among the Corded Ware Culture in Europe. <i>Antiquity</i> , 2017 , 91, 334-347	1	108
264	The evolutionary and phylogeographic history of woolly mammoths: a comprehensive mitogenomic analysis. <i>Scientific Reports</i> , 2017 , 7, 44585	4.9	34
263	Human evolution: a tale from ancient genomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	34
262	Phylogenomics and Morphology of Extinct Paleognaths Reveal the Origin and Evolution of the Ratites. <i>Current Biology</i> , 2017 , 27, 68-77	6.3	86
261	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017 , 551, 457-463	50.4	1076
260	Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. <i>Science</i> , 2017 , 358, 659-662	33.3	160

259	A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , 2017 , 12, e0178834	3.7	36
258	Cutavirus in Cutaneous Malignant Melanoma. <i>Emerging Infectious Diseases</i> , 2017 , 23, 363-365	10.2	14
257	gargammel: a sequence simulator for ancient DNA. <i>Bioinformatics</i> , 2017 , 33, 577-579	7.2	37
256	Extensive Farming in Estonia Started through a Sex-Biased Migration from the Steppe. <i>Current Biology</i> , 2017 , 27, 2185-2193.e6	6.3	80
255	High Y-chromosomal Differentiation Among Ethnic Groups of Dir and Swat Districts, Pakistan. <i>Annals of Human Genetics</i> , 2017 , 81, 234-248	2.2	6
254	Data sharing: do scientists know best?. <i>Nature</i> , 2017 , 548, 281	50.4	1
253	Evaluating the impact of domestication and captivity on the horse gut microbiome. <i>Scientific Reports</i> , 2017 , 7, 15497	4.9	64
252	Early Modern Humans from Tam Pōling, Laos. <i>Current Anthropology</i> , 2017 , 58, S527-S538	2.1	23
251	Eight Millennia of Matrilineal Genetic Continuity in the South Caucasus. <i>Current Biology</i> , 2017 , 27, 2023-2038.e71	20.8	21
250	Experimental conditions improving in-solution target enrichment for ancient DNA. <i>Molecular Ecology Resources</i> , 2017 , 17, 508-522	8.4	48
249	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. <i>PLoS ONE</i> , 2017 , 12, e0170940	9.7	101
248	Evolutionary Patterns and Processes: Lessons from Ancient DNA. <i>Systematic Biology</i> , 2017 , 66, e1-e29	8.4	53
247	High diversity of picornaviruses in rats from different continents revealed by deep sequencing. <i>Emerging Microbes and Infections</i> , 2016 , 5, e90	18.9	12
246	Vancomycin gene selection in the microbiome of urban <i>Rattus norvegicus</i> from hospital environment. <i>Evolution, Medicine and Public Health</i> , 2016 , 2016, 219-26	3	7
245	A time transect of exomes from a Native American population before and after European contact. <i>Nature Communications</i> , 2016 , 7, 13175	17.4	74
244	Fast, Accurate and Automatic Ancient Nucleosome and Methylation Maps with epiPALEOMIX. <i>Molecular Biology and Evolution</i> , 2016 , 33, 3284-3298	8.3	36
243	A genomic history of Aboriginal Australia. <i>Nature</i> , 2016 , 538, 207-214	50.4	268
242	Genomic analyses inform on migration events during the peopling of Eurasia. <i>Nature</i> , 2016 , 538, 238-242	50.4	234

241	DNA evidence of bowhead whale exploitation by Greenlandic Paleo-Inuit 4,000 years ago. <i>Nature Communications</i> , 2016 , 7, 13389	17.4	38
240	Ancient mtDNA sequences from the First Australians revisited. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 6892-7	11.5	19
239	Population characteristics of a large whale shark aggregation inferred from seawater environmental DNA. <i>Nature Ecology and Evolution</i> , 2016 , 1, 4	12.3	140
238	Environmental DNA from Seawater Samples Correlate with Trawl Catches of Subarctic, Deepwater Fishes. <i>PLoS ONE</i> , 2016 , 11, e0165252	3.7	166
237	Identification of Known and Novel Recurrent Viral Sequences in Data from Multiple Patients and Multiple Cancers. <i>Viruses</i> , 2016 , 8,	6.2	9
236	Next-generation monitoring of aquatic biodiversity using environmental DNA metabarcoding. <i>Molecular Ecology</i> , 2016 , 25, 929-42	5.7	526
235	Substitutions of short heterologous DNA segments of intragenomic or extragenomic origins produce clustered genomic polymorphisms. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 15066-15071	11.5	7
234	Postglacial viability and colonization in North America's ice-free corridor. <i>Nature</i> , 2016 , 537, 45-49	50.4	213
233	POPULATION GENETICS. Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , 2015 , 349, aab3884	33.3	317
232	The ancestry and affiliations of Kennewick Man. <i>Nature</i> , 2015 , 523, 455-458	50.4	157
231	Improving access to endogenous DNA in ancient bones and teeth. <i>Scientific Reports</i> , 2015 , 5, 11184	4.9	135
230	Lake sediment multi-taxon DNA from North Greenland records early post-glacial appearance of vascular plants and accurately tracks environmental changes. <i>Quaternary Science Reviews</i> , 2015 , 117, 152-163	3.9	53
229	Ancient proteins resolve the evolutionary history of Darwin's South American ungulates. <i>Nature</i> , 2015 , 522, 81-4	50.4	210
228	Mitochondrial genomes reveal the extinct Hippidion as an outgroup to all living equids. <i>Biology Letters</i> , 2015 , 11,	3.6	26
227	A recent bottleneck of Y chromosome diversity coincides with a global change in culture. <i>Genome Research</i> , 2015 , 25, 459-66	9.7	235
226	Early divergent strains of <i>Yersinia pestis</i> in Eurasia 5,000 years ago. <i>Cell</i> , 2015 , 163, 571-82	56.2	294
225	Evolutionary Genomics and Conservation of the Endangered Przewalski's Horse. <i>Current Biology</i> , 2015 , 25, 2577-83	6.3	115
224	Tracking the origins of Yakutian horses and the genetic basis for their fast adaptation to subarctic environments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E6889-97	11.5	89

223	Major transitions in human evolution revisited: a tribute to ancient DNA. <i>Journal of Human Evolution</i> , 2015 , 79, 4-20	3.1	35
222	Environmental DNA [An emerging tool in conservation for monitoring past and present biodiversity. <i>Biological Conservation</i> , 2015 , 183, 4-18	6.2	854
221	Ancient and modern environmental DNA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130383	5.8	184
220	Ancient mitochondrial DNA from the northern fringe of the Neolithic farming expansion in Europe sheds light on the dispersion process. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130373	5.8	48
219	The origin and evolution of maize in the Southwestern United States. <i>Nature Plants</i> , 2015 , 1, 14003	11.5	99
218	Pros and cons of methylation-based enrichment methods for ancient DNA. <i>Scientific Reports</i> , 2015 , 5, 11826	4.9	40
217	Characterizing novel endogenous retroviruses from genetic variation inferred from short sequence reads. <i>Scientific Reports</i> , 2015 , 5, 15644	4.9	2
216	Investigation of Human Cancers for Retrovirus by Low-Stringency Target Enrichment and High-Throughput Sequencing. <i>Scientific Reports</i> , 2015 , 5, 13201	4.9	30
215	New Type of Papillomavirus and Novel Circular Single Stranded DNA Virus Discovered in Urban <i>Rattus norvegicus</i> Using Circular DNA Enrichment and Metagenomics. <i>PLoS ONE</i> , 2015 , 10, e0141952	3.7	11
214	Tracing the dynamic life story of a Bronze Age Female. <i>Scientific Reports</i> , 2015 , 5, 10431	4.9	77
213	Population genomics of Bronze Age Eurasia. <i>Nature</i> , 2015 , 522, 167-72	50.4	827
212	Reconstructing ancient genomes and epigenomes. <i>Nature Reviews Genetics</i> , 2015 , 16, 395-408	30.1	151
211	Interordinal gene capture, the phylogenetic position of Steller's sea cow based on molecular and morphological data, and the macroevolutionary history of Sirenia. <i>Molecular Phylogenetics and Evolution</i> , 2015 , 91, 178-93	4.1	45
210	Genome-wide ancestry of 17th-century enslaved Africans from the Caribbean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3669-73	11.5	82
209	Amplification of TruSeq ancient DNA libraries with AccuPrime Pfx: consequences on nucleotide misincorporation and methylation patterns. <i>Science and Technology of Archaeological Research</i> , 2015 , 1, 1-9	1.2	9
208	Spatial and temporal distribution of mass loss from the Greenland Ice Sheet since AD 1900. <i>Nature</i> , 2015 , 528, 396-400	50.4	162
207	Radiocarbon dating of Sacred Ibis mummies from ancient Egypt. <i>Journal of Archaeological Science: Reports</i> , 2015 , 4, 355-361	0.7	8
206	Ancient genomics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130387	3.8	107

205	Traces of ATCV-1 associated with laboratory component contamination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E925-6	11.5	20
204	Target-dependent enrichment of virions determines the reduction of high-throughput sequencing in virus discovery. <i>PLoS ONE</i> , 2015 , 10, e0122636	3.7	24
203	Pathogens and host immunity in the ancient human oral cavity. <i>Nature Genetics</i> , 2014 , 46, 336-44	36.3	353
202	The genome of a Late Pleistocene human from a Clovis burial site in western Montana. <i>Nature</i> , 2014 , 506, 225-9	50.4	357
201	Genomic diversity and admixture differs for Stone-Age Scandinavian foragers and farmers. <i>Science</i> , 2014 , 344, 747-50	33.3	232
200	Characterization of ancient and modern genomes by SNP detection and phylogenomic and metagenomic analysis using PALEOMIX. <i>Nature Protocols</i> , 2014 , 9, 1056-82	18.8	231
199	Population genomics reveal recent speciation and rapid evolutionary adaptation in polar bears. <i>Cell</i> , 2014 , 157, 785-94	56.2	242
198	Derived immune and ancestral pigmentation alleles in a 7,000-year-old Mesolithic European. <i>Nature</i> , 2014 , 507, 225-8	50.4	235
197	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , 2014 , 506, 47-51	50.4	351
196	Upper Palaeolithic Siberian genome reveals dual ancestry of Native Americans. <i>Nature</i> , 2014 , 505, 87-91	50.4	581
195	Paleogenomics. Genomic structure in Europeans dating back at least 36,200 years. <i>Science</i> , 2014 , 346, 1113-8	33.3	232
194	Horizontal transfer of short and degraded DNA has evolutionary implications for microbes and eukaryotic sexual reproduction. <i>BioEssays</i> , 2014 , 36, 1005-10	4.1	17
193	Genome-wide ancestry patterns in Rapanui suggest pre-European admixture with Native Americans. <i>Current Biology</i> , 2014 , 24, 2518-25	6.3	39
192	Two ancient human genomes reveal Polynesian ancestry among the indigenous Botocudos of Brazil. <i>Current Biology</i> , 2014 , 24, R1035-7	6.3	62
191	A Selective Sweep on a Deleterious Mutation in CPT1A in Arctic Populations. <i>American Journal of Human Genetics</i> , 2014 , 95, 584-589	11	86
190	Evolution. An epigenetic window into the past?. <i>Science</i> , 2014 , 345, 511-2	33.3	32
189	Early Americans: respecting ancestors. <i>Science</i> , 2014 , 345, 390	33.3	
188	Rodents of the Caribbean: origin and diversification of hutias unravelled by next-generation museomics. <i>Biology Letters</i> , 2014 , 10,	3.6	71

187	The genetic prehistory of the New World Arctic. <i>Science</i> , 2014 , 345, 1255832	33.3	204
186	Genome-wide analysis of cold adaptation in indigenous Siberian populations. <i>PLoS ONE</i> , 2014 , 9, e98076	3.7	84
185	Ancient DNA reveals matrilineal continuity in present-day Poland over the last two millennia. <i>PLoS ONE</i> , 2014 , 9, e110839	3.7	14
184	Transposable elements in cancer as a by-product of stress-induced evolvability. <i>Frontiers in Genetics</i> , 2014 , 5, 156	4.5	21
183	Genome-wide nucleosome map and cytosine methylation levels of an ancient human genome. <i>Genome Research</i> , 2014 , 24, 454-66	9.7	113
182	Prehistoric genomes reveal the genetic foundation and cost of horse domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5661-9	11.5	197
181	Speciation with gene flow in equids despite extensive chromosomal plasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18655-60	11.5	133
180	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014 , 346, 1320-31	33.3	1182
179	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014 , 346, 1311-20	33.3	628
178	bammds: a tool for assessing the ancestry of low-depth whole-genome data using multidimensional scaling (MDS). <i>Bioinformatics</i> , 2014 , 30, 2962-4	7.2	31
177	A comparative study of ancient environmental DNA to pollen and macrofossils from lake sediments reveals taxonomic overlap and additional plant taxa. <i>Quaternary Science Reviews</i> , 2013 , 75, 161-168	3.9	72
176	Molecular- and pollen-based vegetation analysis in lake sediments from central Scandinavia. <i>Molecular Ecology</i> , 2013 , 22, 3511-24	5.7	65
175	Pulling out the 1%: whole-genome capture for the targeted enrichment of ancient DNA sequencing libraries. <i>American Journal of Human Genetics</i> , 2013 , 93, 852-64	11	221
174	Identification of Polynesian mtDNA haplogroups in remains of Botocudo Amerindians from Brazil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6465-9	11.5	33
173	Bacterial natural transformation by highly fragmented and damaged DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 19860-5	11.5	111
172	Genomic diversity and evolution of the head crest in the rock pigeon. <i>Science</i> , 2013 , 339, 1063-7	33.3	169
171	Fungal palaeodiversity revealed using high-throughput metabarcoding of ancient DNA from arctic permafrost. <i>Environmental Microbiology</i> , 2013 , 15, 1176-89	5.2	93
170	Ancient DNA reveals that bowhead whale lineages survived Late Pleistocene climate change and habitat shifts. <i>Nature Communications</i> , 2013 , 4, 1677	17.4	53

169	Recalibrating Equus evolution using the genome sequence of an early Middle Pleistocene horse. <i>Nature</i> , 2013 , 499, 74-8	50.4	563
168	Reconstructing genome evolution in historic samples of the Irish potato famine pathogen. <i>Nature Communications</i> , 2013 , 4, 2172	17.4	79
167	One Hundred Twenty Years of Koala Retrovirus Evolution Determined from Museum Skins. <i>Molecular Biology and Evolution</i> , 2013 , 30, 1237-1237	8.3	78
166	One hundred twenty years of koala retrovirus evolution determined from museum skins. <i>Molecular Biology and Evolution</i> , 2013 , 30, 299-304	8.3	65
165	Living at the margin of the retreating Fennoscandian Ice Sheet: The early Mesolithic sites at Aareavaara, northernmost Sweden. <i>Holocene</i> , 2013 , 23, 104-116	2.6	9
164	Deep sequencing of RNA from ancient maize kernels. <i>PLoS ONE</i> , 2013 , 8, e50961	3.7	29
163	Ligation bias in illumina next-generation DNA libraries: implications for sequencing ancient genomes. <i>PLoS ONE</i> , 2013 , 8, e78575	3.7	57
162	Screening mammal biodiversity using DNA from leeches. <i>Current Biology</i> , 2012 , 22, R262-3	6.3	105
161	Meta-barcoding of 'dirt' DNA from soil reflects vertebrate biodiversity. <i>Molecular Ecology</i> , 2012 , 21, 1966-79	6.79	180
160	Islands in the ice: detecting past vegetation on Greenlandic nunataks using historical records and sedimentary ancient DNA meta-barcoding. <i>Molecular Ecology</i> , 2012 , 21, 1980-8	5.7	54
159	A comparative study of ancient sedimentary DNA, pollen and macrofossils from permafrost sediments of northern Siberia reveals long-term vegetational stability. <i>Molecular Ecology</i> , 2012 , 21, 1989-2003	5.7	103
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9	Modern wolves trace their origin to a late Pleistocene expansion from Beringia		2
8	Early Pleistocene enamel proteome sequences from Dmanisi resolve <i>Stephanorhinus</i> phylogeny		5

7	The population history of northeastern Siberia since the Pleistocene	1
6	Searching for Mitochondrial DNA in The Egyptian Sacred Ibis Mummies	4
5	Jomon genome sheds light on East Asian population history	6
4	Mitogenomic Diversity in Sacred Ibis Mummies sheds light on early Egyptian practices	1
3	Population genomics of the Viking world	2
2	Demographic and immune-based selection shifts before and after European contact inferred from 50 ancient and modern exomes from the Northwest Coast of North America	1
1	Selection on the FADS region in Europeans	2