

Svante Pbo

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224
papers

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citations

104
h-index

206
g-index

236
ext. papers

51,617
ext. citations

20.9
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7.14
L-index

#	Paper	IF	Citations
224	A draft sequence of the Neandertal genome. <i>Science</i> , 2010 , 328, 710-722	33.3	2599
223	The complete genome sequence of a Neanderthal from the Altai Mountains. <i>Nature</i> , 2014 , 505, 43-9	50.4	1339
222	A high-coverage genome sequence from an archaic Denisovan individual. <i>Science</i> , 2012 , 338, 222-6	33.3	1276
221	Genetic history of an archaic hominin group from Denisova Cave in Siberia. <i>Nature</i> , 2010 , 468, 1053-60	50.4	1169
220	Molecular evolution of FOXP2, a gene involved in speech and language. <i>Nature</i> , 2002 , 418, 869-72	50.4	1128
219	Mitochondrial genome variation and the origin of modern humans. <i>Nature</i> , 2000 , 408, 708-13	50.4	1062
218	Neandertal DNA sequences and the origin of modern humans. <i>Cell</i> , 1997 , 90, 19-30	56.2	962
217	Genetic analyses from ancient DNA. <i>Annual Review of Genetics</i> , 2004 , 38, 645-79	14.5	904
216	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014 , 513, 409-13	50.4	812
215	The evolution of gene expression levels in mammalian organs. <i>Nature</i> , 2011 , 478, 343-8	50.4	787
214	The Simons Genome Diversity Project: 300 genomes from 142 diverse populations. <i>Nature</i> , 2016 , 538, 201-206	50.4	759
213	Complete mitochondrial genome sequence of a Middle Pleistocene cave bear reconstructed from ultrashort DNA fragments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 15758-63	11.5	759
212	Deep proteome and transcriptome mapping of a human cancer cell line. <i>Molecular Systems Biology</i> , 2011 , 7, 548	12.2	723
211	Intra- and interspecific variation in primate gene expression patterns. <i>Science</i> , 2002 , 296, 340-3	33.3	680
210	Ancient DNA. <i>Nature Reviews Genetics</i> , 2001 , 2, 353-9	30.1	667
209	Genome sequence of a 45,000-year-old modern human from western Siberia. <i>Nature</i> , 2014 , 514, 445-9	50.4	635
208	The genomic landscape of Neanderthal ancestry in present-day humans. <i>Nature</i> , 2014 , 507, 354-7	50.4	615

207	Patterns of damage in genomic DNA sequences from a Neandertal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 14616-21	11.5	610
206	Human cerebral organoids recapitulate gene expression programs of fetal neocortex development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15672-7	11.5	579
205	The complete mitochondrial DNA genome of an unknown hominin from southern Siberia. <i>Nature</i> , 2010 , 464, 894-7	50.4	521
204	Analysis of one million base pairs of Neanderthal DNA. <i>Nature</i> , 2006 , 444, 330-6	50.4	511
203	The genetic history of Ice Age Europe. <i>Nature</i> , 2016 , 534, 200-5	50.4	473
202	Parallel patterns of evolution in the genomes and transcriptomes of humans and chimpanzees. <i>Science</i> , 2005 , 309, 1850-4	33.3	460
201	An early modern human from Romania with a recent Neanderthal ancestor. <i>Nature</i> , 2015 , 524, 216-9	50.4	446
200	A humanized version of Foxp2 affects cortico-basal ganglia circuits in mice. <i>Cell</i> , 2009 , 137, 961-71	56.2	427
199	Sequencing and analysis of Neanderthal genomic DNA. <i>Science</i> , 2006 , 314, 1113-8	33.3	415
198	A complete Neanderthal mitochondrial genome sequence determined by high-throughput sequencing. <i>Cell</i> , 2008 , 134, 416-26	56.2	405
197	Molecular cloning of Ancient Egyptian mummy DNA. <i>Nature</i> , 1985 , 314, 644-5	50.4	400
196	Denisova admixture and the first modern human dispersals into Southeast Asia and Oceania. <i>American Journal of Human Genetics</i> , 2011 , 89, 516-28	11	390
195	A revised timescale for human evolution based on ancient mitochondrial genomes. <i>Current Biology</i> , 2013 , 23, 553-559	6.3	387
194	Multiplexed DNA sequence capture of mitochondrial genomes using PCR products. <i>PLoS ONE</i> , 2010 , 5, e14004	3.7	387
193	Targeted retrieval and analysis of five Neanderthal mtDNA genomes. <i>Science</i> , 2009 , 325, 318-21	33.3	387
192	DNA extraction from Pleistocene bones by a silica-based purification method. <i>Nucleic Acids Research</i> , 1993 , 21, 3913-4	20.1	385
191	The derived FOXP2 variant of modern humans was shared with Neandertals. <i>Current Biology</i> , 2007 , 17, 1908-12	6.3	376
190	Generation times in wild chimpanzees and gorillas suggest earlier divergence times in great ape and human evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 15716-21	11.5	365

189	DNA analysis of an early modern human from Tianyuan Cave, China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2223-7	11.5	353
188	The bonobo genome compared with the chimpanzee and human genomes. <i>Nature</i> , 2012 , 486, 527-31	50.4	350
187	Human-specific gene ARHGAP11B promotes basal progenitor amplification and neocortex expansion. <i>Science</i> , 2015 , 347, 1465-70	33.3	347
186	A mitochondrial genome sequence of a hominin from Sima de los Huesos. <i>Nature</i> , 2014 , 505, 403-6	50.4	341
185	Temporal patterns of nucleotide misincorporations and DNA fragmentation in ancient DNA. <i>PLoS ONE</i> , 2012 , 7, e34131	3.7	325
184	Nuclear DNA sequences from the Middle Pleistocene Sima de los Huesos hominins. <i>Nature</i> , 2016 , 531, 504-7	50.4	319
183	The date of interbreeding between Neandertals and modern humans. <i>PLoS Genetics</i> , 2012 , 8, e1002947	6	317
182	Aspm specifically maintains symmetric proliferative divisions of neuroepithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10438-10443	11.5	315
181	A high-coverage Neandertal genome from Vindija Cave in Croatia. <i>Science</i> , 2017 , 358, 655-658	33.3	312
180	Removal of deaminated cytosines and detection of in vivo methylation in ancient DNA. <i>Nucleic Acids Research</i> , 2010 , 38, e87	20.1	283
179	A view of Neandertal genetic diversity. <i>Nature Genetics</i> , 2000 , 26, 144-6	36.3	277
178	Ancient gene flow from early modern humans into Eastern Neanderthals. <i>Nature</i> , 2016 , 530, 429-33	50.4	269
177	Excavating Neandertal and Denisovan DNA from the genomes of Melanesian individuals. <i>Science</i> , 2016 , 352, 235-9	33.3	262
176	No evidence of Neandertal mtDNA contribution to early modern humans. <i>PLoS Biology</i> , 2004 , 2, E57	9.7	261
175	A neutral model of transcriptome evolution. <i>PLoS Biology</i> , 2004 , 2, E132	9.7	251
174	Regional patterns of gene expression in human and chimpanzee brains. <i>Genome Research</i> , 2004 , 14, 1462-73	9.7	245
173	Separating endogenous ancient DNA from modern day contamination in a Siberian Neandertal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2229-34	11.5	244
172	Neanderthals in central Asia and Siberia. <i>Nature</i> , 2007 , 449, 902-4	50.4	243

171	Inactivation of CMP-N-acetylneuraminic acid hydroxylase occurred prior to brain expansion during human evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11736-41	11.5	239
170	Organoid single-cell genomic atlas uncovers human-specific features of brain development. <i>Nature</i> , 2019 , 574, 418-422	50.4	233
169	Excrement analysis by PCR. <i>Nature</i> , 1992 , 359, 199	50.4	225
168	Targeted investigation of the Neandertal genome by array-based sequence capture. <i>Science</i> , 2010 , 328, 723-5	33.3	224
167	Evolution of primate gene expression. <i>Nature Reviews Genetics</i> , 2006 , 7, 693-702	30.1	224
166	Early allelic selection in maize as revealed by ancient DNA. <i>Science</i> , 2003 , 302, 1206-8	33.3	224
165	A complete mtDNA genome of an early modern human from Kostenki, Russia. <i>Current Biology</i> , 2010 , 20, 231-6	6.3	213
164	The major genetic risk factor for severe COVID-19 is inherited from Neanderthals. <i>Nature</i> , 2020 , 587, 610-612	50.4	212
163	Ancient DNA damage. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013 , 5,	10.2	208
162	Mitochondrial genomes reveal an explosive radiation of extinct and extant bears near the Miocene-Pliocene boundary. <i>BMC Evolutionary Biology</i> , 2008 , 8, 220	3	207
161	DNA sequence variation in a non-coding region of low recombination on the human X chromosome. <i>Nature Genetics</i> , 1999 , 22, 78-81	36.3	202
160	Reconstructing Prehistoric African Population Structure. <i>Cell</i> , 2017 , 171, 59-71.e21	56.2	201
159	DNA phylogeny of the extinct marsupial wolf. <i>Nature</i> , 1989 , 340, 465-7	50.4	201
158	The genome of the offspring of a Neanderthal mother and a Denisovan father. <i>Nature</i> , 2018 , 561, 113-116	50.4	197
157	Molecular genetic analyses of the Tyrolean Ice Man. <i>Science</i> , 1994 , 264, 1775-8	33.3	196
156	Genomic sequencing of Pleistocene cave bears. <i>Science</i> , 2005 , 309, 597-9	33.3	191
155	Great ape DNA sequences reveal a reduced diversity and an expansion in humans. <i>Nature Genetics</i> , 2001 , 27, 155-6	36.3	191
154	A nuclear 'fossil' of the mitochondrial D-loop and the origin of modern humans. <i>Nature</i> , 1995 , 378, 489-93	50.4	190

153	Lack of phylogeography in European mammals before the last glaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12963-8	11.5	187
152	Patterns of coding variation in the complete exomes of three Neandertals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6666-71	11.5	175
151	Neandertal and Denisovan DNA from Pleistocene sediments. <i>Science</i> , 2017 , 356, 605-608	33.3	173
150	Palaeoproteomic evidence identifies archaic hominins associated with the Chelpperronian at the Grotte du Renne. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11162-11167	11.5	172
149	Spatial and temporal continuity of kangaroo rat populations shown by sequencing mitochondrial DNA from museum specimens. <i>Journal of Molecular Evolution</i> , 1990 , 31, 101-12	3.1	172
148	Multiplex amplification of the mammoth mitochondrial genome and the evolution of Elephantidae. <i>Nature</i> , 2006 , 439, 724-7	50.4	167
147	A recent evolutionary change affects a regulatory element in the human FOXP2 gene. <i>Molecular Biology and Evolution</i> , 2013 , 30, 844-52	8.3	163
146	MicroRNA-driven developmental remodeling in the brain distinguishes humans from other primates. <i>PLoS Biology</i> , 2011 , 9, e1001214	9.7	159
145	Extension of cortical synaptic development distinguishes humans from chimpanzees and macaques. <i>Genome Research</i> , 2012 , 22, 611-22	9.7	157
144	mtDNA analysis of Nile River Valley populations: A genetic corridor or a barrier to migration?. <i>American Journal of Human Genetics</i> , 1999 , 64, 1166-76	11	156
143	The Neandertal type site revisited: interdisciplinary investigations of skeletal remains from the Neander Valley, Germany. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 13342-7	11.5	155
142	Demographic history and linkage disequilibrium in human populations. <i>Nature Genetics</i> , 1997 , 17, 435-8	36.3	151
141	Polymerase chain reaction reveals cloning artefacts. <i>Nature</i> , 1988 , 334, 387-8	50.4	149
140	Minisatellite diversity supports a recent African origin for modern humans. <i>Nature Genetics</i> , 1996 , 13, 154-60	36.3	146
139	Reconstructing the DNA methylation maps of the Neandertal and the Denisovan. <i>Science</i> , 2014 , 344, 523-7	33.3	142
138	Reconstructing the genetic history of late Neanderthals. <i>Nature</i> , 2018 , 555, 652-656	50.4	138
137	FUNC: a package for detecting significant associations between gene sets and ontological annotations. <i>BMC Bioinformatics</i> , 2007 , 8, 41	3.6	137
136	Conflict among individual mitochondrial proteins in resolving the phylogeny of eutherian orders. <i>Journal of Molecular Evolution</i> , 1998 , 47, 307-22	3.1	135

135	Comparative primate genomics. <i>Annual Review of Genomics and Human Genetics</i> , 2004 , 5, 351-78	9.7	132
134	Aging and gene expression in the primate brain. <i>PLoS Biology</i> , 2005 , 3, e274	9.7	131
133	Humanized Foxp2 accelerates learning by enhancing transitions from declarative to procedural performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 14253-8	11.5	128
132	Differences and similarities between human and chimpanzee neural progenitors during cerebral cortex development. <i>ELife</i> , 2016 , 5,	8.9	128
131	Why do human diversity levels vary at a megabase scale?. <i>Genome Research</i> , 2005 , 15, 1222-31	9.7	125
130	Nuclear and mitochondrial DNA sequences from two Denisovan individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 15696-700	11.5	124
129	Rearrangements of mitochondrial transfer RNA genes in marsupials. <i>Journal of Molecular Evolution</i> , 1991 , 33, 426-30	3.1	119
128	The Neandertal genome and ancient DNA authenticity. <i>EMBO Journal</i> , 2009 , 28, 2494-502	13	118
127	The mosaic that is our genome. <i>Nature</i> , 2003 , 421, 409-12	50.4	118
126	The human condition-a molecular approach. <i>Cell</i> , 2014 , 157, 216-26	56.2	117
125	Selection on human genes as revealed by comparisons to chimpanzee cDNA. <i>Genome Research</i> , 2003 , 13, 831-7	9.7	112
124	40,000-Year-Old Individual from Asia Provides Insight into Early Population Structure in Eurasia. <i>Current Biology</i> , 2017 , 27, 3202-3208.e9	6.3	108
123	Nuclear gene sequences from a late pleistocene sloth coprolite. <i>Current Biology</i> , 2003 , 13, 1150-2	6.3	108
122	The population history of extant and extinct hyenas. <i>Molecular Biology and Evolution</i> , 2005 , 22, 2435-43	8.3	105
121	Evidence for a complex demographic history of chimpanzees. <i>Molecular Biology and Evolution</i> , 2004 , 21, 799-808	8.3	104
120	MicroRNA expression and regulation in human, chimpanzee, and macaque brains. <i>PLoS Genetics</i> , 2011 , 7, e1002327	6	101
119	From micrograms to picograms: quantitative PCR reduces the material demands of high-throughput sequencing. <i>Nucleic Acids Research</i> , 2008 , 36, e5	20.1	100
118	Identification of a new hominin bone from Denisova Cave, Siberia using collagen fingerprinting and mitochondrial DNA analysis. <i>Scientific Reports</i> , 2016 , 6, 23559	4.9	99

117	Molecular breeding of polymerases for amplification of ancient DNA. <i>Nature Biotechnology</i> , 2007 , 25, 939-43	44.5	99
116	Age estimates for hominin fossils and the onset of the Upper Palaeolithic at Denisova Cave. <i>Nature</i> , 2019 , 565, 640-644	50.4	97
115	Organization and evolution of brain lipidome revealed by large-scale analysis of human, chimpanzee, macaque, and mouse tissues. <i>Neuron</i> , 2015 , 85, 695-702	13.9	94
114	Initial Upper Palaeolithic Homo sapiens from Bacho Kiro Cave, Bulgaria. <i>Nature</i> , 2020 , 581, 299-302	50.4	92
113	A comparison of brain gene expression levels in domesticated and wild animals. <i>PLoS Genetics</i> , 2012 , 8, e1002962	6	91
112	Evidence for reproductive isolation between cave bear populations. <i>Current Biology</i> , 2004 , 14, 40-3	6.3	88
111	Ancient DNA analyses reveal high mitochondrial DNA sequence diversity and parallel morphological evolution of late pleistocene cave bears. <i>Molecular Biology and Evolution</i> , 2002 , 19, 1244-50	8.3	88
110	The genetical archaeology of the human genome. <i>Nature Genetics</i> , 1996 , 14, 135-40	36.3	88
109	Pleistocene North African genomes link Near Eastern and sub-Saharan African human populations. <i>Science</i> , 2018 , 360, 548-552	33.3	83
108	Limits of long-term selection against Neandertal introgression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1639-1644	11.5	83
107	Computational challenges in the analysis of ancient DNA. <i>Genome Biology</i> , 2010 , 11, R47	18.3	81
106	Toward a neutral evolutionary model of gene expression. <i>Genetics</i> , 2005 , 170, 929-39	4	80
105	Nuclear insertion sequences of mitochondrial DNA predominate in hair but not in blood of elephants. <i>Molecular Ecology</i> , 1999 , 8, 133-7	5.7	79
104	A late Neandertal femur from Les Rochers-de-Villeneuve, France. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 7085-90	11.5	78
103	tRNA editing in metazoans. <i>Nature</i> , 1995 , 377, 490	50.4	78
102	Metabolic changes in schizophrenia and human brain evolution. <i>Genome Biology</i> , 2008 , 9, R124	18.3	77
101	A high-coverage Neandertal genome from Chagyrskaya Cave. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15132-15136	11.5	76
100	The mitochondrial genome of the hemichordate <i>Balanoglossus carnosus</i> and the evolution of deuterostome mitochondria. <i>Genetics</i> , 1998 , 150, 1115-23	4	76

99	Evidence for import of a lysyl-tRNA into marsupial mitochondria. <i>Molecular Biology of the Cell</i> , 2001 , 12, 2688-98	3.5	75
98	Mammoth DNA sequences. <i>Nature</i> , 1994 , 370, 333	50.4	69
97	Direct dating of Neanderthal remains from the site of Vindija Cave and implications for the Middle to Upper Paleolithic transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10606-10611	11.5	67
96	Foxp2 controls synaptic wiring of corticostriatal circuits and vocal communication by opposing Mef2c. <i>Nature Neuroscience</i> , 2016 , 19, 1513-1522	25.5	65
95	Exceptional evolutionary divergence of human muscle and brain metabolomes parallels human cognitive and physical uniqueness. <i>PLoS Biology</i> , 2014 , 12, e1001871	9.7	63
94	Mitochondrial DNA of an Iberian Neandertal suggests a population affinity with other European Neandertals. <i>Current Biology</i> , 2006 , 16, R629-30	6.3	63
93	The diverse origins of the human gene pool. <i>Nature Reviews Genetics</i> , 2015 , 16, 313-4	30.1	60
92	A fourth Denisovan individual. <i>Science Advances</i> , 2017 , 3, e1700186	14.3	56
91	A molecular phylogeny of two extinct sloths. <i>Molecular Phylogenetics and Evolution</i> , 2001 , 18, 94-103	4.1	54
90	Genetic influences on brain gene expression in rats selected for tameness and aggression. <i>Genetics</i> , 2014 , 198, 1277-90	4	53
89	AMPLIFYING ANCIENT DNA 1990 , 159-166		53
88	Complete DNA sequence of the mitochondrial genome of the ascidian <i>Halocynthia roretzi</i> (Chordata, Urochordata). <i>Genetics</i> , 1999 , 153, 1851-62	4	53
87	A genomic region associated with protection against severe COVID-19 is inherited from Neandertals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	53
86	Neanderthal ancestry drives evolution of lipid catabolism in contemporary Europeans. <i>Nature Communications</i> , 2014 , 5, 3584	17.4	52
85	Differences in DNA methylation patterns between humans and chimpanzees. <i>Current Biology</i> , 2004 , 14, R148-R149	6.3	50
84	Complete mitochondrial genomes reveal neolithic expansion into Europe. <i>PLoS ONE</i> , 2012 , 7, e32473	3.7	49
83	Intergenic and repeat transcription in human, chimpanzee and macaque brains measured by RNA-Seq. <i>PLoS Computational Biology</i> , 2010 , 6, e1000843	5	48
82	Long-Term Balancing Selection in LAD1 Maintains a Missense Trans-Species Polymorphism in Humans, Chimpanzees, and Bonobos. <i>Molecular Biology and Evolution</i> , 2015 , 32, 1186-96	8.3	47

81	Disruption of an Evolutionarily Novel Synaptic Expression Pattern in Autism. <i>PLoS Biology</i> , 2016 , 14, e1002558	9.7	45
80	Simultaneous precise editing of multiple genes in human cells. <i>Nucleic Acids Research</i> , 2019 , 47, e116	20.1	44
79	Positive selection on gene expression in the human brain. <i>Current Biology</i> , 2006 , 16, R356-8	6.3	44
78	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. <i>Current Biology</i> , 2019 , 29, 120-127.e5	6.3	44
77	RNA editing in metazoan mitochondria: staying fit without sex. <i>FEBS Letters</i> , 1997 , 409, 320-4	3.8	43
76	A single splice site mutation in human-specific causes basal progenitor amplification. <i>Science Advances</i> , 2016 , 2, e1601941	14.3	43
75	Ancient Fennoscandian genomes reveal origin and spread of Siberian ancestry in Europe. <i>Nature Communications</i> , 2018 , 9, 5018	17.4	43
74	Primate iPS cells as tools for evolutionary analyses. <i>Stem Cell Research</i> , 2014 , 12, 622-9	1.6	41
73	Denisovan DNA in Late Pleistocene sediments from Baishiya Karst Cave on the Tibetan Plateau. <i>Science</i> , 2020 , 370, 584-587	33.3	40
72	Lipidome determinants of maximal lifespan in mammals. <i>Scientific Reports</i> , 2017 , 7, 5	4.9	37
71	Optimization of 454 sequencing library preparation from small amounts of DNA permits sequence determination of both DNA strands. <i>BioTechniques</i> , 2009 , 46, 51-2, 54-7	2.5	37
70	The Y chromosome and the origin of all of us (men). <i>Science</i> , 1995 , 268, 1141-2	33.3	37
69	Human and chimpanzee gene expression differences replicated in mice fed different diets. <i>PLoS ONE</i> , 2008 , 3, e1504	3.7	36
68	Point-of-care bulk testing for SARS-CoV-2 by combining hybridization capture with improved colorimetric LAMP. <i>Nature Communications</i> , 2021 , 12, 1467	17.4	36
67	Linkage disequilibrium extends across putative selected sites in FOXP2. <i>Molecular Biology and Evolution</i> , 2009 , 26, 2181-4	8.3	33
66	Single-cell-resolution transcriptome map of human, chimpanzee, bonobo, and macaque brains. <i>Genome Research</i> , 2020 , 30, 776-789	9.7	32
65	Analysis of human accelerated DNA regions using archaic hominin genomes. <i>PLoS ONE</i> , 2012 , 7, e32877	3.7	32
64	Nuclear DNA from two early Neandertals reveals 80,000 years of genetic continuity in Europe. <i>Science Advances</i> , 2019 , 5, eaaw5873	14.3	31

63	Compound-specific radiocarbon dating and mitochondrial DNA analysis of the Pleistocene hominin from Salkhit Mongolia. <i>Nature Communications</i> , 2019 , 10, 274	17.4	29
62	Initial Upper Palaeolithic humans in Europe had recent Neanderthal ancestry. <i>Nature</i> , 2021 , 592, 253-257	50.4	29
61	Denisovan ancestry and population history of early East Asians. <i>Science</i> , 2020 , 370, 579-583	33.3	27
60	Expression of the human isoform of glutamate dehydrogenase, hGDH2, augments TCA cycle capacity and oxidative metabolism of glutamate during glucose deprivation in astrocytes. <i>Glia</i> , 2017 , 65, 474-488	9	22
59	The Neandertal Progesterone Receptor. <i>Molecular Biology and Evolution</i> , 2020 , 37, 2655-2660	8.3	22
58	Identification of putative target genes of the transcription factor RUNX2. <i>PLoS ONE</i> , 2013 , 8, e83218	3.7	21
57	Mice carrying a human GLUD2 gene recapitulate aspects of human transcriptome and metabolome development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5358-63	11.5	21
56	Changes in Lipidome Composition during Brain Development in Humans, Chimpanzees, and Macaque Monkeys. <i>Molecular Biology and Evolution</i> , 2017 , 34, 1155-1166	8.3	20
55	A genetic analysis of the Gibraltar Neanderthals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15610-15615	11.5	19
54	Human evolution. <i>Trends in Cell Biology</i> , 1999 , 9, M13-M16	18.3	19
53	Pleistocene sediment DNA reveals hominin and faunal turnovers at Denisova Cave. <i>Nature</i> , 2021 , 595, 399-403	50.4	18
52	Genetic Time Travel. <i>Genetics</i> , 2016 , 203, 9-12	4	18
51	Functional analysis of human and chimpanzee promoters. <i>Genome Biology</i> , 2005 , 6, R57	18.3	17
50	Extreme sequence heteroplasmy in bat mitochondrial DNA. <i>Biological Chemistry Hoppe-Seyler</i> , 1996 , 377, 661-7		17
49	Primer extension capture: targeted sequence retrieval from heavily degraded DNA sources. <i>Journal of Visualized Experiments</i> , 2009 , 1573	1.6	16
48	The major genetic risk factor for severe COVID-19 is inherited from Neandertals		15
47	Functional Analyses of Transcription Factor Binding Sites that Differ between Present-Day and Archaic Humans. <i>Molecular Biology and Evolution</i> , 2016 , 33, 316-22	8.3	14
46	Evolutionary fixation of RNA editing. <i>Nature</i> , 1996 , 383, 225	50.4	14

45	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. <i>Diabetologia</i> , 2016 , 59, 1702-13	10.3	13
44	Human evolution. <i>Trends in Genetics</i> , 1999 , 15, M13-M16	8.5	11
43	Direct radiocarbon dating and DNA analysis of the Darra-i-Kur (Afghanistan) human temporal bone. <i>Journal of Human Evolution</i> , 2017 , 107, 86-93	3.1	10
42	A Neanderthal Sodium Channel Increases Pain Sensitivity in Present-Day Humans. <i>Current Biology</i> , 2020 , 30, 3465-3469.e4	6.3	10
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