

# Beth Shapiro

## List of Publications by Citations

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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.

183  
papers

11,885  
citations

57  
h-index

106  
g-index

198  
ext. papers

15,239  
ext. citations

11.2  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
183	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , <b>2014</b> , 346, 1320-31	33.3	1182
182	Recalibrating Equus evolution using the genome sequence of an early Middle Pleistocene horse. <i>Nature</i> , <b>2013</b> , 499, 74-8	50.4	563
181	Rise and fall of the Beringian steppe bison. <i>Science</i> , <b>2004</b> , 306, 1561-5	33.3	518
180	Species-specific responses of Late Quaternary megafauna to climate and humans. <i>Nature</i> , <b>2011</b> , 479, 359-64	50.4	483
179	Metagenomics to paleogenomics: large-scale sequencing of mammoth DNA. <i>Science</i> , <b>2006</b> , 311, 392-4	33.3	435
178	Diverse plant and animal genetic records from Holocene and Pleistocene sediments. <i>Science</i> , <b>2003</b> , 300, 791-5	33.3	424
177	Improving Bayesian population dynamics inference: a coalescent-based model for multiple loci. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 713-24	8.3	312
176	Skyline-plot methods for estimating demographic history from nucleotide sequences. <i>Molecular Ecology Resources</i> , <b>2011</b> , 11, 423-34	8.4	308
175	The earliest evidence for anatomically modern humans in northwestern Europe. <i>Nature</i> , <b>2011</b> , 479, 521-4	50.4	235
174	Evidence for time dependency of molecular rate estimates. <i>Systematic Biology</i> , <b>2007</b> , 56, 515-22	8.4	222
173	Ancient hybridization and an Irish origin for the modern polar bear matriline. <i>Current Biology</i> , <b>2011</b> , 21, 1251-8	6.3	203
172	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> , <b>2014</b> , 111, E5661-9	11.5	197
171	Mitochondrial DNA analysis shows a Near Eastern Neolithic origin for domestic cattle and no indication of domestication of European aurochs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 1377-85	4.4	179
170	Using time-structured data to estimate evolutionary rates of double-stranded DNA viruses. <i>Molecular Biology and Evolution</i> , <b>2010</b> , 27, 2038-51	8.3	178
169	The effect of inappropriate calibration: three case studies in molecular ecology. <i>PLoS ONE</i> , <b>2008</b> , 3, e16157	3.7	178
168	Ancient DNA analyses exclude humans as the driving force behind late Pleistocene musk ox ( <i>Ovibos moschatus</i> ) population dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 5675-80	11.5	175
167	Insights into the evolutionary history of an emerging livestock pathogen: porcine circovirus 2. <i>Journal of Virology</i> , <b>2009</b> , 83, 12813-21	6.6	166

166	Towards complete and error-free genome assemblies of all vertebrate species. <i>Nature</i> , <b>2021</b> , 592, 737-746.	46.4	161
165	The global spread of hepatitis C virus 1a and 1b: a phylodynamic and phylogeographic analysis. <i>PLoS Medicine</i> , <b>2009</b> , 6, e1000198	11.6	152
164	Ancient DNA chronology within sediment deposits: are paleobiological reconstructions possible and is DNA leaching a factor?. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 982-9	8.3	145
163	Synonymous substitution rates predict HIV disease progression as a result of underlying replication dynamics. <i>PLoS Computational Biology</i> , <b>2007</b> , 3, e29	5	138
162	Genomic evidence for island population conversion resolves conflicting theories of polar bear evolution. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003345	6	131
161	Ancient papillomavirus-host co-speciation in Felidae. <i>Genome Biology</i> , <b>2007</b> , 8, R57	18.3	124
160	Phylogeography of lions ( <i>Panthera leo</i> ssp.) reveals three distinct taxa and a late Pleistocene reduction in genetic diversity. <i>Molecular Ecology</i> , <b>2009</b> , 18, 1668-77	5.7	123
159	Flight of the dodo. <i>Science</i> , <b>2002</b> , 295, 1683	33.3	122
158	Genome-wide Evidence Reveals that African and Eurasian Golden Jackals Are Distinct Species. <i>Current Biology</i> , <b>2015</b> , 25, 2158-65	6.3	118
157	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. <i>Cell</i> , <b>2019</b> , 177, 1419-1435.e31	56.2	110
156	Comment on "Protein sequences from mastodon and Tyrannosaurus rex revealed by mass spectrometry". <i>Science</i> , <b>2008</b> , 319, 33; author reply 33	33.3	106
155	Ancient mitochondrial DNA from hair. <i>Current Biology</i> , <b>2004</b> , 14, R463-4	6.3	105
154	Genomic evidence of geographically widespread effect of gene flow from polar bears into brown bears. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1205-17	5.7	104
153	Genetic structure and extinction of the woolly mammoth, <i>Mammuthus primigenius</i> . <i>Current Biology</i> , <b>2007</b> , 17, 1072-5	6.3	104
152	Mitochondrial phylogenomics of modern and ancient equids. <i>PLoS ONE</i> , <b>2013</b> , 8, e55950	3.7	99
151	True single-molecule DNA sequencing of a pleistocene horse bone. <i>Genome Research</i> , <b>2011</b> , 21, 1705-19.	9.7	99
150	Whole-genome sequence analysis shows that two endemic species of North American wolf are admixtures of the coyote and gray wolf. <i>Science Advances</i> , <b>2016</b> , 2, e1501714	14.3	98
149	A Bayesian phylogenetic method to estimate unknown sequence ages. <i>Molecular Biology and Evolution</i> , <b>2011</b> , 28, 879-87	8.3	98

148	Survival and divergence in a small group: The extraordinary genomic history of the endangered Apennine brown bear stragglers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E9589-E9597	11.5	95
147	Timing and causes of mid-Holocene mammoth extinction on St. Paul Island, Alaska. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9310-4	11.5	95
146	Conservation of biodiversity in the genomics era. <i>Genome Biology</i> , <b>2018</b> , 19, 131	18.3	95
145	Minimizing polymerase biases in metabarcoding. <i>Molecular Ecology Resources</i> , <b>2018</b> , 18, 927	8.4	95
144	Bison phylogeography constrains dispersal and viability of the Ice Free Corridor in western Canada. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8057-63	11.5	93
143	Dense sampling of bird diversity increases power of comparative genomics. <i>Nature</i> , <b>2020</b> , 587, 252-257	50.4	89
142	Preservation of viral genomes in 700-y-old caribou feces from a subarctic ice patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16842-7	11.5	87
141	Partial genomic survival of cave bears in living brown bears. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 1563-1570	15.7	82
140	Transoceanic drift and the domestication of African bottle gourds in the Americas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 2937-41	11.5	79
139	Accommodating the effect of ancient DNA damage on inferences of demographic histories. <i>Molecular Biology and Evolution</i> , <b>2009</b> , 26, 245-8	8.3	77
138	Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , <b>2019</b> , 574, 103-107	50.4	70
137	Natural selection shaped the rise and fall of passenger pigeon genomic diversity. <i>Science</i> , <b>2017</b> , 358, 951-954	33.3	68
136	Bayesian estimation of substitution rates from ancient DNA sequences with low information content. <i>Systematic Biology</i> , <b>2011</b> , 60, 366-75	8.4	68
135	Correlating Bayesian date estimates with climatic events and domestication using a bovine case study. <i>Biology Letters</i> , <b>2008</b> , 4, 370-4	3.6	68
134	A complete mitochondrial genome sequence from a mesolithic wild aurochs ( <i>Bos primigenius</i> ). <i>PLoS ONE</i> , <b>2010</b> , 5, e9255	3.7	64
133	Early cave art and ancient DNA record the origin of European bison. <i>Nature Communications</i> , <b>2016</b> , 7, 13158	17.4	63
132	Ancient genomes from North Africa evidence prehistoric migrations to the Maghreb from both the Levant and Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 6774-6779	11.5	62
131	Discovery of lost diversity of paternal horse lineages using ancient DNA. <i>Nature Communications</i> , <b>2011</b> , 2, 450	17.4	62

130	Million-year-old DNA sheds light on the genomic history of mammoths. <i>Nature</i> , <b>2021</b> , 591, 265-269	50.4	60
129	Is amino acid racemization a useful tool for screening for ancient DNA in bone?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2009</b> , 276, 2971-7	4.4	59
128	Partial genetic turnover in neandertals: continuity in the East and population replacement in the West. <i>Molecular Biology and Evolution</i> , <b>2012</b> , 29, 1893-7	8.3	59
127	Genomic Evidence of Widespread Admixture from Polar Bears into Brown Bears during the Last Ice Age. <i>Molecular Biology and Evolution</i> , <b>2018</b> , 35, 1120-1129	8.3	58
126	Fossil and genomic evidence constrains the timing of bison arrival in North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 3457-3462	11.5	57
125	Ancient DNA provides new insights into the evolutionary history of New Zealand's extinct giant eagle. <i>PLoS Biology</i> , <b>2005</b> , 3, e9	9.7	57
124	The origin of the 'Mycoplasma mycoides cluster' coincides with domestication of ruminants. <i>PLoS ONE</i> , <b>2012</b> , 7, e36150	3.7	54
123	Revealing the maternal demographic history of <i>Panthera leo</i> using ancient DNA and a spatially explicit genealogical analysis. <i>BMC Evolutionary Biology</i> , <b>2014</b> , 14, 70	3	50
122	863 genomes reveal the origin and domestication of chicken. <i>Cell Research</i> , <b>2020</b> , 30, 693-701	24.7	49
121	Pathways to de-extinction: how close can we get to resurrection of an extinct species?. <i>Functional Ecology</i> , <b>2017</b> , 31, 996-1002	5.6	47
120	Bayesian estimation of sequence damage in ancient DNA. <i>Molecular Biology and Evolution</i> , <b>2007</b> , 24, 1416-32	47	
119	Genomic Data from Extinct North American Camelops Revise Camel Evolutionary History. <i>Molecular Biology and Evolution</i> , <b>2015</b> , 32, 2433-40	8.3	45
118	Life and extinction of megafauna in the ice-age Arctic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14301-6	11.5	44
117	Genomic analysis of hepatitis B virus reveals antigen state and genotype as sources of evolutionary rate variation. <i>Viruses</i> , <b>2011</b> , 3, 83-101	6.2	42
116	A new genus of horse from Pleistocene North America. <i>ELife</i> , <b>2017</b> , 6,	8.9	42
115	Pros and cons of methylation-based enrichment methods for ancient DNA. <i>Scientific Reports</i> , <b>2015</b> , 5, 11826	4.9	40
114	Mid-Holocene vertebrate bone Concentration-Lagerstätte on oceanic island Mauritius provides a window into the ecosystem of the dodo ( <i>Raphus cucullatus</i> ). <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 14-24	2.9	40
113	Time-dependent estimates of molecular evolutionary rates: evidence and causes. <i>Molecular Ecology</i> , <b>2015</b> , 24, 6007-12	5.7	39

112	A phylogenetic method for detecting positive epistasis in gene sequences and its application to RNA virus evolution. <i>Molecular Biology and Evolution</i> , <b>2006</b> , 23, 1724-30	8.3	39
111	Highly accurate long-read HiFi sequencing data for five complex genomes. <i>Scientific Data</i> , <b>2020</b> , 7, 399	8.2	39
110	Towards complete and error-free genome assemblies of all vertebrate species		38
109	Palaeogenomes of Eurasian straight-tusked elephants challenge the current view of elephant evolution. <i>ELife</i> , <b>2017</b> , 6,	8.9	37
108	How to Clone a Mammoth <b>2015</b> ,		37
107	The evolutionary and phylogeographic history of woolly mammoths: a comprehensive mitogenomic analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 44585	4.9	34
106	Phylogenetic estimation of timescales using ancient DNA: the effects of temporal sampling scheme and uncertainty in sample ages. <i>Molecular Biology and Evolution</i> , <b>2013</b> , 30, 253-62	8.3	33
105	A late Pleistocene steppe bison ( <i>Bison priscus</i> ) partial carcass from Tsiigehtchic, Northwest Territories, Canada. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 2734-2742	3.9	33
104	Climate impacts on transoceanic dispersal and habitat in gray whales from the Pleistocene to 2100. <i>Molecular Ecology</i> , <b>2015</b> , 24, 1510-22	5.7	32
103	Improving the performance of true single molecule sequencing for ancient DNA. <i>BMC Genomics</i> , <b>2012</b> , 13, 177	4.5	32
102	Mammuthus Population Dynamics in Late Pleistocene North America: Divergence, Phylogeography, and Introgression. <i>Frontiers in Ecology and Evolution</i> , <b>2016</b> , 4,	3.7	32
101	Late Pleistocene northward-dispersing <i>Bison antiquus</i> from the Bighill Creek Formation, Gallelli Gravel Pit, Alberta, Canada, and the fate of <i>Bison occidentalis</i> . <i>Canadian Journal of Earth Sciences</i> , <b>2008</b> , 45, 827-859	1.5	31
100	Mammoth 2.0: will genome engineering resurrect extinct species?. <i>Genome Biology</i> , <b>2015</b> , 16, 228	18.3	28
99	Reintroduction of the archaic variant of <i>in cortical organoids alters neurodevelopment</i> . <i>Science</i> , <b>2021</b> , 371,	33.3	28
98	Modern and ancient DNA reveal recent partial replacement of caribou in the southwest Yukon. <i>Molecular Ecology</i> , <b>2010</b> , 19, 1312-23	5.7	27
97	Inferring species divergence times using pairwise sequential Markovian coalescent modelling and low-coverage genomic data. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 371,	5.8	26
96	Ancient DNA confirms a local origin of domesticated chenopod in eastern North America. <i>Journal of Archaeological Science</i> , <b>2011</b> , 38, 3549-3554	2.9	26
95	The Late Pleistocene distribution of vicuñas ( <i>Vicugna vicugna</i> ) and the extinction of the gracile llama ( <i>Lama gracilis</i> ) New molecular data. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 1369-1373	3.9	26

94	Multiple losses of flight and recent speciation in steamer ducks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 2339-46	4.4	25
93	Complete mitochondrial genomes of living and extinct pigeons revise the timing of the columbiform radiation. <i>BMC Evolutionary Biology</i> , <b>2016</b> , 16, 230	3	25
92	A ligation-based single-stranded library preparation method to analyze cell-free DNA and synthetic oligos. <i>BMC Genomics</i> , <b>2019</b> , 20, 1023	4.5	25
91	Mitogenomes illuminate the origin and migration patterns of the indigenous people of the Canary Islands. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209125	3.7	24
90	Detecting hybridization using ancient DNA. <i>Molecular Ecology</i> , <b>2016</b> , 25, 2398-412	5.7	24
89	Puma genomes from North and South America provide insights into the genomic consequences of inbreeding. <i>Nature Communications</i> , <b>2019</b> , 10, 4769	17.4	24
88	The origins and spread of domestic horses from the Western Eurasian steppes. <i>Nature</i> , <b>2021</b> , 598, 634-640	10.4	24
87	Conserving intraspecific variation for nature's contributions to people. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 574-582	12.3	24
86	Setting Up an Ancient DNA Laboratory. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1963, 1-13	1.4	23
85	Complex Admixture Preceded and Followed the Extinction of Wisent in the Wild. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 598-612	8.3	23
84	An ancient bison from the mouth of the Rauchua River (Chukotka, Russia). <i>Quaternary Research</i> , <b>2015</b> , 84, 232-245	1.9	22
83	Beringia as an Ice Age genetic museum. <i>Quaternary Research</i> , <b>2003</b> , 60, 94-100	1.9	21
82	Rapid range shifts and megafaunal extinctions associated with late Pleistocene climate change. <i>Nature Communications</i> , <b>2020</b> , 11, 2770	17.4	20
81	Ancient DNA supports southern survival of Richardson's collared lemming ( <i>Dicrostonyx richardsoni</i> ) during the last glacial maximum. <i>Molecular Ecology</i> , <b>2013</b> , 22, 2540-8	5.7	18
80	Dire wolves were the last of an ancient New World canid lineage. <i>Nature</i> , <b>2021</b> , 591, 87-91	50.4	18
79	The southern coastal Beringian land bridge: cryptic refugium or pseudorefugium for woody plants during the Last Glacial Maximum?. <i>Journal of Biogeography</i> , <b>2017</b> , 44, 1559-1571	4.1	17
78	Ancient mitochondrial DNA and the genetic history of Eurasian beaver ( <i>Castor fiber</i> ) in Europe. <i>Molecular Ecology</i> , <b>2014</b> , 23, 1717-29	5.7	17
77	Analysis of ancient human genomes: using next generation sequencing, 20-fold coverage of the genome of a 4,000-year-old human from Greenland has been obtained. <i>BioEssays</i> , <b>2010</b> , 32, 388-91	4.1	17

76	Ancient Hybridization with an Unknown Population Facilitated High-Altitude Adaptation of Canids. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 2616-2629	8.3	16
75	Discovery of the skull of <i>Stephanorhinus kirchbergensis</i> (Jäger, 1839) above the Arctic Circle. <i>Quaternary Research</i> , <b>2017</b> , 88, 537-550	1.9	16
74	A method for positive forensic identification of samples from extremely low-coverage sequence data. <i>BMC Genomics</i> , <b>2015</b> , 16, 1034	4.5	16
73	Pre-extinction Demographic Stability and Genomic Signatures of Adaptation in the Woolly Rhinoceros. <i>Current Biology</i> , <b>2020</b> , 30, 3871-3879.e7	6.3	16
72	The Zhenya Mammoth ( <i>Mammuthus primigenius</i> (Blum.)): Taphonomy, geology, age, morphology and ancient DNA of a 48,000 year old frozen mummy from western Taimyr, Russia. <i>Quaternary International</i> , <b>2017</b> , 445, 104-134	2	15
71	Engineered polymerases amplify the potential of ancient DNA. <i>Trends in Biotechnology</i> , <b>2008</b> , 26, 285-7	15.1	15
70	Mitogenomics of the Extinct Cave Lion, <i>Panthera spelaea</i> (Goldfuss, 1810), Resolve its Position within the Panthera Cats. <i>Open Quaternary</i> , <b>2016</b> , 2,	1.1	15
69	An ancestral recombination graph of human, Neanderthal, and Denisovan genomes. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	15
68	Empirical calibrated radiocarbon sampler: a tool for incorporating radiocarbon-date and calibration error into Bayesian phylogenetic analyses of ancient DNA. <i>Molecular Ecology Resources</i> , <b>2015</b> , 15, 81-6	8.4	14
67	Homotherium serum and Cervalces from the Great Lakes Region, USA: geochronology, morphology and ancient DNA. <i>Boreas</i> , <b>2012</b> , 41, 546-556	2.4	14
66	Nuclear DNA from the extinct Passenger Pigeon ( <i>Ectopistes migratorius</i> ) confirms a single origin of New World pigeons. <i>Annals of Anatomy</i> , <b>2012</b> , 194, 52-7	2.9	13
65	Human evolution: turning back the clock. <i>Current Biology</i> , <b>2013</b> , 23, R286-8	6.3	13
64	Case study: recovery of ancient nuclear DNA from toe pads of the extinct passenger pigeon. <i>Methods in Molecular Biology</i> , <b>2012</b> , 840, 29-35	1.4	12
63	Ancient DNA Resolves the History of Tetragnatha (Araneae, Tetragnathidae) Spiders on Rapa Nui. <i>Genes</i> , <b>2017</b> , 8,	4.2	11
62	Post-glacial dispersal patterns of Northern pike inferred from an 8800 year old pike ( <i>Esox cf. lucius</i> ) skull from interior Alaska. <i>Quaternary Science Reviews</i> , <b>2015</b> , 120, 118-125	3.9	11
61	Horseshoe-based Bayesian nonparametric estimation of effective population size trajectories. <i>Biometrics</i> , <b>2020</b> , 76, 677-690	1.8	10
60	An Evolutionary Insertion in the Mxra8 Receptor-Binding Site Confers Resistance to Alphavirus Infection and Pathogenesis. <i>Cell Host and Microbe</i> , <b>2020</b> , 27, 428-440.e9	23.4	10
59	Using ancient DNA and coalescent-based methods to infer extinction. <i>Biology Letters</i> , <b>2016</b> , 12, 201508236	2.6	10



58	A review of the dodo and its ecosystem: insights from a vertebrate concentration Lagerstätte in Mauritius. <i>Journal of Vertebrate Paleontology</i> , <b>2015</b> , 35, 3-20	1.7	10
57	Genetic relatedness in two-tiered plains zebra societies suggests that females choose to associate with kin. <i>Behaviour</i> , <b>2015</b> , 152, 2059-2078	1.4	10
56	Ancient DNA analysis indicates the first English lions originated from North Africa. <i>Contributions To Zoology</i> , <b>2008</b> , 77, 7-16	1.6	10
55	A Fast and Efficient Single-stranded Genomic Library Preparation Method Optimized for Ancient DNA. <i>Journal of Heredity</i> , <b>2021</b> , 112, 241-249	2.4	10
54	Bermuda 2.0: reflections from Santa Cruz. <i>GigaScience</i> , <b>2016</b> , 5, 1-4	7.6	9
53	Depletion of Hemoglobin Transcripts and Long-Read Sequencing Improves the Transcriptome Annotation of the Polar Bear ( <i>Ursus maritimus</i> ). <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 643	4.5	9
52	Amplification of TruSeq ancient DNA libraries with AccuPrime Pfx: consequences on nucleotide misincorporation and methylation patterns. <i>Science and Technology of Archaeological Research</i> , <b>2015</b> , 1, 1-9	1.2	9
51	Ancient DNA typing of archaeological pig remains corroborates historical records. <i>Journal of Archaeological Science</i> , <b>2010</b> , 37, 174-177	2.9	9
50	Museum Genomics. <i>Annual Review of Genetics</i> , <b>2021</b> , 55, 633-659	14.5	9
49	The California environmental DNA (eDNA) program		8
48	A probable prehistoric case of meningococcal disease from San Francisco Bay: Next generation sequencing of <i>Neisseria meningitidis</i> from dental calculus and osteological evidence. <i>International Journal of Paleopathology</i> , <b>2018</b> , 22, 173-180	1.5	8
47	Population-level genotyping of coat colour polymorphism in woolly mammoth ( <i>Mammuthus primigenius</i> ). <i>Quaternary Science Reviews</i> , <b>2011</b> , 30, 2304-2308	3.9	7
46	Ancient horse genomes reveal the timing and extent of dispersals across the Bering Land Bridge. <i>Molecular Ecology</i> , <b>2021</b> , 30, 6144-6161	5.7	7
45	A novel NGS library preparation method to characterize native termini of fragmented DNA. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, e47	20.1	6
44	Response to Hohenlohe. <i>Science Advances</i> , <b>2017</b> , 3, e1701233	14.3	6
43	A middle Holocene steppe bison and paleoenvironments from the Versleuce Meadows, Whitehorse, Yukon, Canada. <i>Canadian Journal of Earth Sciences</i> , <b>2017</b> , 54, 1138-1152	1.5	6
42	Ancient hyaenas highlight the old problem of estimating evolutionary rates. <i>Molecular Ecology</i> , <b>2014</b> , 23, 499-501	5.7	6
41	Why sequence all eukaryotes?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	6

40	Demographic reconstruction from ancient DNA supports rapid extinction of the great auk. <i>ELife</i> , <b>2019</b> , 8,	8.9	6
39	Large-scale genomic analysis reveals the genetic cost of chicken domestication. <i>BMC Biology</i> , <b>2021</b> , 19, 118	7.3	6
38	Environmental genomics of Late Pleistocene black bears and giant short-faced bears. <i>Current Biology</i> , <b>2021</b> , 31, 2728-2736.e8	6.3	6
37	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , <b>2021</b> , 184, 4874-4885.e16	56.2	6
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35	Experimental Investigation of the Dietary Ecology of the Extinct Passenger Pigeon, <i>Ectopistes migratorius</i> . <i>Frontiers in Ecology and Evolution</i> , <b>2018</b> , 6,	3.7	5
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