

# Morten E Allentoft

## 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.

87  
papers

5,966  
citations

37  
h-index

77  
g-index

96  
ext. papers

7,899  
ext. citations

14.7  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
87	eDNA in subterranean ecosystems: Applications, technical aspects, and future prospects.. <i>Science of the Total Environment</i> , <b>2022</b> , 820, 153223	10.2	9
86	Raptor roosts as invasion archives: insights from the first black rat mitochondrial genome sequenced from the Caribbean. <i>Biological Invasions</i> , <b>2022</b> , 24, 17	2.7	
85	The origins and spread of domestic horses from the Western Eurasian steppes. <i>Nature</i> , <b>2021</b> , 598, 634-640	40.4	24
84	Salt to conserve: a review on the ecology and preservation of hypersaline ecosystems. <i>Biological Reviews</i> , <b>2021</b> , 96, 2828-2850	13.5	7
83	Metabarcoding under Brine: Microbial Ecology of Five Hypersaline Lakes at Rottneest Island (WA, Australia). <i>Water (Switzerland)</i> , <b>2021</b> , 13, 1899	3	2
82	Genomic Steppe ancestry in skeletons from the Neolithic Single Grave Culture in Denmark. <i>PLoS ONE</i> , <b>2021</b> , 16, e0244872	3.7	2
81	Ancient DNA preserved in small bone fragments from the P.W. Lund collection. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 2064-2071	2.8	2
80	Ancient DNA reveals multiple origins and migration waves of extinct Japanese brown bear lineages. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 210518	3.3	0
79	Uncovering the genomic and metagenomic research potential in old ethanol-preserved snakes. <i>PLoS ONE</i> , <b>2021</b> , 16, e0256353	3.7	1
78	Screening archaeological bone for palaeogenetic and palaeoproteomic studies. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235146	3.7	18
77	Re-theorising mobility and the formation of culture and language among the Corded Ware Culture in Europe. CORRIGENDUM. <i>Antiquity</i> , <b>2020</b> , 94, 839-839	1	
76	Mapping co-ancestry connections between the genome of a Medieval individual and modern Europeans. <i>Scientific Reports</i> , <b>2020</b> , 10, 6843	4.9	1
75	Kinship and social organization in Copper Age Europe. A cross-disciplinary analysis of archaeology, DNA, isotopes, and anthropology from two Bell Beaker cemeteries. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241278	3.7	12
74	Diverse variola virus (smallpox) strains were widespread in northern Europe in the Viking Age. <i>Science</i> , <b>2020</b> , 369,	33.3	42
73	Ancient Jomon genome sequence analysis sheds light on migration patterns of early East Asian populations. <i>Communications Biology</i> , <b>2020</b> , 3, 437	6.7	19
72	Population genomics of the Viking world. <i>Nature</i> , <b>2020</b> , 585, 390-396	50.4	35
71	Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , <b>2019</b> , 574, 103-107	50.4	70

70	The population history of northeastern Siberia since the Pleistocene. <i>Nature</i> , <b>2019</b> , 570, 182-188	50.4	137
69	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> , <b>2019</b> , 116, 10705-10710	11.5	56
68	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
67	Pretreatment: Improving Endogenous Ancient DNA Yields Using a Simple Enzymatic Predigestion Step. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1963, 21-24	1.4	2
66	Mapping human mobility during the third and second millennia BC in present-day Denmark. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219850	3.7	22
65	Ancient DNA shows high faunal diversity in the Lesser Caucasus during the Late Pleistocene. <i>Quaternary Science Reviews</i> , <b>2019</b> , 219, 102-111	3.9	1
64	Identification génétique de la peste sur les squelettes préhistoriques <b>2019</b> , 50-58		
63	Archaeological Wool Textiles: A Window into Ancient Sheep Genetics? <b>2019</b> , 274-303		1
62	Enamel proteome shows that Gigantopithecus was an early diverging pongine. <i>Nature</i> , <b>2019</b> , 576, 262-265	50.4	41
61	A 5700 year-old human genome and oral microbiome from chewed birch pitch. <i>Nature Communications</i> , <b>2019</b> , 10, 5520	17.4	31
60	Petrous bone diagenesis: a multi-analytical approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2019</b> , 518, 143-154	2.9	27
59	Serious chronic disease of the cervical spine and trauma in a young female from the middle ages (Czech Republic). <i>International Journal of Paleopathology</i> , <b>2019</b> , 24, 185-196	1.5	
58	The Beaker phenomenon and the genomic transformation of northwest Europe. <i>Nature</i> , <b>2018</b> , 555, 190-196	106.4	293
57	Origins and genetic legacies of the Caribbean Taino. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 2341-2346	11.5	45
56	Ancient pathogen DNA in human teeth and petrous bones. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 3534-3542	2.8	23
55	Ancient Biomolecules and Evolutionary Inference. <i>Annual Review of Biochemistry</i> , <b>2018</b> , 87, 1029-1060	29.1	47
54	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> , <b>2018</b> , 21, 3-17	0.7	10
53	Centuries-Old DNA from an Extinct Population of Aesculapian Snake ( <i>Zamenis longissimus</i> ) Offers New Phylogeographic Insight. <i>Diversity</i> , <b>2018</b> , 10, 14	2.5	4

52	137 ancient human genomes from across the Eurasian steppes. <i>Nature</i> , <b>2018</b> , 557, 369-374	50.4	197
51	Ancient hepatitis B viruses from the Bronze Age to the Medieval period. <i>Nature</i> , <b>2018</b> , 557, 418-423	50.4	112
50	The first horse herders and the impact of early Bronze Age steppe expansions into Asia. <i>Science</i> , <b>2018</b> , 360,	33.3	162
49	Early human dispersals within the Americas. <i>Science</i> , <b>2018</b> , 362,	33.3	118
48	The prehistoric peopling of Southeast Asia. <i>Science</i> , <b>2018</b> , 361, 88-92	33.3	174
47	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> , <b>2018</b> , 115, 7557-7562	11.5	39
46	Selection in Europeans on Fatty Acid Desaturases Associated with Dietary Changes. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 1307-1318	8.3	50
45	Re-theorising mobility and the formation of culture and language among the Corded Ware Culture in Europe. <i>Antiquity</i> , <b>2017</b> , 91, 334-347	1	108
44	Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. <i>Science</i> , <b>2017</b> , 358, 659-662	33.3	160
43	A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178834	3.7	36
42	The Beaker Phenomenon and the Genomic Transformation of Northwest Europe <b>2017</b> ,		11
41	Extensive Farming in Estonia Started through a Sex-Biased Migration from the Steppe. <i>Current Biology</i> , <b>2017</b> , 27, 2185-2193.e6	6.3	80
40	High Y-chromosomal Differentiation Among Ethnic Groups of Dir and Swat Districts, Pakistan. <i>Annals of Human Genetics</i> , <b>2017</b> , 81, 234-248	2.2	6
39	The Maglemosian skeleton from Koelbjerg, Denmark revisited: identifying sex and provenance. <i>Danish Journal of Archaeology</i> , <b>2017</b> , 6, 50-66		4
38	Eight Millennia of Matrilineal Genetic Continuity in the South Caucasus. <i>Current Biology</i> , <b>2017</b> , 27, 2023-2038.e71	20.7	11
37	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170940	3.7	101
36	An assessment of ancient DNA preservation in Holocene-Pleistocene fossil bone excavated from the world heritage Naracoorte Caves, South Australia. <i>Journal of Quaternary Science</i> , <b>2016</b> , 31, 33-45	2.3	10
35	POPULATION GENETICS. Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , <b>2015</b> , 349, aab3884	33.3	317

34	The ancestry and affiliations of Kennewick Man. <i>Nature</i> , <b>2015</b> , 523, 455-458	50.4	157
33	Improving access to endogenous DNA in ancient bones and teeth. <i>Scientific Reports</i> , <b>2015</b> , 5, 11184	4.9	135
32	Genetic diversity loss in a biodiversity hotspot: ancient DNA quantifies genetic decline and former connectivity in a critically endangered marsupial. <i>Molecular Ecology</i> , <b>2015</b> , 24, 5813-28	5.7	30
31	Tracing the dynamic life story of a Bronze Age Female. <i>Scientific Reports</i> , <b>2015</b> , 5, 10431	4.9	77
30	Population genomics of Bronze Age Eurasia. <i>Nature</i> , <b>2015</b> , 522, 167-72	50.4	827
29	Ancient genomics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 370, 20130387	10.7	107
28	The genome of a Late Pleistocene human from a Clovis burial site in western Montana. <i>Nature</i> , <b>2014</b> , 506, 225-9	50.4	357
27	Identifying conservation units after large-scale land clearing: a spatio-temporal molecular survey of endangered white-tailed black cockatoos ( <i>Calyptorhynchus</i> spp.). <i>Diversity and Distributions</i> , <b>2014</b> , 20, 1208-1220	5	15
26	Derived immune and ancestral pigmentation alleles in a 7,000-year-old Mesolithic European. <i>Nature</i> , <b>2014</b> , 507, 225-8	50.4	235
25	An extremely low-density human population exterminated New Zealand moa. <i>Nature Communications</i> , <b>2014</b> , 5, 5436	17.4	31
24	Two ancient human genomes reveal Polynesian ancestry among the indigenous Botocudos of Brazil. <i>Current Biology</i> , <b>2014</b> , 24, R1035-7	6.3	62
23	High-precision dating and ancient DNA profiling of moa ( <i>Aves: Dinornithiformes</i> ) eggshell documents a complex feature at Wairau Bar and refines the chronology of New Zealand settlement by Polynesians. <i>Journal of Archaeological Science</i> , <b>2014</b> , 50, 24-30	2.9	27
22	Pulling out the 1%: whole-genome capture for the targeted enrichment of ancient DNA sequencing libraries. <i>American Journal of Human Genetics</i> , <b>2013</b> , 93, 852-64	11	221
21	Ancient DNA analyses of early archaeological sites in New Zealand reveal extreme exploitation of moa ( <i>Aves: Dinornithiformes</i> ) at all life stages. <i>Quaternary Science Reviews</i> , <b>2012</b> , 52, 41-48	3.9	14
20	The half-life of DNA in bone: measuring decay kinetics in 158 dated fossils. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 4724-33	4.4	331
19	Quantitative real-time PCR in aDNA research. <i>Methods in Molecular Biology</i> , <b>2012</b> , 840, 121-32	1.4	12
18	Moa's Ark or volant ghosts of Gondwana? Insights from nineteen years of ancient DNA research on the extinct moa ( <i>Aves: Dinornithiformes</i> ) of New Zealand. <i>Annals of Anatomy</i> , <b>2012</b> , 194, 36-51	2.9	22
17	Profiling the dead: generating microsatellite data from fossil bones of extinct megafauna--protocols, problems, and prospects. <i>PLoS ONE</i> , <b>2011</b> , 6, e16670	3.7	38

16	Molecular and morphological analyses of avian eggshell excavated from a late thirteenth century earth oven. <i>Journal of Archaeological Science</i> , <b>2011</b> ,	2.9	8
15	Global Amphibian Declines, Loss of Genetic Diversity and Fitness: A Review. <i>Diversity</i> , <b>2010</b> , 2, 47-71	2.5	122
14	Fossil avian eggshell preserves ancient DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 1991-2000	4.4	86
13	Highly skewed sex ratios and biased fossil deposition of moa: ancient DNA provides new insight on New Zealand's extinct megafauna. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 753-762	3.9	41
12	Microsatellite analysis of the natterjack toad ( <i>Bufo calamita</i> ) in Denmark: populations are islands in a fragmented landscape. <i>Conservation Genetics</i> , <b>2009</b> , 10, 15-28	2.6	30
11	Identification of microsatellites from an extinct moa species using high-throughput (454) sequence data. <i>BioTechniques</i> , <b>2009</b> , 46, 195-200	2.5	91
10	The Farm Beneath the Sand: An archaeological case study on ancient <sup>13</sup> C and <sup>15</sup> N DNA. <i>Antiquity</i> , <b>2009</b> , 83, 430-444	1	50
9	Improving access to endogenous DNA in ancient bones and teeth		7
8	Extensive farming in Estonia started through a sex-biased migration from the Steppe		1
7	Early Pleistocene enamel proteome sequences from Dmanisi resolve <i>Stephanorhinus</i> phylogeny		5
6	The population history of northeastern Siberia since the Pleistocene		1
5	Jomon genome sheds light on East Asian population history		6
4	Population genomics of the Viking world		2
3	Kinship and social organization in Copper Age Europe. A cross-disciplinary analysis of archaeology, DNA, isotopes, and anthropology from two Bell Beaker cemeteries		1
2	Selection on the FADS region in Europeans		2
1	A can of worms: Identification issues and morphological conservatism in a large sample of African Green and Bush Snakes (Colubridae: <i>Philothamnus</i> ) from Minziro Forest, Tanzania. <i>African Journal of Herpetology</i> , 1-16	0.6	