Morten E Allentoft

List of Publications by Year
in descending order

79 papers	9,354 citations	70961 41 h-index	66788 78 g-index
96 all docs	96 docs citations	96 times ranked	8842 citing authors

#	Article	IF	Citations
1	Population genomics of Bronze Age Eurasia. Nature, 2015, 522, 167-172.	13.7	1,166
2	The Beaker phenomenon and the genomic transformation of northwest Europe. Nature, 2018, 555, 190-196.	13.7	503
3	The genome of a Late Pleistocene human from a Clovis burial site in western Montana. Nature, 2014, 506, 225-229.	13.7	500
4	The half-life of DNA in bone: measuring decay kinetics in 158 dated fossils. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4724-4733.	1.2	478
5	Genomic evidence for the Pleistocene and recent population history of Native Americans. Science, 2015, 349, aab3884.	6.0	449
6	Derived immune and ancestral pigmentation alleles in a 7,000-year-old Mesolithic European. Nature, 2014, 507, 225-228.	13.7	328
7	137 ancient human genomes from across the Eurasian steppes. Nature, 2018, 557, 369-374.	13.7	325
8	The prehistoric peopling of Southeast Asia. Science, 2018, 361, 88-92.	6.0	291
9	Pulling out the 1%: Whole-Genome Capture for the Targeted Enrichment of Ancient DNA Sequencing Libraries. American Journal of Human Genetics, 2013, 93, 852-864.	2.6	284
10	Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. Science, 2017, 358, 659-662.	6.0	263
11	The first horse herders and the impact of early Bronze Age steppe expansions into Asia. Science, 2018, 360, .	6.0	262
12	The population history of northeastern Siberia since the Pleistocene. Nature, 2019, 570, 182-188.	13.7	259
13	The ancestry and affiliations of Kennewick Man. Nature, 2015, 523, 455-458.	13.7	241
14	Early human dispersals within the Americas. Science, 2018, 362, .	6.0	230
15	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. Cell, 2019, 177, 1419-1435.e31.	13.5	195
16	Improving access to endogenous DNA in ancient bones and teeth. Scientific Reports, 2015, 5, 11184.	1.6	182
17	Global Amphibian Declines, Loss of Genetic Diversity and Fitness: A Review. Diversity, 2010, 2, 47-71.	0.7	158
18	Re-theorising mobility and the formation of culture and language among the Corded Ware Culture in Europe. Antiquity, 2017, 91, 334-347.	0.5	157

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19	Ancient hepatitis B viruses from the Bronze Age to the Medieval period. Nature, 2018, 557, 418-423.	13.7	155
20	Population genomics of the Viking world. Nature, 2020, 585, 390-396.	13.7	143
21	Ancient genomics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130387.	1.8	142
22	The origins and spread of domestic horses from the Western Eurasian steppes. Nature, 2021, 598, 634-640.	13.7	142
23	Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. PLoS ONE, 2017, 12, e0170940.	1.1	136
24	Early Pleistocene enamel proteome from Dmanisi resolves Stephanorhinus phylogeny. Nature, 2019, 574, 103-107.	13.7	135
25	Unraveling ancestry, kinship, and violence in a Late Neolithic mass grave. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10705-10710.	3.3	119
26	Tracing the dynamic life story of a Bronze Age Female. Scientific Reports, 2015, 5, 10431.	1.6	112
27	Extensive Farming in Estonia Started through a Sex-Biased Migration from the Steppe. Current Biology, 2017, 27, 2185-2193.e6.	1.8	111
28	Diverse variola virus (smallpox) strains were widespread in northern Europe in the Viking Age. Science, 2020, 369, .	6.0	108
29	Fossil avian eggshell preserves ancient DNA. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1991-2000.	1.2	103
30	Identification of microsatellites from an extinct moa species using high-throughput (454) sequence data. BioTechniques, 2009, 46, 195-200.	0.8	94
31	Selection in Europeans on Fatty Acid Desaturases Associated with Dietary Changes. Molecular Biology and Evolution, 2017, 34, 1307-1318.	3.5	90
32	Enamel proteome shows that Gigantopithecus was an early diverging pongine. Nature, 2019, 576, 262-265.	13.7	82
33	Ancient Biomolecules and Evolutionary Inference. Annual Review of Biochemistry, 2018, 87, 1029-1060.	5.0	76
34	Two ancient human genomes reveal Polynesian ancestry among the indigenous Botocudos of Brazil. Current Biology, 2014, 24, R1035-R1037.	1.8	73
35	Origins and genetic legacies of the Caribbean Taino. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2341-2346.	3.3	64
36	Ancient human parvovirus B19 in Eurasia reveals its long-term association with humans. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7557-7562.	3.3	64

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37	A 5700 year-old human genome and oral microbiome from chewed birch pitch. Nature Communications, 2019, 10, 5520.	5.8	61
38	â€˜The Farm Beneath the Sandâ€™ â€“ an archaeological case study on ancient â€˜dirtâ€™ DNA. Antiquity, 2009, 83, 430-444.	0.5	60
39	A matter of months: High precision migration chronology of a Bronze Age female. PLoS ONE, 2017, 12, e0178834.	1.1	60
40	Genetic diversity loss in a biodiversity hotspot: ancient <scp>DNA</scp> quantifies genetic decline and former connectivity in a critically endangered marsupial. Molecular Ecology, 2015, 24, 5813-5828.	2.0	48
41	Petrous bone diagenesis: a multi-analytical approach. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 518, 143-154.	1.0	48
42	Salt to conserve: a review on the ecology and preservation of hypersaline ecosystems. Biological Reviews, 2021, 96, 2828-2850.	4.7	47
43	Highly skewed sex ratios and biased fossil deposition of moa: ancient DNA provides new insight on New Zealand's extinct megafauna. Quaternary Science Reviews, 2010, 29, 753-762.	1.4	44
44	Mapping human mobility during the third and second millennia BC in present-day Denmark. PLoS ONE, 2019, 14, e0219850.	1.1	44
45	Ancient Jomon genome sequence analysis sheds light on migration patterns of early East Asian populations. Communications Biology, 2020, 3, 437.	2.0	44
46	An extremely low-density human population exterminated New Zealand moa. Nature Communications, 2014, 5, 5436.	5.8	42
47	Profiling the Dead: Generating Microsatellite Data from Fossil Bones of Extinct Megafaunaâ€”Protocols, Problems, and Prospects. PLoS ONE, 2011, 6, e16670.	1.1	39
48	High-precision dating and ancient DNA profiling of moa (Aves: Dinornithiformes) eggshell documents a complex feature at Wairau Bar and refines the chronology of New Zealand settlement by Polynesians. Journal of Archaeological Science, 2014, 50, 24-30.	1.2	38
49	Ancient pathogen <scp>DNA</scp> in human teeth and petrous bones. Ecology and Evolution, 2018, 8, 3534-3542.	0.8	38
50	eDNA in subterranean ecosystems: Applications, technical aspects, and future prospects. Science of the Total Environment, 2022, 820, 153223.	3.9	38
51	Eight Millennia of Matrilineal Genetic Continuity in the South Caucasus. Current Biology, 2017, 27, 2023-2028.e7.	1.8	37
52	Kinship and social organization in Copper Age Europe. A cross-disciplinary analysis of archaeology, DNA, isotopes, and anthropology from two Bell Beaker cemeteries. PLoS ONE, 2020, 15, e0241278.	1.1	35
53	Screening archaeological bone for palaeogenetic and palaeoproteomic studies. PLoS ONE, 2020, 15, e0235146.	1.1	34
54	Microsatellite analysis of the natterjack toad (Bufo calamita) in Denmark: populations are islands in a fragmented landscape. Conservation Genetics, 2009, 10, 15-28.	0.8	33

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55	Moa's Ark or volant ghosts of Gondwana? Insights from nineteen years of ancient DNA research on the extinct moa (Aves: Dinornithiformes) of New Zealand. Annals of Anatomy, 2012, 194, 36-51.	1.0	26
56	Ancient DNA analyses of early archaeological sites in New Zealand reveal extreme exploitation of moa (Aves: Dinornithiformes) at all life stages. Quaternary Science Reviews, 2012, 52, 41-48.	1.4	20
57	An assessment of ancient DNA preservation in Holoceneâ€“Pleistocene fossil bone excavated from the world heritage Naracoorte Caves, South Australia. Journal of Quaternary Science, 2016, 31, 33-45.	1.1	20
58	Discussion: Are the Origins of Indo-European Languages Explained by the Migration of the Yamnaya Culture to the West?. European Journal of Archaeology, 2018, 21, 3-17.	0.3	17
59	The rise of genomics in snake venom research: recent advances and future perspectives. GigaScience, 2022, 11, .	3.3	17
60	Identifying conservation units after large-scale land clearing: a spatio-temporal molecular survey of endangered white-tailed black cockatoos (Calyptorhynchusspp.). Diversity and Distributions, 2014, 20, 1208-1220.	1.9	15
61	Quantitative Real-Time PCR in aDNA Research. Methods in Molecular Biology, 2012, 840, 121-132.	0.4	13
62	Molecular and morphological analyses of avian eggshell excavated from a late thirteenth century earth oven. Journal of Archaeological Science, 2011, , .	1.2	12
63	Genomic Steppe ancestry in skeletons from the Neolithic Single Grave Culture in Denmark. PLoS ONE, 2021, 16, e0244872.	1.1	11
64	High Yâ€chromosomal Differentiation Among Ethnic Groups of Dir and Swat Districts, Pakistan. Annals of Human Genetics, 2017, 81, 234-248.	0.3	9
65	Ancient DNA preserved in small bone fragments from the P.W. Lund collection. Ecology and Evolution, 2021, 11, 2064-2071.	0.8	9
66	Mapping co-ancestry connections between the genome of a Medieval individual and modern Europeans. Scientific Reports, 2020, 10, 6843.	1.6	8
67	Ancient DNA reveals multiple origins and migration waves of extinct Japanese brown bear lineages. Royal Society Open Science, 2021, 8, 210518.	1.1	8
68	Centuries-Old DNA from an Extinct Population of Aesculapian Snake (Zamenis longissimus) Offers New Phylogeographic Insight. Diversity, 2018, 10, 14.	0.7	7
69	Pretreatment: Improving Endogenous Ancient DNA Yields Using a Simple Enzymatic Predigestion Step. Methods in Molecular Biology, 2019, 1963, 21-24.	0.4	7
70	Metabarcoding under Brine: Microbial Ecology of Five Hypersaline Lakes at Rottnest Island (WA,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.2	6
71	Uncovering the genomic and metagenomic research potential in old ethanol-preserved snakes. PLoS ONE, 2021, 16, e0256353.	1.1	6
72	Ancient DNA shows high faunal diversity in the Lesser Caucasus during the Late Pleistocene. Quaternary Science Reviews, 2019, 219, 102-111.	1.4	5

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73	The Maglemosian skeleton from Koelbjerg, Denmark revisited: identifying sex and provenance. Danish Journal of Archaeology, 2017, 6, 50-66.	0.7	4
74	Archaeological Wool Textiles: A Window into Ancient Sheep Genetics?. , 2019, , 274-303.		2
75	Serious chronic disease of the cervical spine and trauma in a young female from the middle ages (Czech Republic). International Journal of Paleopathology, 2019, 24, 185-196.	0.8	2
76	A can of worms: Identification issues and morphological conservatism in a large sample of African Green and Bush Snakes (Colubridae: Philothamnus) from Minziro Forest, Tanzania. African Journal of Herpetology, 2021, 70, 123-138.	0.3	1
77	Re-theorising mobility and the formation of culture and language among the Corded Ware Culture in Europeâ€"CORRIGENDUM. Antiquity, 2020, 94, 839-839.	0.5	0
78	Raptor roosts as invasion archives: insights from the firstÂblack rat mitochondrial genome sequenced from the Caribbean. Biological Invasions, 2022, 24, 17.	1.2	0
79	Lâ€™identification gÃ©nÃ©tique de la peste sur les squelettes prÃ©historiques. , 2019, , 50-58.		0