

Morten E Allentoft

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.

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 | Population genomics of Bronze Age Eurasia. <i>Nature</i> , 2015 , 522, 167-72 | 50.4 | 827 |
| 86 | 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 |
| 85 | The half-life of DNA in bone: measuring decay kinetics in 158 dated fossils. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012 , 279, 4724-33 | 4.4 | 331 |
| 84 | POPULATION GENETICS. Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , 2015 , 349, aab3884 | 33.3 | 317 |
| 83 | The Beaker phenomenon and the genomic transformation of northwest Europe. <i>Nature</i> , 2018 , 555, 190-196 | 30.4 | 293 |
| 82 | Derived immune and ancestral pigmentation alleles in a 7,000-year-old Mesolithic European. <i>Nature</i> , 2014 , 507, 225-8 | 50.4 | 235 |
| 81 | 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 |
| 80 | 137 ancient human genomes from across the Eurasian steppes. <i>Nature</i> , 2018 , 557, 369-374 | 50.4 | 197 |
| 79 | The prehistoric peopling of Southeast Asia. <i>Science</i> , 2018 , 361, 88-92 | 33.3 | 174 |
| 78 | The first horse herders and the impact of early Bronze Age steppe expansions into Asia. <i>Science</i> , 2018 , 360, | 33.3 | 162 |
| 77 | Ancient genomes show social and reproductive behavior of early Upper Paleolithic foragers. <i>Science</i> , 2017 , 358, 659-662 | 33.3 | 160 |
| 76 | The ancestry and affiliations of Kennewick Man. <i>Nature</i> , 2015 , 523, 455-458 | 50.4 | 157 |
| 75 | The population history of northeastern Siberia since the Pleistocene. <i>Nature</i> , 2019 , 570, 182-188 | 50.4 | 137 |
| 74 | Improving access to endogenous DNA in ancient bones and teeth. <i>Scientific Reports</i> , 2015 , 5, 11184 | 4.9 | 135 |
| 73 | Global Amphibian Declines, Loss of Genetic Diversity and Fitness: A Review. <i>Diversity</i> , 2010 , 2, 47-71 | 2.5 | 122 |
| 72 | Early human dispersals within the Americas. <i>Science</i> , 2018 , 362, | 33.3 | 118 |
| 71 | Ancient hepatitis B viruses from the Bronze Age to the Medieval period. <i>Nature</i> , 2018 , 557, 418-423 | 50.4 | 112 |

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|----|--|------|-----|
| 70 | Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. <i>Cell</i> , 2019 , 177, 1419-1435.e31 | 56.2 | 110 |
| 69 | 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 |
| 68 | Ancient genomics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015 , 370, 20130387 | 387 | 107 |
| 67 | Comparing Ancient DNA Preservation in Petrous Bone and Tooth Cementum. <i>PLoS ONE</i> , 2017 , 12, e0170940 | 940 | 101 |
| 66 | Identification of microsatellites from an extinct moa species using high-throughput (454) sequence data. <i>BioTechniques</i> , 2009 , 46, 195-200 | 2.5 | 91 |
| 65 | Fossil avian eggshell preserves ancient DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 1991-2000 | 4.4 | 86 |
| 64 | 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 |
| 63 | Tracing the dynamic life story of a Bronze Age Female. <i>Scientific Reports</i> , 2015 , 5, 10431 | 4.9 | 77 |
| 62 | Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , 2019 , 574, 103-107 | 50.4 | 70 |
| 61 | Two ancient human genomes reveal Polynesian ancestry among the indigenous Botocudos of Brazil. <i>Current Biology</i> , 2014 , 24, R1035-7 | 6.3 | 62 |
| 60 | 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 |
| 59 | Selection in Europeans on Fatty Acid Desaturases Associated with Dietary Changes. <i>Molecular Biology and Evolution</i> , 2017 , 34, 1307-1318 | 8.3 | 50 |
| 58 | The Farm Beneath the Sand: An archaeological case study on ancient <i>Hirt</i> DNA. <i>Antiquity</i> , 2009 , 83, 430-444 | 1 | 50 |
| 57 | Ancient Biomolecules and Evolutionary Inference. <i>Annual Review of Biochemistry</i> , 2018 , 87, 1029-1060 | 29.1 | 47 |
| 56 | 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 |
| 55 | Diverse variola virus (smallpox) strains were widespread in northern Europe in the Viking Age. <i>Science</i> , 2020 , 369, | 33.3 | 42 |
| 54 | 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> , 2010 , 29, 753-762 | 3.9 | 41 |
| 53 | Enamel proteome shows that <i>Gigantopithecus</i> was an early diverging pongine. <i>Nature</i> , 2019 , 576, 262-265 | 50.4 | 41 |

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| 52 | 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 |
| 51 | Profiling the dead: generating microsatellite data from fossil bones of extinct megafauna--protocols, problems, and prospects. <i>PLoS ONE</i> , 2011 , 6, e16670 | 3.7 | 38 |
| 50 | A matter of months: High precision migration chronology of a Bronze Age female. <i>PLoS ONE</i> , 2017 , 12, e0178834 | 3.7 | 36 |
| 49 | Population genomics of the Viking world. <i>Nature</i> , 2020 , 585, 390-396 | 50.4 | 35 |
| 48 | An extremely low-density human population exterminated New Zealand moa. <i>Nature Communications</i> , 2014 , 5, 5436 | 17.4 | 31 |
| 47 | A 5700 year-old human genome and oral microbiome from chewed birch pitch. <i>Nature Communications</i> , 2019 , 10, 5520 | 17.4 | 31 |
| 46 | Genetic diversity loss in a biodiversity hotspot: ancient DNA quantifies genetic decline and former connectivity in a critically endangered marsupial. <i>Molecular Ecology</i> , 2015 , 24, 5813-28 | 5.7 | 30 |
| 45 | Microsatellite analysis of the natterjack toad (<i>Bufo calamita</i>) in Denmark: populations are islands in a fragmented landscape. <i>Conservation Genetics</i> , 2009 , 10, 15-28 | 2.6 | 30 |
| 44 | 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> , 2014 , 50, 24-30 | 2.9 | 27 |
| 43 | Petrous bone diagenesis: a multi-analytical approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 518, 143-154 | 2.9 | 27 |
| 42 | The origins and spread of domestic horses from the Western Eurasian steppes. <i>Nature</i> , 2021 , 598, 634-640 | 40.4 | 24 |
| 41 | Ancient pathogen DNA in human teeth and petrous bones. <i>Ecology and Evolution</i> , 2018 , 8, 3534-3542 | 2.8 | 23 |
| 40 | Mapping human mobility during the third and second millennia BC in present-day Denmark. <i>PLoS ONE</i> , 2019 , 14, e0219850 | 3.7 | 22 |
| 39 | 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> , 2012 , 194, 36-51 | 2.9 | 22 |
| 38 | Eight Millennia of Matrilineal Genetic Continuity in the South Caucasus. <i>Current Biology</i> , 2017 , 27, 2023-2028.e71 | 23.8 | 21 |
| 37 | 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 |
| 36 | Screening archaeological bone for palaeogenetic and palaeoproteomic studies. <i>PLoS ONE</i> , 2020 , 15, e0235146 | 3.5 | 18 |
| 35 | 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> , 2014 , 20, 1208-1220 | 5 | 15 |

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| 34 | Ancient DNA analyses of early archaeological sites in New Zealand reveal extreme exploitation of moa (Aves: Dinornithiformes) at all life stages. <i>Quaternary Science Reviews</i> , 2012 , 52, 41-48 | 3.9 | 14 |
| 33 | Quantitative real-time PCR in aDNA research. <i>Methods in Molecular Biology</i> , 2012 , 840, 121-32 | 1.4 | 12 |
| 32 | 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> , 2020 , 15, e0241278 | 3.7 | 12 |
| 31 | The Beaker Phenomenon and the Genomic Transformation of Northwest Europe 2017 , | | 11 |
| 30 | 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 |
| 29 | An assessment of ancient DNA preservation in HolocenePleistocene fossil bone excavated from the world heritage Naracoorte Caves, South Australia. <i>Journal of Quaternary Science</i> , 2016 , 31, 33-45 | 2.3 | 10 |
| 28 | eDNA in subterranean ecosystems: Applications, technical aspects, and future prospects.. <i>Science of the Total Environment</i> , 2022 , 820, 153223 | 10.2 | 9 |
| 27 | Molecular and morphological analyses of avian eggshell excavated from a late thirteenth century earth oven. <i>Journal of Archaeological Science</i> , 2011 , | 2.9 | 8 |
| 26 | Improving access to endogenous DNA in ancient bones and teeth | | 7 |
| 25 | Salt to conserve: a review on the ecology and preservation of hypersaline ecosystems. <i>Biological Reviews</i> , 2021 , 96, 2828-2850 | 13.5 | 7 |
| 24 | 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 |
| 23 | Jomon genome sheds light on East Asian population history | | 6 |
| 22 | Early Pleistocene enamel proteome sequences from Dmanisi resolve Stephanorhinus phylogeny | | 5 |
| 21 | Centuries-Old DNA from an Extinct Population of Aesculapian Snake (Zamenis longissimus) Offers New Phylogeographic Insight. <i>Diversity</i> , 2018 , 10, 14 | 2.5 | 4 |
| 20 | The Maglemosian skeleton from Koelbjerg, Denmark revisited: identifying sex and provenance. <i>Danish Journal of Archaeology</i> , 2017 , 6, 50-66 | | 4 |
| 19 | Pretreatment: Improving Endogenous Ancient DNA Yields Using a Simple Enzymatic Predigestion Step. <i>Methods in Molecular Biology</i> , 2019 , 1963, 21-24 | 1.4 | 2 |
| 18 | Population genomics of the Viking world | | 2 |
| 17 | Selection on the FADS region in Europeans | | 2 |

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| 16 | Metabarcoding under Brine: Microbial Ecology of Five Hypersaline Lakes at Rottneest Island (WA, Australia). <i>Water (Switzerland)</i> , 2021 , 13, 1899 | 3 | 2 |
| 15 | Genomic Steppe ancestry in skeletons from the Neolithic Single Grave Culture in Denmark. <i>PLoS ONE</i> , 2021 , 16, e0244872 | 3.7 | 2 |
| 14 | Ancient DNA preserved in small bone fragments from the P.W. Lund collection. <i>Ecology and Evolution</i> , 2021 , 11, 2064-2071 | 2.8 | 2 |
| 13 | Mapping co-ancestry connections between the genome of a Medieval individual and modern Europeans. <i>Scientific Reports</i> , 2020 , 10, 6843 | 4.9 | 1 |
| 12 | Ancient DNA shows high faunal diversity in the Lesser Caucasus during the Late Pleistocene. <i>Quaternary Science Reviews</i> , 2019 , 219, 102-111 | 3.9 | 1 |
| 11 | Extensive farming in Estonia started through a sex-biased migration from the Steppe | | 1 |
| 10 | The population history of northeastern Siberia since the Pleistocene | | 1 |
| 9 | Kinship and social organization in Copper Age Europe. A cross-disciplinary analysis of archaeology, DNA, isotopes, and anthropology from two Bell Beaker cemeteries | | 1 |
| 8 | Archaeological Wool Textiles: A Window into Ancient Sheep Genetics? 2019 , 274-303 | | 1 |
| 7 | Uncovering the genomic and metagenomic research potential in old ethanol-preserved snakes. <i>PLoS ONE</i> , 2021 , 16, e0256353 | 3.7 | 1 |
| 6 | 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 |
| 5 | 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 | |
| 4 | Raptor roosts as invasion archives: insights from the first black rat mitochondrial genome sequenced from the Caribbean. <i>Biological Invasions</i> , 2022 , 24, 17 | 2.7 | |
| 3 | L'identification génétique de la peste sur les squelettes préhistoriques 2019 , 50-58 | | |
| 2 | 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> , 2019 , 24, 185-196 | 1.5 | |
| 1 | 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. <i>African Journal of Herpetology</i> , 1-16 | 0.6 | |