

# Anders G jtherstr m

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

9,203  
citations

43973

48  
h-index

46693

89  
g-index

128  
all docs

128  
docs citations

128  
times ranked

8993  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular analysis of Neanderthal DNA from the northern Caucasus. <i>Nature</i> , 2000, 404, 490-493.	13.7	508
2	Origins and Genetic Legacy of Neolithic Farmers and Hunter-Gatherers in Europe. <i>Science</i> , 2012, 336, 466-469.	6.0	507
3	Worldwide Patterns of Ancestry, Divergence, and Admixture in Domesticated Cattle. <i>PLoS Genetics</i> , 2014, 10, e1004254.	1.5	391
4	Accurate sex identification of ancient human remains using DNA shotgun sequencing. <i>Journal of Archaeological Science</i> , 2013, 40, 4477-4482.	1.2	337
5	Genomic Diversity and Admixture Differs for Stone-Age Scandinavian Foragers and Farmers. <i>Science</i> , 2014, 344, 747-750.	6.0	315
6	DNA from Pre-Clovis Human Coprolites in Oregon, North America. <i>Science</i> , 2008, 320, 786-789.	6.0	283
7	Ancient Wolf Genome Reveals an Early Divergence of Domestic Dog Ancestors and Admixture into High-Latitude Breeds. <i>Current Biology</i> , 2015, 25, 1515-1519.	1.8	270
8	The genetic prehistory of the New World Arctic. <i>Science</i> , 2014, 345, 1255832.	6.0	264
9	Complete Genomes Reveal Signatures of Demographic and Genetic Declines in the Woolly Mammoth. <i>Current Biology</i> , 2015, 25, 1395-1400.	1.8	263
10	Ancient genomes link early farmers from Atapuerca in Spain to modern-day Basques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11917-11922.	3.3	255
11	Whole-Genome Shotgun Sequencing of Mitochondria from Ancient Hair Shafts. <i>Science</i> , 2007, 317, 1927-1930.	6.0	220
12	Ancient DNA Reveals Lack of Continuity between Neolithic Hunter-Gatherers and Contemporary Scandinavians. <i>Current Biology</i> , 2009, 19, 1758-1762.	1.8	217
13	Paleo-Eskimo mtDNA Genome Reveals Matrilineal Discontinuity in Greenland. <i>Science</i> , 2008, 320, 1787-1789.	6.0	184
14	Million-year-old DNA sheds light on the genomic history of mammoths. <i>Nature</i> , 2021, 591, 265-269.	13.7	179
15	Population genomics of Mesolithic Scandinavia: Investigating early postglacial migration routes and high-latitude adaptation. <i>PLoS Biology</i> , 2018, 16, e2003703.	2.6	174
16	The Demographic Development of the First Farmers in Anatolia. <i>Current Biology</i> , 2016, 26, 2659-2666.	1.8	163
17	Origins and genetic legacy of prehistoric dogs. <i>Science</i> , 2020, 370, 557-564.	6.0	152
18	Cattle domestication in the Near East was followed by hybridization with aurochs bulls in Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2345-2351.	1.2	151

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19	Intraspecific phylogenetic analysis of Siberian woolly mammoths using complete mitochondrial genomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8327-8332.	3.3	149
20	Extensive Human DNA Contamination in Extracts from Ancient Dog Bones and Teeth. <i>Molecular Biology and Evolution</i> , 2005, 22, 2040-2047.	3.5	137
21	Ancient DNA reveals lack of postglacial habitat tracking in the arctic fox. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6726-6729.	3.3	137
22	Early Pleistocene enamel proteome from Dmanisi resolves <i>Stephanorhinus</i> phylogeny. <i>Nature</i> , 2019, 574, 103-107.	13.7	135
23	Partial genomic survival of cave bears in living brown bears. <i>Nature Ecology and Evolution</i> , 2018, 2, 1563-1570.	3.4	132
24	Molecular phylogeny of the extinct cave lion <i>Panthera leo spelaea</i> . <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 841-849.	1.2	131
25	Staying out in the cold: glacial refugia and mitochondrial DNA phylogeography in ancient European brown bears. <i>Molecular Ecology</i> , 2007, 16, 5140-5148.	2.0	130
26	More on Contamination: The Use of Asymmetric Molecular Behavior to Identify Authentic Ancient Human DNA. <i>Molecular Biology and Evolution</i> , 2007, 24, 998-1004.	3.5	114
27	Genomic Evidence Establishes Anatolia as the Source of the European Neolithic Gene Pool. <i>Current Biology</i> , 2016, 26, 270-275.	1.8	111
28	Prehistoric contacts over the Straits of Gibraltar indicated by genetic analysis of Iberian Bronze Age cattle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8431-8435.	3.3	109
29	The mitochondrial genome sequence of the Tasmanian tiger ( <i>Thylacinus cynocephalus</i> ). <i>Genome Research</i> , 2009, 19, 213-220.	2.4	102
30	Ancient pigs reveal a near-complete genomic turnover following their introduction to Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17231-17238.	3.3	101
31	Four millennia of Iberian biomolecular prehistory illustrate the impact of prehistoric migrations at the far end of Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3428-3433.	3.3	96
32	Carnivore conservation in practice: replicated management actions on a large spatial scale. <i>Journal of Applied Ecology</i> , 2013, 50, 59-67.	1.9	93
33	“The wet and the wild followed by the dry and the tame” or did they occur at the same time? Diet in Mesolithic “Neolithic” southern Sweden. <i>Antiquity</i> , 2004, 78, 23-33.	0.5	90
34	Surprising migration and population size dynamics in ancient Iberian brown bears ( <i>Ursus arctos</i> ). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5123-5128.	3.3	86
35	Partial Genetic Turnover in Neandertals: Continuity in the East and Population Replacement in the West. <i>Molecular Biology and Evolution</i> , 2012, 29, 1893-1897.	3.5	82
36	Megalithic tombs in western and northern Neolithic Europe were linked to a kindred society. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9469-9474.	3.3	81

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37	Identifying species from pieces of faeces. <i>Conservation Genetics</i> , 2004, 5, 109-111.	0.8	78
38	Ancient genomes suggest the eastern Pontic-Caspian steppe as the source of western Iron Age nomads. <i>Science Advances</i> , 2018, 4, eaat4457.	4.7	76
39	Comparing the survival of osteocalcin and mtDNA in archaeological bone from four European sites. <i>Journal of Archaeological Science</i> , 2008, 35, 1756-1764.	1.2	73
40	High frequency of lactose intolerance in a prehistoric hunter-gatherer population in northern Europe. <i>BMC Evolutionary Biology</i> , 2010, 10, 89.	3.2	73
41	A female Viking warrior confirmed by genomics. <i>American Journal of Physical Anthropology</i> , 2017, 164, 853-860.	2.1	69
42	Y-chromosome diversity in Sweden – A long-time perspective. <i>European Journal of Human Genetics</i> , 2006, 14, 963-970.	1.4	65
43	Ancient mitochondrial DNA from the northern fringe of the Neolithic farming expansion in Europe sheds light on the dispersion process. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130373.	1.8	65
44	Genomic Analyses of Pre-European Conquest Human Remains from the Canary Islands Reveal Close Affinity to Modern North Africans. <i>Current Biology</i> , 2017, 27, 3396-3402.e5.	1.8	62
45	Estimation of Population Divergence Times from Non-Overlapping Genomic Sequences: Examples from Dogs and Wolves. <i>Molecular Biology and Evolution</i> , 2011, 28, 1505-1517.	3.5	61
46	Ancient DNA sequences point to a large loss of mitochondrial genetic diversity in the saiga antelope ( <i>Saiga tatarica</i> ) since the Pleistocene. <i>Molecular Ecology</i> , 2010, 19, 4863-4875.	2.0	59
47	Ancient DNA reveals traces of Iberian Neolithic and Bronze Age lineages in modern Iberian horses. <i>Molecular Ecology</i> , 2010, 19, 64-78.	2.0	56
48	Population genomics of grey wolves and wolf-like canids in North America. <i>PLoS Genetics</i> , 2018, 14, e1007745.	1.5	54
49	Genome-Based Sexing Provides Clues about Behavior and Social Structure in the Woolly Mammoth. <i>Current Biology</i> , 2017, 27, 3505-3510.e3.	1.8	53
50	Direct Estimates of Natural Selection in Iberia Indicate Calcium Absorption Was Not the Only Driver of Lactase Persistence in Europe. <i>Molecular Biology and Evolution</i> , 2014, 31, 975-983.	3.5	52
51	Slaves as burial gifts in Viking Age Norway? Evidence from stable isotope and ancient DNA analyses. <i>Journal of Archaeological Science</i> , 2014, 41, 533-540.	1.2	51
52	Is the endangered Fennoscandian arctic fox ( <i>Alopex lagopus</i> ) population genetically isolated?. <i>Biological Conservation</i> , 2002, 105, 171-178.	1.9	50
53	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	13.5	49
54	Variable kinship patterns in Neolithic Anatolia revealed by ancient genomes. <i>Current Biology</i> , 2021, 31, 2455-2468.e18.	1.8	47

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55	Population Demography and Genetic Diversity in the Pleistocene Cave Lion. <i>Open Quaternary</i> , 2015, 1, 4.	0.5	44
56	Genomic and Strontium Isotope Variation Reveal Immigration Patterns in a Viking Age Town. <i>Current Biology</i> , 2018, 28, 2730-2738.e10.	1.8	44
57	Pre-extinction Demographic Stability and Genomic Signatures of Adaptation in the Woolly Rhinoceros. <i>Current Biology</i> , 2020, 30, 3871-3879.e7.	1.8	41
58	Fishing for ancient DNA. <i>Forensic Science International: Genetics</i> , 2008, 2, 104-107.	1.6	39
59	The evolutionary and phylogeographic history of woolly mammoths: a comprehensive mitogenomic analysis. <i>Scientific Reports</i> , 2017, 7, 44585.	1.6	39
60	Specialized sledge dogs accompanied Inuit dispersal across the North American Arctic. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191929.	1.2	38
61	The genomic ancestry of the Scandinavian Battle Axe Culture people and their relation to the broader Corded Ware horizon. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191528.	1.2	35
62	A DNA test for sex identification in cattle confirms osteometric results. <i>Journal of Archaeological Science</i> , 2008, 35, 942-946.	1.2	34
63	Response to Comment by Poinar <i>et al</i> . on “DNA from Pre-Clovis Human Coprolites in Oregon, North America” <i>Science</i> , 2009, 325, 148-148.	6.0	34
64	Inbreeding depression in a critically endangered carnivore. <i>Molecular Ecology</i> , 2016, 25, 3309-3318.	2.0	34
65	Molecular and osteometric sexing of cattle metacarpals: a case study from 15th century AD Beja, Portugal. <i>Journal of Archaeological Science</i> , 2012, 39, 1445-1454.	1.2	32
66	Ancient DNA from mastics solidifies connection between material culture and genetics of mesolithic hunter-gatherers in Scandinavia. <i>Communications Biology</i> , 2019, 2, 185.	2.0	32
67	Human population dynamics and <i>Yersinia pestis</i> in ancient northeast Asia. <i>Science Advances</i> , 2021, 7, .	4.7	32
68	Detection of farm fox and hybrid genotypes among wild arctic foxes in Scandinavia. <i>Conservation Genetics</i> , 2006, 6, 885-894.	0.8	31
69	Viking warrior women? Reassessing Birka chamber grave Bj.581. <i>Antiquity</i> , 2019, 93, 181-198.	0.5	31
70	Temporal fluctuations of Y-chromosomal variation in <i>Bos taurus</i> . <i>Biology Letters</i> , 2008, 4, 752-754.	1.0	30
71	50,000 years of genetic uniformity in the critically endangered Iberian lynx. <i>Molecular Ecology</i> , 2011, 20, 3785-3795.	2.0	30
72	Ancient horse genomes reveal the timing and extent of dispersals across the Bering Land Bridge. <i>Molecular Ecology</i> , 2021, 30, 6144-6161.	2.0	30

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73	DNA analysis on fox faeces and competition induced niche shifts. <i>Molecular Ecology</i> , 2004, 13, 2389-2392.	2.0	29
74	Corded Ware cultural complexity uncovered using genomic and isotopic analysis from south-eastern Poland. <i>Scientific Reports</i> , 2020, 10, 6885.	1.6	29
75	Typing single polymorphic nucleotides in mitochondrial DNA as a way to access Middle Pleistocene DNA. <i>Biology Letters</i> , 2006, 2, 601-603.	1.0	28
76	Arctic fox <i>Vulpes lagopus</i> population structure: circumpolar patterns and processes. <i>Oikos</i> , 2011, 120, 873-885.	1.2	28
77	Recovery of DNA from Footprints in the Snow. <i>Canadian Field-Naturalist</i> , 2007, 121, 321.	0.0	26
78	Archaeogenomic analysis of the first steps of Neolithization in Anatolia and the Aegean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20172064.	1.2	26
79	Mitochondrial DNA variation in the Viking age population of Norway. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130384.	1.8	25
80	Diverse origin of mitochondrial lineages in Iron Age Black Sea Scythians. <i>Scientific Reports</i> , 2017, 7, 43950.	1.6	24
81	Barking up the wrong tree: Modern northern European dogs fail to explain their origin. <i>BMC Evolutionary Biology</i> , 2008, 8, 71.	3.2	22
82	The Neolithic Pitted Ware culture foragers were culturally but not genetically influenced by the Battle Axe culture herders. <i>American Journal of Physical Anthropology</i> , 2020, 172, 638-649.	2.1	20
83	African and Asian leopards are highly differentiated at the genomic level. <i>Current Biology</i> , 2021, 31, 1872-1882.e5.	1.8	20
84	Human inbreeding has decreased in time through the Holocene. <i>Current Biology</i> , 2021, 31, 3925-3934.e8.	1.8	20
85	Modern Siberian dog ancestry was shaped by several thousand years of Eurasian-wide trade and human dispersal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	19
86	The curious case of the Mesolithic Iberian dogs: An archaeogenetic study. <i>Journal of Archaeological Science</i> , 2019, 105, 116-129.	1.2	18
87	The genetic origin of Huns, Avars, and conquering Hungarians. <i>Current Biology</i> , 2022, 32, 2858-2870.e7.	1.8	18
88	Not just old but old and cold?. <i>Nature</i> , 2001, 410, 772-772.	13.7	17
89	Archaeogenetic analysis of Neolithic sheep from Anatolia suggests a complex demographic history since domestication. <i>Communications Biology</i> , 2021, 4, 1279.	2.0	16
90	Further developments in molecular sex assignment: a blind test of 18th and 19th century human skeletons. <i>Journal of Archaeological Science</i> , 2011, 38, 1326-1330.	1.2	15

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91	Investigating Holocene human population history in North Asia using ancient mitogenomes. <i>Scientific Reports</i> , 2018, 8, 8969.	1.6	15
92	Competitive mapping allows for the identification and exclusion of human DNA contamination in ancient faunal genomic datasets. <i>BMC Genomics</i> , 2020, 21, 844.	1.2	15
93	Integrating multi-taxon palaeogenomes and sedimentary ancient DNA to study past ecosystem dynamics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211252.	1.2	14
94	Typing Late Prehistoric Cows and Bullsâ€”Osteology and Genetics of Cattle at the Eketorp Ringfort on the Å–land Island in Sweden. <i>PLoS ONE</i> , 2011, 6, e20748.	1.1	14
95	Finding the founder of Stockholm â€” A kinship study based on Y-chromosomal, autosomal and mitochondrial DNA. <i>Annals of Anatomy</i> , 2012, 194, 138-145.	1.0	12
96	Consequences of past climate change and recent human persecution on mitogenomic diversity in the arctic fox. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190212.	1.8	12
97	Phylogenetic placement and population structure of Indoâ€”Pacific bottlenose dolphins ( <i>Tursiops</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10, Tf 50 222 431-448.	0.9	11
98	Mobility patterns in inland southwestern Sweden during the Neolithic and Early Bronze Age. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	11
99	Evolution, ecology and conservationâ€”revisiting three decades of Arctic fox population genetic research. <i>Polar Research</i> , 2017, 36, 4.	1.6	10
100	New insights on cultural dualism and population structure in the Middle Neolithic Funnel Beaker culture on the island of Gotland. <i>Journal of Archaeological Science: Reports</i> , 2018, 17, 325-334.	0.2	10
101	A polar bear paleogenome reveals extensive ancient gene flow from polar bears into brown bears. <i>Nature Ecology and Evolution</i> , 2022, 6, 936-944.	3.4	10
102	Medieval remains from Lithuania indicate loss of a mitochondrial haplotype in <i>Bison bonasus</i> . <i>Molecular Ecology</i> , 2006, 15, 3083-3083.	2.0	9
103	Coat colour and sex identification in horses from Iron Age Sweden. <i>Annals of Anatomy</i> , 2012, 194, 82-87.	1.0	8
104	Population-level genotyping of coat colour polymorphism in woolly mammoth ( <i>Mammuthus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10, Tf 50 222 1,4	1.4	7
105	Neolithic Hedgehogs ( <i>Erinaceus europaeus</i> ) from the Island of Gotland show early contacts with the Swedish mainland. <i>Journal of Archaeological Science</i> , 2012, 39, 229-233.	1.2	7
106	Ancient microRNA profiles of 14,300-yr-old canid samples confirm taxonomic origin and provide glimpses into tissue-specific gene regulation from the Pleistocene. <i>Rna</i> , 2021, 27, 324-334.	1.6	7
107	Cryptic Contamination and Phylogenetic Nonsense. <i>PLoS ONE</i> , 2008, 3, e2316.	1.1	7
108	Development and Optimization of a Silica Column-Based Extraction Protocol for Ancient DNA. <i>Genes</i> , 2022, 13, 687.	1.0	6

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109	Spatial variation in Arctic hare ( <i>Lepus arcticus</i> ) populations around the Hall Basin. <i>Polar Biology</i> , 2017, 40, 2113-2118.	0.5	5
110	Planned cull endangers Swedish wolf population. <i>Science</i> , 2022, 377, 162-162.	6.0	5
111	The stone cist conundrum: A multidisciplinary approach to investigate Late Neolithic/Early Bronze Age population demography on the island of Gotland. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 324-337.	0.2	4
112	Maternal genetic origin of the late and final Neolithic human populations from present-day Poland. <i>American Journal of Physical Anthropology</i> , 2021, 176, 223-236.	2.1	3
113	Bioarchaeological evidence of one of the earliest Islamic burials in the Levant. <i>Communications Biology</i> , 2022, 5, .	2.0	3
114	The Jettbole Middle Neolithic Site on the Åland Islands -- Human Remains, Ancient dna and Pottery. <i>European Journal of Archaeology</i> , 2002, 5, 42-68.	0.3	2
115	A Study on Burrows-Wheeler Aligner's Performance Optimization for Ancient DNA Mapping. <i>Lecture Notes in Networks and Systems</i> , 2022, , 105-114.	0.5	1
116	Elucidating recent history by tracing genetic affinity of three 16th century miners from Sweden. <i>Journal of Archaeological Science: Reports</i> , 2018, 19, 651-657.	0.2	0
117	Related in death? A curious case of a foetus hidden in bishop Peder Winstrup's coffin in Lund, Sweden. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102939.	0.2	0
118	<i>Mammuthus</i> sp. (Early and Middle Pleistocene Mammoths). <i>Trends in Genetics</i> , 2021, 37, 682-683.	2.9	0
119	The kÅkÅpÅ (Strigops habroptilus). <i>Trends in Genetics</i> , 2022, , .	2.9	0
120	A multidisciplinary study of Iberian Chalcolithic dogs. <i>Journal of Archaeological Science: Reports</i> , 2022, 42, 103338.	0.2	0