

# Nadin Rohland

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

24,388  
citations

25034

57  
h-index

43889

91  
g-index

119  
all docs

119  
docs citations

119  
times ranked

20348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient Admixture in Human History. <i>Genetics</i> , 2012, 192, 1065-1093.	2.9	2,012
2	A High-Coverage Genome Sequence from an Archaic Denisovan Individual. <i>Science</i> , 2012, 338, 222-226.	12.6	1,695
3	Massive migration from the steppe was a source for Indo-European languages in Europe. <i>Nature</i> , 2015, 522, 207-211.	27.8	1,435
4	The Simons Genome Diversity Project: 300 genomes from 142 diverse populations. <i>Nature</i> , 2016, 538, 201-206.	27.8	1,216
5	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	27.8	1,179
6	Genome-wide patterns of selection in 230 ancient Eurasians. <i>Nature</i> , 2015, 528, 499-503.	27.8	1,160
7	Genetic Analyses from Ancient DNA. <i>Annual Review of Genetics</i> , 2004, 38, 645-679.	7.6	1,084
8	Cost-effective, high-throughput DNA sequencing libraries for multiplexed target capture. <i>Genome Research</i> , 2012, 22, 939-946.	5.5	976
9	Genomic insights into the origin of farming in the ancient Near East. <i>Nature</i> , 2016, 536, 419-424.	27.8	733
10	The genetic history of Ice Age Europe. <i>Nature</i> , 2016, 534, 200-205.	27.8	729
11	Genomically Recoded Organisms Expand Biological Functions. <i>Science</i> , 2013, 342, 357-360.	12.6	721
12	An early modern human from Romania with a recent Neanderthal ancestor. <i>Nature</i> , 2015, 524, 216-219.	27.8	633
13	The Beaker phenomenon and the genomic transformation of northwest Europe. <i>Nature</i> , 2018, 555, 190-196.	27.8	503
14	Ancient DNA extraction from bones and teeth. <i>Nature Protocols</i> , 2007, 2, 1756-1762.	12.0	491
15	The genomic history of southeastern Europe. <i>Nature</i> , 2018, 555, 197-203.	27.8	479
16	The formation of human populations in South and Central Asia. <i>Science</i> , 2019, 365, .	12.6	383
17	Partial uracilâ€“DNAâ€“glycosylase treatment for screening of ancient DNA. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130624.	4.0	381
18	The genomic history of the Iberian Peninsula over the past 8000 years. <i>Science</i> , 2019, 363, 1230-1234.	12.6	340

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19	Comparison and optimization of ancient DNA extraction. <i>BioTechniques</i> , 2007, 42, 343-352.	1.8	331
20	The landscape of recombination in African Americans. <i>Nature</i> , 2011, 476, 170-175.	27.8	319
21	Reconstructing Prehistoric African Population Structure. <i>Cell</i> , 2017, 171, 59-71.e21.	28.9	308
22	Ancient mitochondrial DNA provides high-resolution time scale of the peopling of the Americas. <i>Science Advances</i> , 2016, 2, e1501385.	10.3	306
23	Parallel palaeogenomic transects reveal complex genetic history of early European farmers. <i>Nature</i> , 2017, 551, 368-372.	27.8	306
24	A Melanocortin 1 Receptor Allele Suggests Varying Pigmentation Among Neanderthals. <i>Science</i> , 2007, 318, 1453-1455.	12.6	264
25	Complete Genomes Reveal Signatures of Demographic and Genetic Declines in the Woolly Mammoth. <i>Current Biology</i> , 2015, 25, 1395-1400.	3.9	263
26	Genomic insights into the peopling of the Southwest Pacific. <i>Nature</i> , 2016, 538, 510-513.	27.8	262
27	Reconstructing the Deep Population History of Central and South America. <i>Cell</i> , 2018, 175, 1185-1197.e22.	28.9	259
28	Ancient genomes document multiple waves of migration in Southeast Asian prehistory. <i>Science</i> , 2018, 361, 92-95.	12.6	250
29	Extremely low-coverage sequencing and imputation increases power for genome-wide association studies. <i>Nature Genetics</i> , 2012, 44, 631-635.	21.4	239
30	Genomic Sequencing of Pleistocene Cave Bears. <i>Science</i> , 2005, 309, 597-599.	12.6	221
31	Genomic insights into the formation of human populations in East Asia. <i>Nature</i> , 2021, 591, 413-419.	27.8	216
32	Archaeogenomic evidence reveals prehistoric matrilineal dynasty. <i>Nature Communications</i> , 2017, 8, 14115.	12.8	210
33	Genetic origins of the Minoans and Mycenaeans. <i>Nature</i> , 2017, 548, 214-218.	27.8	203
34	Lack of phylogeography in European mammals before the last glaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12963-12968.	7.1	201
35	Extraction of highly degraded DNA from ancient bones, teeth and sediments for high-throughput sequencing. <i>Nature Protocols</i> , 2018, 13, 2447-2461.	12.0	193
36	A rapid column-free ancient DNA extraction method for increased sample throughput. <i>Molecular Ecology Resources</i> , 2010, 10, 677-683.	4.8	164

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37	Genomic DNA Sequences from Mastodon and Woolly Mammoth Reveal Deep Speciation of Forest and Savanna Elephants. <i>PLoS Biology</i> , 2010, 8, e1000564.	5.6	162
38	Ancient genomes indicate population replacement in Early Neolithic Britain. <i>Nature Ecology and Evolution</i> , 2019, 3, 765-771.	7.8	156
39	Proboscidean Mitogenomics: Chronology and Mode of Elephant Evolution Using Mastodon as Outgroup. <i>PLoS Biology</i> , 2007, 5, e207.	5.6	150
40	A comprehensive genomic history of extinct and living elephants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2566-E2574.	7.1	142
41	The contribution of rare variation to prostate cancer heritability. <i>Nature Genetics</i> , 2016, 48, 30-35.	21.4	139
42	Nondestructive DNA extraction method for mitochondrial DNA analyses of museum specimens. <i>BioTechniques</i> , 2004, 36, 814-821.	1.8	136
43	Nuclear Gene Indicates Coat-Color Polymorphism in Mammoths. <i>Science</i> , 2006, 313, 62-62.	12.6	135
44	The Population History of Extant and Extinct Hyenas. <i>Molecular Biology and Evolution</i> , 2005, 22, 2435-2443.	8.9	128
45	Palaeo-Eskimo genetic ancestry and the peopling of Chukotka and North America. <i>Nature</i> , 2019, 570, 236-240.	27.8	118
46	Ancient human genome-wide data from a 3000-year interval in the Caucasus corresponds with eco-geographic regions. <i>Nature Communications</i> , 2019, 10, 590.	12.8	113
47	Ancestry and demography and descendants of Iron Age nomads of the Eurasian Steppe. <i>Nature Communications</i> , 2017, 8, 14615.	12.8	96
48	Ancient DNA reveals a multistep spread of the first herders into sub-Saharan Africa. <i>Science</i> , 2019, 365, .	12.6	96
49	The spread of steppe and Iranian-related ancestry in the islands of the western Mediterranean. <i>Nature Ecology and Evolution</i> , 2020, 4, 334-345.	7.8	95
50	Population Turnover in Remote Oceania Shortly after Initial Settlement. <i>Current Biology</i> , 2018, 28, 1157-1165.e7.	3.9	91
51	A late Neandertal femur from Les Rochers-de-Villeneuve, France. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7085-7090.	7.1	90
52	Substitutions in woolly mammoth hemoglobin confer biochemical properties adaptive for cold tolerance. <i>Nature Genetics</i> , 2010, 42, 536-540.	21.4	86
53	Ancient West African foragers in the context of African population history. <i>Nature</i> , 2020, 577, 665-670.	27.8	86
54	Large-scale migration into Britain during the Middle to Late Bronze Age. <i>Nature</i> , 2022, 601, 588-594.	27.8	86

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55	First DNA sequences from Asian cave bear fossils reveal deep divergences and complex phylogeographic patterns. <i>Molecular Ecology</i> , 2009, 18, 1225-1238.	3.9	80
56	Multiplex amplification of ancient DNA. <i>Nature Protocols</i> , 2006, 1, 720-728.	12.0	78
57	Molecular analysis of a 11,700-year-old rodent midden from the Atacama Desert, Chile. <i>Molecular Ecology</i> , 2002, 11, 913-924.	3.9	72
58	Is amino acid racemization a useful tool for screening for ancient DNA in bone?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2971-2977.	2.6	71
59	Ancient DNA from Chalcolithic Israel reveals the role of population mixture in cultural transformation. <i>Nature Communications</i> , 2018, 9, 3336.	12.8	71
60	A Paleogenomic Reconstruction of the Deep Population History of the Andes. <i>Cell</i> , 2020, 181, 1131-1145.e21.	28.9	69
61	A genetic history of the pre-contact Caribbean. <i>Nature</i> , 2021, 590, 103-110.	27.8	67
62	A high-resolution picture of kinship practices in an Early Neolithic tomb. <i>Nature</i> , 2022, 601, 584-587.	27.8	65
63	An Ancient Harappan Genome Lacks Ancestry from Steppe Pastoralists or Iranian Farmers. <i>Cell</i> , 2019, 179, 729-735.e10.	28.9	62
64	The Genomic History of the Bronze Age Southern Levant. <i>Cell</i> , 2020, 181, 1146-1157.e11.	28.9	51
65	Ancient DNA and deep population structure in sub-Saharan African foragers. <i>Nature</i> , 2022, 603, 290-296.	27.8	51
66	Palaeogenomes of Eurasian straight-tusked elephants challenge the current view of elephant evolution. <i>ELife</i> , 2017, 6, .	6.0	50
67	A rapid loss of stripes: the evolutionary history of the extinct quagga. <i>Biology Letters</i> , 2005, 1, 291-295.	2.3	46
68	Dynamic changes in genomic and social structures in third millennium BCE central Europe. <i>Science Advances</i> , 2021, 7, .	10.3	46
69	Evolutionary History of Saber-Toothed Cats Based on Ancient Mitogenomics. <i>Current Biology</i> , 2017, 27, 3330-3336.e5.	3.9	45
70	A Re-Appraisal of the Early Andean Human Remains from Lauricocha in Peru. <i>PLoS ONE</i> , 2015, 10, e0127141.	2.5	41
71	A multi-stage genome-wide association study of uterine fibroids in African Americans. <i>Human Genetics</i> , 2017, 136, 1363-1373.	3.8	39
72	Biological Sexing of a 4000-Year-Old Egyptian Mummy Head to Assess the Potential of Nuclear DNA Recovery from the Most Damaged and Limited Forensic Specimens. <i>Genes</i> , 2018, 9, 135.	2.4	39

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73	Human auditory ossicles as an alternative optimal source of ancient DNA. <i>Genome Research</i> , 2020, 30, 427-436.	5.5	37
74	Interactions between earliest Linearbandkeramik farmers and central European hunter gatherers at the dawn of European Neolithization. <i>Scientific Reports</i> , 2019, 9, 19544.	3.3	35
75	A minimally destructive protocol for DNA extraction from ancient teeth. <i>Genome Research</i> , 2021, 31, 472-483.	5.5	31
76	Ancient genomes in South Patagonia reveal population movements associated with technological shifts and geography. <i>Nature Communications</i> , 2020, 11, 3868.	12.8	28
77	Three Phases of Ancient Migration Shaped the Ancestry of Human Populations in Vanuatu. <i>Current Biology</i> , 2020, 30, 4846-4856.e6.	3.9	27
78	Whole-exome sequencing of over 4100 men of African ancestry and prostate cancer risk. <i>Human Molecular Genetics</i> , 2016, 25, 371-381.	2.9	26
79	Ancient genomes reveal origin and rapid trans-Eurasian migration of 7th century Avar elites. <i>Cell</i> , 2022, 185, 1402-1413.e21.	28.9	26
80	Optimizing complex phenotypes through model-guided multiplex genome engineering. <i>Genome Biology</i> , 2017, 18, 100.	8.8	23
81	South-to-north migration preceded the advent of intensive farming in the Maya region. <i>Nature Communications</i> , 2022, 13, 1530.	12.8	21
82	Late Upper Palaeolithic hunter-gatherers in the Central Mediterranean: New archaeological and genetic data from the Late Epigravettian burial Oriente C (Favignana, Sicily). <i>Quaternary International</i> , 2020, 537, 24-32.	1.5	20
83	Ancient DNA from the skeletons of Roopkund Lake reveals Mediterranean migrants in India. <i>Nature Communications</i> , 2019, 10, 3670.	12.8	19
84	Mitochondrial DNA analysis of eneolithic trypillians from Ukraine reveals neolithic farming genetic roots. <i>PLoS ONE</i> , 2017, 12, e0172952.	2.5	19
85	DNA Extraction of Ancient Animal Hard Tissue Samples via Adsorption to Silica Particles. <i>Methods in Molecular Biology</i> , 2012, 840, 21-28.	0.9	14
86	Social stratification without genetic differentiation at the site of Kulubnarti in Christian Period Nubia. <i>Nature Communications</i> , 2021, 12, 7283.	12.8	13
87	Ancient DNA reveals five streams of migration into Micronesia and matrilocality in early Pacific seafarers. <i>Science</i> , 2022, 377, 72-79.	12.6	13
88	Genome-wide analysis of nearly all the victims of a 6200 year old massacre. <i>PLoS ONE</i> , 2021, 16, e0247332.	2.5	11
89	Mitochondrial genome diversity on the Central Siberian Plateau with particular reference to the prehistory of northernmost Eurasia. <i>PLoS ONE</i> , 2021, 16, e0244228.	2.5	4
90	Ancestry and demography and descendants of Iron Age nomads of the Eurasian Steppe. , 0, .		1