

Alan J Cooper

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.

297
papers

24,562
citations

80
h-index

150
g-index

315
ext. papers

29,271
ext. citations

10.4
avg, IF

6.71
L-index

#	Paper	IF	Citations
297	An age-depth model and revised stratigraphy of vertebrate-bearing units in Natural Trap Cave, Wyoming. <i>Quaternary International</i> , 2022 ,	2	2
296	Lions and brown bears colonized North America in multiple synchronous waves of dispersal across the Bering Land Bridge. <i>Molecular Ecology</i> , 2021 ,	5.7	3
295	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021 , 374, eabi975633.3	33.3	2
294	Evidence for Pleistocene gene flow through the ice-free corridor from extinct horses and camels from Natural Trap Cave, Wyoming. <i>Quaternary International</i> , 2021 ,	2	1
293	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021 , 374, eabh36553.3	33.3	2
292	Characterizing porous microaggregates and soil organic matter sequestered in allophanic paleosols on Holocene tephras using synchrotron-based X-ray microscopy and spectroscopy. <i>Scientific Reports</i> , 2021 , 11, 21310	4.9	2
291	Widespread Denisovan ancestry in Island Southeast Asia but no evidence of substantial super-archaic hominin admixture. <i>Nature Ecology and Evolution</i> , 2021 , 5, 616-624	12.3	15
290	Systematic benchmark of ancient DNA read mapping. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	3
289	Mitogenomes Reveal Two Major Influxes of Papuan Ancestry across Wallacea Following the Last Glacial Maximum and Austronesian Contact. <i>Genes</i> , 2021 , 12,	4.2	3
288	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021 , 371, 811-818	33.3	28
287	Origin, extinction and ancient DNA of a new fossil insular viper: molecular clues of overseas immigration. <i>Zoological Journal of the Linnean Society</i> , 2021 , 192, 144-168	2.4	2
286	Dire wolves were the last of an ancient New World canid lineage. <i>Nature</i> , 2021 , 591, 87-91	50.4	18
285	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021 , 184, 4874-4885.e16	56.2	6
284	A new extinct species of Polynesian sandpiper (Charadriiformes: Scolopacidae: Prosobonia) from Henderson Island, Pitcairn Group, and the phylogenetic relationships of Prosobonia. <i>Zoological Journal of the Linnean Society</i> , 2020 ,	2.4	3
283	A Paleogenomic Reconstruction of the Deep Population History of the Andes. <i>Cell</i> , 2020 , 181, 1131-1145.e621	62.1	33
282	Palaeomicrobiology: Application of Ancient DNA Sequencing to Better Understand Bacterial Genome Evolution and Adaptation. <i>Frontiers in Ecology and Evolution</i> , 2020 , 8,	3.7	3
281	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 3996-4006	11.5	30

280	Toxic Epidermal Necrolysis and Steven-Johnson Syndrome: A Comprehensive Review. <i>Advances in Wound Care</i> , 2020 , 9, 426-439	4.8	13
279	An optimized method for the extraction of ancient eukaryote DNA from marine sediments. <i>Molecular Ecology Resources</i> , 2020 , 20, 906-919	8.4	8
278	Ancient DNA from an extinct Mediterranean micromammal <i>Hypnomys morpheus</i> (Rodentia: Gliridae) Provides insight into the biogeographic history of insular dormice. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020 , 58, 427-438	1.9	2
277	Widespread male sex bias in mammal fossil and museum collections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19019-19024	11.5	16
276	Mitogenomes Uncover Extinct Penguin Taxa and Reveal Island Formation as a Key Driver of Speciation. <i>Molecular Biology and Evolution</i> , 2019 , 36, 784-797	8.3	23
275	Ancient DNA from marine sediments: Precautions and considerations for seafloor coring, sample handling and data generation. <i>Earth-Science Reviews</i> , 2019 , 196, 102887	10.2	25
274	Unraveling the phylogenetic relationships of the extinct bovid <i>Myotragus balearicus</i> Bate 1909 from the Balearic Islands. <i>Quaternary Science Reviews</i> , 2019 , 215, 185-195	3.9	6
273	Laboratory contamination over time during low-biomass sample analysis. <i>Molecular Ecology Resources</i> , 2019 , 19, 982-996	8.4	79
272	The Dogma of Dingoes-Taxonomic status of the dingo: A reply to Smith et al. <i>Zootaxa</i> , 2019 , 4564, zootaxa.4564.1.7	3.5	1.7
271	Low-cost cross-taxon enrichment of mitochondrial DNA using in-house synthesised RNA probes. <i>PLoS ONE</i> , 2019 , 14, e0209499	3.7	5
270	Retrospective eDNA assessment of potentially harmful algae in historical ship ballast tank and marine port sediments. <i>Molecular Ecology</i> , 2019 , 28, 2476-2485	5.7	17
269	Broadening the taxonomic scope of coral reef palaeoecological studies using ancient DNA. <i>Molecular Ecology</i> , 2019 , 28, 2636-2652	5.7	3
268	Mitochondrial Genomes from New Zealand Extinct Adzebills (Aves: Aptornithidae: Aptornis) Support a Sister-Taxon Relationship with the Afro-Madagascan Sarothruridae. <i>Diversity</i> , 2019 , 11, 24	2.5	12
267	Using hominin introgression to trace modern human dispersals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15327-15332	11.5	10
266	Contamination in Low Microbial Biomass Microbiome Studies: Issues and Recommendations. <i>Trends in Microbiology</i> , 2019 , 27, 105-117	12.4	340
265	Reconstructing the Evolution of Giant Extinct Kangaroos: Comparing the Utility of DNA, Morphology, and Total Evidence. <i>Systematic Biology</i> , 2019 , 68, 520-537	8.4	12
264	Evolution and extinction of the giant rhinoceros <i>Elasmotherium sibiricum</i> sheds light on late Quaternary megafaunal extinctions. <i>Nature Ecology and Evolution</i> , 2019 , 3, 31-38	12.3	39
263	Ancient Microbial DNA in Dental Calculus: A New method for Studying Rapid Human Migration Events. <i>Journal of Island and Coastal Archaeology</i> , 2019 , 14, 149-162	1.2	9

262	Genetic diversity and drivers of dwarfism in extinct island emu populations. <i>Biology Letters</i> , 2018 , 14,	3.6	14
261	Coprolites reveal ecological interactions lost with the extinction of New Zealand birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1546-1551	11.5	38
260	Molecular phylogenetics supports the origin of an endemic Balearic shrew lineage (Nesiotites) coincident with the Messinian Salinity Crisis. <i>Molecular Phylogenetics and Evolution</i> , 2018 , 125, 188-195	4.1	6
259	When did first reach Southeast Asia and Sahul?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8482-8490	11.5	100
258	Ancient DNA from Giant Panda (<i>Ailuropoda melanoleuca</i>) of South-Western China Reveals Genetic Diversity Loss during the Holocene. <i>Genes</i> , 2018 , 9,	4.2	8
257	Molecular resolution to a morphological controversy: The case of North American fossil muskoxen <i>Bootherium</i> and <i>Symbos</i> . <i>Molecular Phylogenetics and Evolution</i> , 2018 , 129, 70-76	4.1	10
256	Ancient plant DNA in the genomic era. <i>Nature Plants</i> , 2018 , 4, 394-396	11.5	19
255	Genome of the Tasmanian tiger provides insights into the evolution and demography of an extinct marsupial carnivore. <i>Nature Ecology and Evolution</i> , 2018 , 2, 182-192	12.3	48
254	Connecting the Greenland ice-core and U ¹⁰ h timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018 , 14, 1755-1781	3.9	38
253	Reconstructing the Deep Population History of Central and South America. <i>Cell</i> , 2018 , 175, 1185-1197. e23-2	36.2	143
252	Consequences of colonialism: A microbial perspective to contemporary Indigenous health. <i>American Journal of Physical Anthropology</i> , 2018 , 167, 423-437	2.5	7
251	Palaeogeography and voyage modeling indicates early human colonization of Australia was likely from Timor-Roti. <i>Quaternary Science Reviews</i> , 2018 , 191, 431-439	3.9	33
250	Using environmental (e)DNA sequencing for aquatic biodiversity surveys: a beginner's guide. <i>Marine and Freshwater Research</i> , 2017 , 68, 20	2.2	27
249	From the field to the laboratory: Controlling DNA contamination in human ancient DNA research in the high-throughput sequencing era. <i>Science and Technology of Archaeological Research</i> , 2017 , 3, 1-14	1.2	83
248	A primer to metabarcoding surveys of Antarctic terrestrial biodiversity. <i>Antarctic Science</i> , 2017 , 29, 3-15	1.7	6
247	Aboriginal mitogenomes reveal 50,000 years of regionalism in Australia. <i>Nature</i> , 2017 , 544, 180-184	50.4	122
246	Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus. <i>Nature</i> , 2017 , 544, 357-361	50.4	263
245	Megafaunal isotopes reveal role of increased moisture on rangeland during late Pleistocene extinctions. <i>Nature Ecology and Evolution</i> , 2017 , 1, 125	12.3	26

244	The influence of Antarctic subglacial volcanism on the global iron cycle during the Last Glacial Maximum. <i>Nature Communications</i> , 2017 , 8, 15425	17.4	16
243	Ancient DNA analysis of the extinct North American flat-headed peccary (<i>Platygonus compressus</i>). <i>Molecular Phylogenetics and Evolution</i> , 2017 , 112, 258-267	4.1	7
242	Atopic dermatitis: the new frontier. <i>Medical Journal of Australia</i> , 2017 , 207, 351-356	4	12
241	Rapid global ocean-atmosphere response to Southern Ocean freshening during the last glacial. <i>Nature Communications</i> , 2017 , 8, 520	17.4	13
240	Role of sentinel lymph node biopsy as a staging procedure in patients with melanoma: A critical appraisal. <i>Australasian Journal of Dermatology</i> , 2017 , 58, 268-273	1.3	2
239	Parallel palaeogenomic transects reveal complex genetic history of early European farmers. <i>Nature</i> , 2017 , 551, 368-372	50.4	194
238	Experimental conditions improving in-solution target enrichment for ancient DNA. <i>Molecular Ecology Resources</i> , 2017 , 17, 508-522	8.4	48
237	The origin and phylogenetic relationships of the New Zealand ravens. <i>Molecular Phylogenetics and Evolution</i> , 2017 , 106, 136-143	4.1	15
236	Ground-truthing Phylotype Assignments for Antarctic Invertebrates. <i>DNA Barcodes</i> , 2017 , 5, 1-13		
235	Modern management of acne. <i>Medical Journal of Australia</i> , 2017 , 206, 41-45	4	24
234	Reply to Santiago-Rodriguez et al.: proper authentication of ancient DNA is essential. <i>FEMS Microbiology Ecology</i> , 2017 , 93,	4.3	9
233	Ancient mitochondrial DNA provides high-resolution time scale of the peopling of the Americas. <i>Science Advances</i> , 2016 , 2, e1501385	14.3	211
232	Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. <i>Science Advances</i> , 2016 , 2, e1501682	14.3	81
231	Early cave art and ancient DNA record the origin of European bison. <i>Nature Communications</i> , 2016 , 7, 13158	17.4	63
230	Isolating Viable Ancient Bacteria: What You Put In Is What You Get Out. <i>Genome Announcements</i> , 2016 , 4,		0
229	A comprehensive database of quality-rated fossil ages for Sahul's Quaternary vertebrates. <i>Scientific Data</i> , 2016 , 3, 160053	8.2	11
228	Ancient DNA from the extinct South American giant glyptodont <i>Doedicurus</i> sp. (<i>Xenarthra</i> : <i>Glyptodontidae</i>) reveals that glyptodonts evolved from Eocene armadillos. <i>Molecular Ecology</i> , 2016 , 25, 3499-508	5.7	30
227	Iron Age and Anglo-Saxon genomes from East England reveal British migration history. <i>Nature Communications</i> , 2016 , 7, 10408	17.4	100

226	DNA adsorption by nanocrystalline allophane spherules and nanoaggregates, and implications for carbon sequestration in Andisols. <i>Applied Clay Science</i> , 2016 , 120, 40-50	5.2	27
225	Comparison of environmental DNA metabarcoding and conventional fish survey methods in a river system. <i>Biological Conservation</i> , 2016 , 197, 131-138	6.2	143
224	Climate change not to blame for late Quaternary megafauna extinctions in Australia. <i>Nature Communications</i> , 2016 , 7, 10511	17.4	91
223	Antarctic eukaryotic soil diversity of the Prince Charles Mountains revealed by high-throughput sequencing. <i>Soil Biology and Biochemistry</i> , 2016 , 95, 112-121	7.5	30
222	Response to Comment on "Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover". <i>Science</i> , 2016 , 351, 927	33.3	
221	Ancient DNA Analysis Suggests Negligible Impact of the Wari Empire Expansion in Peru's Central Coast during the Middle Horizon. <i>PLoS ONE</i> , 2016 , 11, e0155508	3.7	10
220	Age-related environmental gradients influence invertebrate distribution in the Prince Charles Mountains, East Antarctica. <i>Royal Society Open Science</i> , 2016 , 3, 160296	3.3	5
219	Exploring Relationships between Host Genome and Microbiome: New Insights from Genome-Wide Association Studies. <i>Frontiers in Microbiology</i> , 2016 , 7, 1611	5.7	14
218	Review of Toxic Epidermal Necrolysis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	32
217	High-throughput Sequencing of Trace Quantities of Soil Provides Reproducible and Discriminative Fungal DNA Profiles. <i>Journal of Forensic Sciences</i> , 2016 , 61, 478-484	1.8	14
216	A new method to extract and purify DNA from allophanic soils and paleosols, and potential for paleoenvironmental reconstruction and other applications. <i>Geoderma</i> , 2016 , 274, 114-125	6.7	10
215	Ancient mitochondrial genomes clarify the evolutionary history of New Zealand's enigmatic acanthisittid wrens. <i>Molecular Phylogenetics and Evolution</i> , 2016 , 102, 295-304	4.1	18
214	Closing the gap: New data on the last documented <i>Myotragus</i> and the first human evidence on Mallorca (Balearic Islands, Western Mediterranean Sea). <i>Holocene</i> , 2016 , 26, 1887-1891	2.6	27
213	Ancient mitochondrial DNA reveals convergent evolution of giant short-faced bears (Tremarctinae) in North and South America. <i>Biology Letters</i> , 2016 , 12,	3.6	57
212	Phylogenetic relationships and terrestrial adaptations of the extinct laughing owl, <i>Sceloglaux albifacies</i> (Aves: Strigidae). <i>Zoological Journal of the Linnean Society</i> , 2016 ,	2.4	4
211	The skin microbiome: Associations between altered microbial communities and disease. <i>Australasian Journal of Dermatology</i> , 2015 , 56, 268-74	1.3	63
210	Massive migration from the steppe was a source for Indo-European languages in Europe. <i>Nature</i> , 2015 , 522, 207-11	50.4	968
209	PALEOECOLOGY. Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover. <i>Science</i> , 2015 , 349, 602-6	33.3	217

208	Using Amplicon Sequencing To Characterize and Monitor Bacterial Diversity in Drinking Water Distribution Systems. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6463-73	4.8	42
207	Residual soil DNA extraction increases the discriminatory power between samples. <i>Forensic Science, Medicine, and Pathology</i> , 2015 , 11, 268-72	1.5	7
206	Predicting the origin of soil evidence: High throughput eukaryote sequencing and MIR spectroscopy applied to a crime scene scenario. <i>Forensic Science International</i> , 2015 , 251, 22-31	2.6	29
205	Comment on "Whole-genome analyses resolve early branches in the tree of life of modern birds". <i>Science</i> , 2015 , 349, 1460	33.3	29
204	New Zealand Passerines Help Clarify the Diversification of Major Songbird Lineages during the Oligocene. <i>Genome Biology and Evolution</i> , 2015 , 7, 2983-95	3.9	29
203	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. <i>Quaternary Geochronology</i> , 2015 , 30, 69-79	2.7	27
202	Genome-wide patterns of selection in 230 ancient Eurasians. <i>Nature</i> , 2015 , 528, 499-503	50.4	774
201	Ancient DNA analysis of dental calculus. <i>Journal of Human Evolution</i> , 2015 , 79, 119-24	3.1	76
200	Treatment of chronic diabetic lower leg ulcers with activated protein C: a randomised placebo-controlled, double-blind pilot clinical trial. <i>International Wound Journal</i> , 2015 , 12, 422-7	2.6	18
199	Role of nanocrystalline silver dressings in the management of toxic epidermal necrolysis (TEN) and TEN/Stevens-Johnson syndrome overlap. <i>Australasian Journal of Dermatology</i> , 2015 , 56, 298-302	1.3	9
198	The Biarzo case in northern Italy: is the temporal dynamic of swine mitochondrial DNA lineages in Europe related to domestication?. <i>Scientific Reports</i> , 2015 , 5, 16514	4.9	11
197	Reintroduction of locally extinct vertebrates impacts arid soil fungal communities. <i>Molecular Ecology</i> , 2015 , 24, 3194-205	5.7	16
196	Obliquity-driven expansion of North Atlantic sea ice during the last glacial. <i>Geophysical Research Letters</i> , 2015 , 42, 10,382	4.9	10
195	Amplification of TruSeq ancient DNA libraries with AccuPrime Pfx: consequences on nucleotide misincorporation and methylation patterns. <i>Science and Technology of Archaeological Research</i> , 2015 , 1, 1-9	1.2	9
194	Uncertainties in dating constrain model choice for inferring extinction time from fossil records. <i>Quaternary Science Reviews</i> , 2015 , 112, 128-137	3.9	34
193	Late pleistocene Australian marsupial DNA clarifies the affinities of extinct megafaunal kangaroos and wallabies. <i>Molecular Biology and Evolution</i> , 2015 , 32, 574-84	8.3	22
192	A Re-Appraisal of the Early Andean Human Remains from Lauricocha in Peru. <i>PLoS ONE</i> , 2015 , 10, e0127141	3.7	34
191	Limitations and recommendations for successful DNA extraction from forensic soil samples: a review. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 238-44	2	57

190	Integrating multiple lines of evidence into historical biogeography hypothesis testing: a Bison bison case study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20132782	4.4	29
189	Pleistocene Chinese cave hyenas and the recent Eurasian history of the spotted hyena, <i>Crocuta crocuta</i> . <i>Molecular Ecology</i> , 2014 , 23, 522-33	5.7	21
188	Environmental metabarcodes for insects: in silico PCR reveals potential for taxonomic bias. <i>Molecular Ecology Resources</i> , 2014 , 14, 1160-70	8.4	195
187	Using ancient DNA to study the origins and dispersal of ancestral Polynesian chickens across the Pacific. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4826-31	11.5	110
186	Reply to Santiago-Rodriguez et al.: Was luxS really isolated from 25- to 40-million-year-old bacteria?. <i>FEMS Microbiology Letters</i> , 2014 , 353, 85-6	2.9	10
185	Ancient DNA reveals elephant birds and kiwi are sister taxa and clarifies ratite bird evolution. <i>Science</i> , 2014 , 344, 898-900	33.3	189
184	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , 2014 , 506, 47-51	50.4	351
183	Using palaeoenvironmental DNA to reconstruct past environments: progress and prospects. <i>Journal of Quaternary Science</i> , 2014 , 29, 610-626	2.3	64
182	Assessing the impact of water treatment on bacterial biofilms in drinking water distribution systems using high-throughput DNA sequencing. <i>Chemosphere</i> , 2014 , 117, 185-92	8.4	29
181	An extinct nestorid parrot (Aves, Psittaciformes, Nestoridae) from the Chatham Islands, New Zealand. <i>Zoological Journal of the Linnean Society</i> , 2014 , 172, 185-199	2.4	14
180	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014 , 513, 409-13	50.4	812
179	Forensic soil DNA analysis using high-throughput sequencing: a comparison of four molecular markers. <i>Forensic Science International: Genetics</i> , 2014 , 13, 176-84	4.3	42
178	Reply to Beavan, Bryant, and Storey and Matisoo-Smith: Ancestral Polynesian D haplotypes reflect authentic Pacific chicken lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3585-6	11.5	8
177	Molecular phylogeny, biogeography, and habitat preference evolution of marsupials. <i>Molecular Biology and Evolution</i> , 2014 , 31, 2322-30	8.3	137
176	Molecular genetic evidence for the place of origin of the Pacific rat, <i>Rattus exulans</i> . <i>PLoS ONE</i> , 2014 , 9, e91356	3.7	25
175	Genotyping single nucleotide polymorphisms using different molecular beacon multiplexed within a suspended core optical fiber. <i>Sensors</i> , 2014 , 14, 14488-99	3.8	6
174	Using Ancient DNA to Understand Evolutionary and Ecological Processes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014 , 45, 573-598	13.5	60
173	Ancient mitochondrial genome reveals unsuspected taxonomic affinity of the extinct Chatham duck (<i>Pachyanas chathamica</i>) and resolves divergence times for New Zealand and sub-Antarctic brown teals. <i>Molecular Phylogenetics and Evolution</i> , 2014 , 70, 420-8	4.1	38

172	Modular tagging of amplicons using a single PCR for high-throughput sequencing. <i>Molecular Ecology Resources</i> , 2014 , 14, 117-21	8.4	25
171	Mitochondrial genome sequencing in Mesolithic North East Europe Unearths a new sub-clade within the broadly distributed human haplogroup C1. <i>PLoS ONE</i> , 2014 , 9, e87612	3.7	15
170	AmericaPlex26: a SNaPshot multiplex system for genotyping the main human mitochondrial founder lineages of the Americas. <i>PLoS ONE</i> , 2014 , 9, e93292	3.7	14
169	Carbon Storage and DNA Adsorption in Allophanic Soils and Paleosols 2014 , 163-172		4
168	Rapid megafaunal extinction following human arrival throughout the New World. <i>Quaternary International</i> , 2013 , 308-309, 273-277	2	37
167	Resolving lost herbivore community structure using coprolites of four sympatric moa species (Aves: Dinornithiformes). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16910-5	11.5	47
166	Ancient DNA reveals key stages in the formation of central European mitochondrial genetic diversity. <i>Science</i> , 2013 , 342, 257-61	33.3	237
165	Youngest reported radiocarbon age of a moa (Aves: Dinornithiformes) dated from a natural site in New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2013 , 43, 100-107	2	10
164	DNA capture and next-generation sequencing can recover whole mitochondrial genomes from highly degraded samples for human identification. <i>Investigative Genetics</i> , 2013 , 4, 26		78
163	A quantitative assessment of a reliable screening technique for the STR analysis of telogen hair roots. <i>Forensic Science International: Genetics</i> , 2013 , 7, 180-8	4.3	23
162	Sequencing ancient calcified dental plaque shows changes in oral microbiota with dietary shifts of the Neolithic and Industrial revolutions. <i>Nature Genetics</i> , 2013 , 45, 450-5, 455e1	36.3	366
161	The origins of the enigmatic Falkland Islands wolf. <i>Nature Communications</i> , 2013 , 4, 1552	17.4	33
160	Ancient DNA reveals prehistoric gene-flow from siberia in the complex human population history of North East Europe. <i>PLoS Genetics</i> , 2013 , 9, e1003296	6	66
159	Neolithic mitochondrial haplogroup H genomes and the genetic origins of Europeans. <i>Nature Communications</i> , 2013 , 4, 1764	17.4	141
158	Paleontology. Did the Denisovans cross Wallace's Line?. <i>Science</i> , 2013 , 342, 321-3	33.3	74
157	Ancient DNA identifies post-glacial recolonisation, not recent bottlenecks, as the primary driver of contemporary mtDNA phylogeography and diversity in Scandinavian brown bears. <i>Diversity and Distributions</i> , 2013 , 19, 245-256	5	52
156	Mitochondrial phylogenomics of modern and ancient equids. <i>PLoS ONE</i> , 2013 , 8, e55950	3.7	99
155	Lack of chronological support for stepwise prehuman extinctions of Australian megafauna. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E3368	11.5	18

154	A megafauna's microfauna: gastrointestinal parasites of New Zealand's extinct moa (Aves: Dinornithiformes). <i>PLoS ONE</i> , 2013 , 8, e57315	3.7	51
153	Y-chromosome and mtDNA genetics reveal significant contrasts in affinities of modern Middle Eastern populations with European and African populations. <i>PLoS ONE</i> , 2013 , 8, e54616	3.7	39
152	Historical stocking data and 19th century DNA reveal human-induced changes to native diversity and distribution of cutthroat trout. <i>Molecular Ecology</i> , 2012 , 21, 5194-207	5.7	29
151	Recombination gives a new insight in the effective population size and the history of the old world human populations. <i>Molecular Biology and Evolution</i> , 2012 , 29, 25-30	8.3	24
150	Mitochondrial origin of the matrilineal Mosuo people in China. <i>Mitochondrial DNA</i> , 2012 , 23, 13-9		10
149	Evidence of pre-Roman tribal genetic structure in Basques from uniparentally inherited markers. <i>Molecular Biology and Evolution</i> , 2012 , 29, 2211-22	8.3	32
148	A lost link between a flightless parrot and a parasitic plant and the potential role of coprolites in conservation paleobiology. <i>Conservation Biology</i> , 2012 , 26, 1091-9	6	28
147	Robust estimates of extinction time in the geological record. <i>Quaternary Science Reviews</i> , 2012 , 33, 14-19.9		48
146	Man and megafauna in Tasmania: closing the gap. <i>Quaternary Science Reviews</i> , 2012 , 37, 38-47	3.9	25
145	The effect of climate and environmental change on the megafaunal moa of New Zealand in the absence of humans. <i>Quaternary Science Reviews</i> , 2012 , 50, 141-153	3.9	35
144	High-resolution analysis of cytosine methylation in ancient DNA. <i>PLoS ONE</i> , 2012 , 7, e30226	3.7	61
143	Y-chromosome analysis in individuals bearing the Basarab name of the first dynasty of Wallachian kings. <i>PLoS ONE</i> , 2012 , 7, e41803	3.7	9
142	Clan, language, and migration history has shaped genetic diversity in Haida and Tlingit populations from Southeast Alaska. <i>American Journal of Physical Anthropology</i> , 2012 , 148, 422-35	2.5	30
141	The Basque paradigm: genetic evidence of a maternal continuity in the Franco-Cantabrian region since pre-Neolithic times. <i>American Journal of Human Genetics</i> , 2012 , 90, 486-93	11	47
140	Y-chromosome O3 haplogroup diversity in Sino-Tibetan populations reveals two migration routes into the eastern Himalayas. <i>Annals of Human Genetics</i> , 2012 , 76, 92-9	2.2	24
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5	Confidence Intervals for the Divergence Time of Two Clades		5
4	Population size history from short genomic scaffolds: how short is too short?		2
3	Parallel paleogenomic transects reveal complex genetic history of early European farmers		7
2	Ancient human genomes reveal a hidden history of strong selection in Eurasia		1
1	Laboratory contamination over time during low-biomass sample analysis		1