

# Alan J Cooper

## List of Publications by Year in descending order

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Version: 2024-02-01

297  
papers

32,379  
citations

4584

88  
h-index

6024

165  
g-index

315  
all docs

315  
docs citations

315  
times ranked

28367  
citing authors

#	ARTICLE	IF	CITATIONS
1	An age-depth model and revised stratigraphy of vertebrate-bearing units in Natural Trap Cave, Wyoming. <i>Quaternary International</i> , 2023, 647-648, 4-21.	0.7	4
2	Lions and brown bears colonized North America in multiple synchronous waves of dispersal across the Bering Land Bridge. <i>Molecular Ecology</i> , 2022, 31, 6407-6421.	2.0	15
3	A new extinct species of Polynesian sandpiper (Charadriiformes: Scolopacidae: <i>Prosobonia</i> ) from Henderson Island, Pitcairn Group, and the phylogenetic relationships of <i>Prosobonia</i> . <i>Zoological Journal of the Linnean Society</i> , 2021, 192, 1045-1070.	1.0	9
4	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021, 371, 811-818.	6.0	61
5	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.	1.0	6
6	Dire wolves were the last of an ancient New World canid lineage. <i>Nature</i> , 2021, 591, 87-91.	13.7	43
7	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.	3.4	27
8	Systematic benchmark of ancient DNA read mapping. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	13
9	Mitogenomes Reveal Two Major Influxes of Papuan Ancestry across Wallacea Following the Last Glacial Maximum and Austronesian Contact. <i>Genes</i> , 2021, 12, 965.	1.0	15
10	Ancient and modern genomes unravel the evolutionary history of the rhinoceros family. <i>Cell</i> , 2021, 184, 4874-4885.e16.	13.5	49
11	Characterizing porous microaggregates and soil organic matter sequestered in allophanic paleosols on Holocene tephra using synchrotron-based X-ray microscopy and spectroscopy. <i>Scientific Reports</i> , 2021, 11, 21310.	1.6	6
12	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021, 374, eabi9756.	6.0	2
13	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, .	0.7	3
14	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021, 374, eabh3655.	6.0	0
15	Ancient DNA from an extinct Mediterranean micromammal " <i>Hypnomys morpheus</i> " (Rodentia: Tj ETQq1 1 0.784314 rgBT /Over Systematics and Evolutionary Research, 2020, 58, 427-438.	0.6	6
16	A Paleogenomic Reconstruction of the Deep Population History of the Andes. <i>Cell</i> , 2020, 181, 1131-1145.e21.	13.5	69
17	Palaeomicrobiology: Application of Ancient DNA Sequencing to Better Understand Bacterial Genome Evolution and Adaptation. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	19
18	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.	3.3	50

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19	Toxic Epidermal Necrolysis and Stevenâ€“Johnson Syndrome: A Comprehensive Review. <i>Advances in Wound Care</i> , 2020, 9, 426-439.	2.6	41
20	An optimized method for the extraction of ancient eukaryote DNA from marine sediments. <i>Molecular Ecology Resources</i> , 2020, 20, 906-919.	2.2	55
21	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.	3.3	23
22	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.	3.3	37
23	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.	3.5	36
24	Ancient DNA from marine sediments: Precautions and considerations for seafloor coring, sample handling and data generation. <i>Earth-Science Reviews</i> , 2019, 196, 102887.	4.0	90
25	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.	1.4	21
26	Laboratory contamination over time during lowâ€“biomass sample analysis. <i>Molecular Ecology Resources</i> , 2019, 19, 982-996.	2.2	161
27	The Dogma of Dingoesâ€“Taxonomic status of the dingo: A reply to Smith et al.. <i>Zootaxa</i> , 2019, 4564, zootaxa.4564.1.7.	0.2	27
28	Low-cost cross-taxon enrichment of mitochondrial DNA using in-house synthesised RNA probes. <i>PLoS ONE</i> , 2019, 14, e0209499.	1.1	9
29	Retrospective eDNA assessment of potentially harmful algae in historical ship ballast tank and marine port sediments. <i>Molecular Ecology</i> , 2019, 28, 2476-2485.	2.0	28
30	Broadening the taxonomic scope of coral reef palaeoecological studies using ancient DNA. <i>Molecular Ecology</i> , 2019, 28, 2636-2652.	2.0	44
31	Mitochondrial Genomes from New Zealandâ€“s Extinct Adzebills (Aves: Aptornithidae: Aptornis) Support a Sister-Taxon Relationship with the Afro-Madagascan Sarothruridae. <i>Diversity</i> , 2019, 11, 24.	0.7	22
32	Contamination in Low Microbial Biomass Microbiome Studies: Issues and Recommendations. <i>Trends in Microbiology</i> , 2019, 27, 105-117.	3.5	652
33	Reconstructing the Evolution of Giant Extinct Kangaroos: Comparing the Utility of DNA, Morphology, and Total Evidence. <i>Systematic Biology</i> , 2019, 68, 520-537.	2.7	25
34	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.	3.4	50
35	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.	0.6	16
36	A new home for microbes. <i>ELife</i> , 2019, 8, .	2.8	0

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37	Genetic diversity and drivers of dwarfism in extinct island emu populations. <i>Biology Letters</i> , 2018, 14, 20170617.	1.0	16
38	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.	3.3	54
39	Molecular phylogenetics supports the origin of an endemic Balearic shrew lineage ( <i>Nesiotites</i> ) coincident with the Messinian Salinity Crisis. <i>Molecular Phylogenetics and Evolution</i> , 2018, 125, 188-195.	1.2	7
40	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.	3.4	78
41	Connecting the Greenland ice-core and $U^{235}Th$ timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018, 14, 1755-1781.	1.3	62
42	Reconstructing the Deep Population History of Central and South America. <i>Cell</i> , 2018, 175, 1185-1197.e22.	13.5	259
43	Consequences of colonialism: A microbial perspective to contemporary Indigenous health. <i>American Journal of Physical Anthropology</i> , 2018, 167, 423-437.	2.1	12
44	Palaeogeography and voyage modeling indicates early human colonization of Australia was likely from Timor-Roti. <i>Quaternary Science Reviews</i> , 2018, 191, 431-439.	1.4	52
45	When did <i>Homo sapiens</i> 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.	3.3	186
46	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, 198.	1.0	14
47	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.	1.2	10
48	Ancient plant DNA in the genomic era. <i>Nature Plants</i> , 2018, 4, 394-396.	4.7	54
49	Using environmental (e)DNA sequencing for aquatic biodiversity surveys: a beginner's guide. <i>Marine and Freshwater Research</i> , 2017, 68, 20.	0.7	36
50	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.	2.4	126
51	A primer to metabarcoding surveys of Antarctic terrestrial biodiversity. <i>Antarctic Science</i> , 2017, 29, 3-15.	0.5	13
52	Aboriginal mitogenomes reveal 50,000 years of regionalism in Australia. <i>Nature</i> , 2017, 544, 180-184.	13.7	195
53	Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus. <i>Nature</i> , 2017, 544, 357-361.	13.7	398
54	Megafaunal isotopes reveal role of increased moisture on rangeland during late Pleistocene extinctions. <i>Nature Ecology and Evolution</i> , 2017, 1, 125.	3.4	35

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55	The influence of Antarctic subglacial volcanism on the global iron cycle during the Last Glacial Maximum. <i>Nature Communications</i> , 2017, 8, 15425.	5.8	21
56	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.	1.2	10
57	Rapid global ocean-atmosphere response to Southern Ocean freshening during the last glacial. <i>Nature Communications</i> , 2017, 8, 520.	5.8	15
58	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.	0.4	2
59	Parallel palaeogenomic transects reveal complex genetic history of early European farmers. <i>Nature</i> , 2017, 551, 368-372.	13.7	306
60	Experimental conditions improving in-solution target enrichment for ancient DNA.	2.2	67
61	The origin and phylogenetic relationships of the New Zealand ravens. <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 136-143.	1.2	18
62	Ground-truthing Phylotype Assignments for Antarctic Invertebrates. <i>DNA Barcodes</i> , 2017, 5, 1-13.	1.2	0
63	Modern management of acne. <i>Medical Journal of Australia</i> , 2017, 206, 41-45.	0.8	40
64	Atopic dermatitis: the new frontier. <i>Medical Journal of Australia</i> , 2017, 207, 351-356.	0.8	22
65	Reply to Santiago-Rodriguez et al.: proper authentication of ancient DNA is essential. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	9
66	Exploring Relationships between Host Genome and Microbiome: New Insights from Genome-Wide Association Studies. <i>Frontiers in Microbiology</i> , 2016, 7, 1611.	1.5	22
67	Review of Toxic Epidermal Necrolysis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2135.	1.8	43
68	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.	0.9	16
69	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.	2.3	13
70	Ancient mitochondrial genomes clarify the evolutionary history of New Zealand's enigmatic acanthisittid wrens. <i>Molecular Phylogenetics and Evolution</i> , 2016, 102, 295-304.	1.2	26
71	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.	0.9	41
72	Ancient mitochondrial DNA reveals convergent evolution of giant short-faced bears ( <i>Tremarctinae</i> ) in North and South America. <i>Biology Letters</i> , 2016, 12, 20160062.	1.0	65

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73	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, , .	1.0	8
74	Ancient mitochondrial DNA provides high-resolution time scale of the peopling of the Americas. <i>Science Advances</i> , 2016, 2, e1501385.	4.7	306
75	Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. <i>Science Advances</i> , 2016, 2, e1501682.	4.7	102
76	Early cave art and ancient DNA record the origin of European bison. <i>Nature Communications</i> , 2016, 7, 13158.	5.8	81
77	Isolating Viable Ancient Bacteria: What You Put In Is What You Get Out. <i>Genome Announcements</i> , 2016, 4, .	0.8	2
78	A comprehensive database of quality-rated fossil ages for Sahul's Quaternary vertebrates. <i>Scientific Data</i> , 2016, 3, 160053.	2.4	16
79	Ancient <i>scp</i> DNA from the extinct South American giant glyptodont <i>Doedicurus</i> sp. (Xenarthra: Glyptodontidae) reveals that glyptodonts evolved from Eocene armadillos. <i>Molecular Ecology</i> , 2016, 25, 3499-3508.	2.0	43
80	Iron Age and Anglo-Saxon genomes from East England reveal British migration history. <i>Nature Communications</i> , 2016, 7, 10408.	5.8	144
81	DNA adsorption by nanocrystalline allophane spherules and nanoaggregates, and implications for carbon sequestration in Andisols. <i>Applied Clay Science</i> , 2016, 120, 40-50.	2.6	37
82	Comparison of environmental DNA metabarcoding and conventional fish survey methods in a river system. <i>Biological Conservation</i> , 2016, 197, 131-138.	1.9	228
83	Climate change not to blame for late Quaternary megafauna extinctions in Australia. <i>Nature Communications</i> , 2016, 7, 10511.	5.8	109
84	Antarctic eukaryotic soil diversity of the Prince Charles Mountains revealed by high-throughput sequencing. <i>Soil Biology and Biochemistry</i> , 2016, 95, 112-121.	4.2	66
85	Response to Comment on "Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover". <i>Science</i> , 2016, 351, 927-927.	6.0	0
86	Age-related environmental gradients influence invertebrate distribution in the Prince Charles Mountains, East Antarctica. <i>Royal Society Open Science</i> , 2016, 3, 160296.	1.1	10
87	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.	1.1	13
88	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.	1.6	12
89	Reintroduction of locally extinct vertebrates impacts arid soil fungal communities. <i>Molecular Ecology</i> , 2015, 24, 3194-3205.	2.0	20
90	Obliquity-driven expansion of North Atlantic sea ice during the last glacial. <i>Geophysical Research Letters</i> , 2015, 42, 10,382.	1.5	12

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91	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.	2.4	12
92	Uncertainties in dating constrain model choice for inferring extinction time from fossil records. <i>Quaternary Science Reviews</i> , 2015, 112, 128-137.	1.4	37
93	Late Pleistocene Australian Marsupial DNA Clarifies the Affinities of Extinct Megafaunal Kangaroos and Wallabies. <i>Molecular Biology and Evolution</i> , 2015, 32, 574-584.	3.5	29
94	The skin microbiome: Associations between altered microbial communities and disease. <i>Australasian Journal of Dermatology</i> , 2015, 56, 268-274.	0.4	88
95	Massive migration from the steppe was a source for Indo-European languages in Europe. <i>Nature</i> , 2015, 522, 207-211.	13.7	1,435
96	Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover. <i>Science</i> , 2015, 349, 602-606.	6.0	274
97	Using Amplicon Sequencing To Characterize and Monitor Bacterial Diversity in Drinking Water Distribution Systems. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6463-6473.	1.4	63
98	Residual soil DNA extraction increases the discriminatory power between samples. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 268-272.	0.6	12
99	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.	1.3	36
100	Comment on "Whole-genome analyses resolve early branches in the tree of life of modern birds". <i>Science</i> , 2015, 349, 1460-1460.	6.0	36
101	New Zealand Passerines Help Clarify the Diversification of Major Songbird Lineages during the Oligocene. <i>Genome Biology and Evolution</i> , 2015, 7, 2983-2995.	1.1	43
102	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. <i>Quaternary Geochronology</i> , 2015, 30, 69-79.	0.6	31
103	Genome-wide patterns of selection in 230 ancient Eurasians. <i>Nature</i> , 2015, 528, 499-503.	13.7	1,160
104	Ancient DNA analysis of dental calculus. <i>Journal of Human Evolution</i> , 2015, 79, 119-124.	1.3	114
105	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, 422-427.	1.3	22
106	Role of nanocrystalline silver dressings in the management of toxic epidermal necrolysis (TEN) and TEN/SCSS-tevens-Johnson syndrome overlap. <i>Australasian Journal of Dermatology</i> , 2015, 56, 298-302.	0.4	13
107	A Re-Appraisal of the Early Andean Human Remains from Lauricocha in Peru. <i>PLoS ONE</i> , 2015, 10, e0127141.	1.1	41
108	Molecular Genetic Evidence for the Place of Origin of the Pacific Rat, <i>Rattus exulans</i> . <i>PLoS ONE</i> , 2014, 9, e91356.	1.1	31

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109	An extinct nestorid parrot (Aves, Psittaciformes, Nestoridae) from the Chatham Islands, New Zealand. <i>Zoological Journal of the Linnean Society</i> , 2014, , .	1.0	0
110	Genotyping Single Nucleotide Polymorphisms Using Different Molecular Beacon Multiplexed within a Suspended Core Optical Fiber. <i>Sensors</i> , 2014, 14, 14488-14499.	2.1	7
111	Using Ancient DNA to Understand Evolutionary and Ecological Processes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2014, 45, 573-598.	3.8	88
112	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, 420-428.	1.2	49
113	Modular tagging of amplicons using a single <sc>PCR</sc> for high-throughput sequencing. <i>Molecular Ecology Resources</i> , 2014, 14, 117-121.	2.2	29
114	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, 238-244.	1.3	74
115	Integrating multiple lines of evidence into historical biogeography hypothesis testing: a <i>Bison bison</i> case study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132782.	1.2	41
116	Pleistocene <i>C</i> hinese cave hyenas and the recent <i>E</i> urasian history of the spotted hyena, <i>C</i> rocota <i>crocota</i> . <i>Molecular Ecology</i> , 2014, 23, 522-533.	2.0	29
117	Environmental metabarcodes for insects: <i>in silico</i> <sc>PCR</sc> reveals potential for taxonomic bias. <i>Molecular Ecology Resources</i> , 2014, 14, 1160-1170.	2.2	261
118	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, 4826-4831.	3.3	131
119	Reply to Santiago-Rodriguez <i>et al</i> .: Was <i>S</i> really isolated from 25- to 40-million-year-old bacteria?. <i>FEMS Microbiology Letters</i> , 2014, 353, 85-86.	0.7	12
120	Ancient DNA reveals elephant birds and kiwi are sister taxa and clarifies ratite bird evolution. <i>Science</i> , 2014, 344, 898-900.	6.0	247
121	Fifty thousand years of Arctic vegetation and megafaunal diet. <i>Nature</i> , 2014, 506, 47-51.	13.7	505
122	Using palaeoenvironmental DNA to reconstruct past environments: progress and prospects. <i>Journal of Quaternary Science</i> , 2014, 29, 610-626.	1.1	116
123	Assessing the impact of water treatment on bacterial biofilms in drinking water distribution systems using high-throughput DNA sequencing. <i>Chemosphere</i> , 2014, 117, 185-192.	4.2	35
124	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.	1.0	15
125	Ancient human genomes suggest three ancestral populations for present-day Europeans. <i>Nature</i> , 2014, 513, 409-413.	13.7	1,179
126	Forensic soil DNA analysis using high-throughput sequencing: A comparison of four molecular markers. <i>Forensic Science International: Genetics</i> , 2014, 13, 176-184.	1.6	51



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127	Reply to Beavan, Bryant, and Storey and Matisoo-Smith: Ancestral Polynesian $\Delta$ -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.	3.3	9
128	Molecular Phylogeny, Biogeography, and Habitat Preference Evolution of Marsupials. <i>Molecular Biology and Evolution</i> , 2014, 31, 2322-2330.	3.5	189
129	Carbon Storage and DNA Adsorption in Allophanic Soils and Paleosols. , 2014, , 163-172.		5
130	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.	1.1	34
131	AmericaPlex26: A SNaPshot Multiplex System for Genotyping the Main Human Mitochondrial Founder Lineages of the Americas. <i>PLoS ONE</i> , 2014, 9, e93292.	1.1	16
132	Rapid megafaunal extinction following human arrival throughout the New World. <i>Quaternary International</i> , 2013, 308-309, 273-277.	0.7	44
133	Resolving lost herbivore community structure using coprolites of four sympatric moa species (Aves: <i>Tyrannosaurus rex</i> ). <i>PLoS ONE</i> , 2013, 110, 16910-16915.	3.3	57
134	Ancient DNA Reveals Key Stages in the Formation of Central European Mitochondrial Genetic Diversity. <i>Science</i> , 2013, 342, 257-261.	6.0	293
135	Youngest reported radiocarbon age of a moa (Aves: <i>Dinornithiformes</i> ) dated from a natural site in New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2013, 43, 100-107.	1.0	12
136	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.	3.3	101
137	A quantitative assessment of a reliable screening technique for the STR analysis of telogen hair roots. <i>Forensic Science International: Genetics</i> , 2013, 7, 180-188.	1.6	32
138	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, 450-455.	9.4	500
139	The origins of the enigmatic Falkland Islands wolf. <i>Nature Communications</i> , 2013, 4, 1552.	5.8	40
140	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.	1.5	78
141	Neolithic mitochondrial haplogroup H genomes and the genetic origins of Europeans. <i>Nature Communications</i> , 2013, 4, 1764.	5.8	180
142	Did the Denisovans Cross Wallace's Line?. <i>Science</i> , 2013, 342, 321-323.	6.0	85
143	Ancient $\Delta$ -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.	1.9	59
144	Mitochondrial Phylogenomics of Modern and Ancient Equids. <i>PLoS ONE</i> , 2013, 8, e55950.	1.1	123

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145	Lack of chronological support for stepwise prehuman extinctions of Australian megafauna. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3368.	3.3	19
146	Pyoderma gangrenosum " a frequently misdiagnosed skin condition. Medical Journal of Australia, 2013, 199, 382-383.	0.8	0
147	A Megafauna's Microfauna: Gastrointestinal Parasites of New Zealand's Extinct Moa (Aves:). Tj ETQq1 1 0.784314 rgBT/Overlaid	1.1	69
148	Y-Chromosome and mtDNA Genetics Reveal Significant Contrasts in Affinities of Modern Middle Eastern Populations with European and African Populations. PLoS ONE, 2013, 8, e54616.	1.1	49
149	The Influence of Rate Heterogeneity among Sites on the Time Dependence of Molecular Rates. Molecular Biology and Evolution, 2012, 29, 3345-3358.	3.5	275
150	Molecular beacons immobilized within suspended core optical fiber for specific DNA detection. Optics Express, 2012, 20, 29378.	1.7	30
151	DNA detection using molecular beacon in soft-glass microstructured optical fibers. Proceedings of SPIE, 2012, , .	0.8	1
152	Historical stocking data and 19th century <scp>DNA</scp> reveal human-induced changes to native diversity and distribution of cutthroat trout. Molecular Ecology, 2012, 21, 5194-5207.	2.0	40
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