David Caramelli

List of Publications by Year
in descending order

88 papers	6,357 citations	117625 34 h-index	74163 75 g-index
100 all docs	100 docs citations	100 times ranked	6723 citing authors

#	Article	IF	Citations
1	The genetic history of Ice Age Europe. Nature, 2016, 534, 200-205.	27.8	729
2	A Revised Timescale for Human Evolution Based on Ancient Mitochondrial Genomes. Current Biology, 2013, 23, 553-559.	3.9	540
3	The Beaker phenomenon and the genomic transformation of northwest Europe. Nature, 2018, 555, 190-196.	27.8	503
4	The genomic history of southeastern Europe. Nature, 2018, 555, 197-203.	27.8	479
5	Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus. Nature, 2017, 544, 357-361.	27.8	398
6	Evidence for a genetic discontinuity between Neandertals and 24,000-year-old anatomically modern Europeans. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6593-6597.	7.1	324
7	Pleistocene Mitochondrial Genomes Suggest a Single Major Dispersal of Non-Africans and a Late Glacial Population Turnover in Europe. Current Biology, 2016, 26, 827-833.	3.9	277
8	The origin of European cattle: Evidence from modern and ancient DNA. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8113-8118.	7.1	271
9	A Melanocortin 1 Receptor Allele Suggests Varying Pigmentation Among Neanderthals. Science, 2007, 318, 1453-1455.	12.6	264
10	Ancient DNA studies: new perspectives on old samples. Genetics Selection Evolution, 2012, 44, 21.	3.0	150
11	Neandertal Evolutionary Genetics: Mitochondrial DNA Data from the Iberian Peninsula. Molecular Biology and Evolution, 2005, 22, 1077-1081.	8.9	139
12	The genetic impact of demographic decline and reintroduction in the wild boar (Sus scrofa): A microsatellite analysis. Molecular Ecology, 2003, 12, 585-595.	3.9	118
13	Understanding 6th-century barbarian social organization and migration through paleogenomics. Nature Communications, 2018, 9, 3547.	12.8	111
14	Tracking down Human Contamination in Ancient Human Teeth. Molecular Biology and Evolution, 2006, 23, 1801-1807.	8.9	105
15	The spread of steppe and Iranian-related ancestry in the islands of the western Mediterranean. Nature Ecology and Evolution, 2020, 4, 334-345.	7.8	95
16	Palaeogenetic evidence supports a dual model of Neolithic spreading into Europe. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2161-2167.	2.6	93
17	A highly divergent mtDNA sequence in a Neandertal individual from Italy. Current Biology, 2006, 16, R630-R632.	3.9	80
18	The genetic structure of natural and reintroduced roe deer (Capreolus capreolus) populations in the Alps and central Italy, with reference to the mitochondrial DNA phylogeography of Europe. Molecular Ecology, 2002, 11, 1285-1297.	3.9	73

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19	The Etruscans: A Population-Genetic Study. American Journal of Human Genetics, 2004, 74, 694-704.	6.2	72
20	Emergence of human-adapted Salmonella enterica is linked to the Neolithization process. Nature Ecology and Evolution, 2020, 4, 324-333.	7.8	72
21	Origin and Diet of the Prehistoric Hunter-Gatherers on the Mediterranean Island of Favignana (Ã^gadi) Tj ETQq1 1 0.784314 rgBT /Ove	2.5	70
22	Mitochondrial DNA of an Iberian Neandertal suggests a population affinity with other European Neandertals. Current Biology, 2006, 16, R629-R630.	3.9	68
23	Specific inactivation of two immunomodulatory SIGLEC genes during human evolution. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9935-9940.	7.1	64
24	Monitoring DNA Contamination in Handled vs. Directly Excavated Ancient Human Skeletal Remains. PLoS ONE, 2013, 8, e52524.	2.5	58
25	Genealogical Relationships between Early Medieval and Modern Inhabitants of Piedmont. PLoS ONE, 2015, 10, e0116801.	2.5	58
26	The Genetics of the Pre-Roman Iberian Peninsula: A mtDNA Study of Ancient Iberians. Annals of Human Genetics, 2005, 69, 535-548.	0.8	56
27	Population dynamic of the extinct European aurochs: genetic evidence of a north-south differentiation pattern and no evidence of post-glacial expansion. BMC Evolutionary Biology, 2010, 10, 83.	3.2	51
28	Genetic characterization of the body attributed to the evangelist Luke. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13460-13463.	7.1	47
29	The origin and legacy of the Etruscans through a 2000-year archeogenomic time transect. Science Advances, 2021, 7, eabi7673.	10.3	44
30	Inferring Genealogical Processes from Patterns of Bronze-Age and Modern DNA Variation in Sardinia. Molecular Biology and Evolution, 2010, 27, 875-886.	8.9	40
31	Origins and Evolution of the Etruscansâ€™ mtDNA. PLoS ONE, 2013, 8, e55519.	2.5	40
32	The Complete Mitochondrial Genome of an 11,450-year-old Aurochsen (Bos primigenius) from Central Italy. BMC Evolutionary Biology, 2011, 11, 32.	3.2	39
33	Neither femur nor tooth: Petrous bone for identifying archaeological bone samples via forensic approach. Forensic Science International, 2018, 283, 144-149.	2.2	38
34	A 28,000 Years Old Cro-Magnon mtDNA Sequence Differs from All Potentially Contaminating Modern Sequences. PLoS ONE, 2008, 3, e2700.	2.5	37
35	Unexpected presence of Fagus orientalis complex in Italy as inferred from 45,000-year-old DNA pollen samples from Venice lagoon. BMC Evolutionary Biology, 2007, 7, S6.	3.2	36
36	Complete mitochondrial sequences from Mesolithic Sardinia. Scientific Reports, 2017, 7, 42869.	3.3	35

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37	Genetic variation in prehistoric Sardinia. Human Genetics, 2007, 122, 327-336.	3.8	34
38	Genetic analysis of the skeletal remains attributed to Francesco Petrarca. Forensic Science International, 2007, 173, 36-40.	2.2	33
39	The Origins of Domesticated Cattle. Human Evolution, 2006, 21, 107-122.	2.0	31
40	The Microcephalin Ancestral Allele in a Neanderthal Individual. PLoS ONE, 2010, 5, e10648.	2.5	31
41	Genealogical Discontinuities among Etruscan, Medieval, and Contemporary Tuscans. Molecular Biology and Evolution, 2009, 26, 2157-2166.	8.9	30
42	Archaeogenomic distinctiveness of the Isthmo-Colombian area. Cell, 2021, 184, 1706-1723.e24.	28.9	30
43	Ancient genomes reveal early Andean farmers selected common beans while preserving diversity. Nature Plants, 2021, 7, 123-128.	9.3	29
44	Mitochondrial DNA from El Mirador Cave (Atapuerca, Spain) Reveals the Heterogeneity of Chalcolithic Populations. PLoS ONE, 2014, 9, e105105.	2.5	28
45	Possible Interbreeding in Late Italian Neanderthals? New Data from the Mezzena Jaw (Monti Lessini,) Tj ETQq1 1 0.784314 rgBT /Over	2.5	25
46	Genome diversity in the Neolithic Globular Amphorae culture and the spread of Indo-European languages. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171540.	2.6	24
47	The Neanderthal in the karst: First dating, morphometric, and paleogenetic data on the fossil skeleton from Altamura (Italy). Journal of Human Evolution, 2015, 82, 88-94.	2.6	23
48	The first evidence for Late Pleistocene dogs in Italy. Scientific Reports, 2020, 10, 13313.	3.3	21
49	Biomolecular study of the human remains from tomb 5859 in the Etruscan necropolis of Monterozzi, Tarquinia (Viterbo, Italy). Journal of Archaeological Science, 2004, 31, 603-612.	2.4	20
50	Did Neandertals and anatomically modern humans coexist in northern Italy during the late MIS 3?. Quaternary International, 2012, 259, 102-112.	1.5	17
51	Genetic evidence does not support an etruscan origin in Anatolia. American Journal of Physical Anthropology, 2013, 152, 11-18.	2.1	15
52	A genetic perspective on Longobard-Era migrations. European Journal of Human Genetics, 2019, 27, 647-656.	2.8	15
53	Etruscan Artifacts: Much Ado about Nothing. American Journal of Human Genetics, 2004, 75, 923-927.	6.2	14
54	Combined methodologies for gaining much information from ancient dental calculus: testing experimental strategies for simultaneously analysing DNA and food residues. Archaeological and Anthropological Sciences, 2020, 12, 1.	1.8	13

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55	Kinship Determination in Archeological Contexts Through DNA Analysis. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	13
56	The Biarzo case in northern Italy: is the temporal dynamic of swine mitochondrial DNA lineages in Europe related to domestication?. Scientific Reports, 2015, 5, 16514.	3.3	12
57	From unknown to known: Identification of the remains at the mausoleum of fosse Ardeatine. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 469-478.	2.1	12
58	Pet fur or fake fur? A forensic approach. Investigative Genetics, 2014, 5, 7.	3.3	11
59	Homo sapiens in the Americas. Overview of the earliest human expansion in the New World. Journal of Anthropological Sciences, 2014, 92, 79-97.	0.4	11
60	Ancestral mitochondrial N lineage from the Neolithic â€˜greenâ€™ Sahara. Scientific Reports, 2019, 9, 3530.	3.3	10
61	The selective advantage of cystic fibrosis heterozygotes tested by aDNA analysis: A preliminary investigation. International Journal of Anthropology, 2000, 15, 255-262.	0.1	9
62	Distinct among Neanderthals: The scapula of the skeleton from Altamura, Italy. Quaternary Science Reviews, 2019, 217, 76-88.	3.0	9
63	The mitogenome portrait of Umbria in Central Italy as depicted by contemporary inhabitants and pre-Roman remains. Scientific Reports, 2020, 10, 10700.	3.3	9
64	Evaluation of chronological changes in bone fractures and age-related bone loss: A test case from Poland. Journal of Archaeological Science, 2016, 72, 117-127.	2.4	8
65	Maternal DNA lineages at the gate of Europe in the 10th century AD. PLoS ONE, 2018, 13, e0193578.	2.5	8
66	The genetic ascertainment of multiple endocrine neoplasia type 1 syndrome by ancient DNA analysis. Journal of Endocrinological Investigation, 2008, 31, 905-909.	3.3	7
67	Evaluation of Diammonium hydrogen phosphate and Ca(OH)2 nanoparticles for consolidation of ancient bones. Journal of Cultural Heritage, 2020, 41, 1-12.	3.3	7
68	Mitochondrial DNA Suggests a Western Eurasian Origin for Ancient (Proto-) Bulgarians. Human Biology, 2015, 87, 19.	0.2	6
69	Ancient human mitochondrial genomes from Bronze Age Bulgaria: new insights into the genetic history of Thracians. Scientific Reports, 2019, 9, 5412.	3.3	6
70	Paleogenetic and morphometric analysis of a Mesolithic individual from Grotta dâ€™Oriente: An oldest genetic legacy for the first modern humans in Sicily. Quaternary Science Reviews, 2020, 248, 106603.	3.0	6
71	New Insights Into Mitochondrial DNA Reconstruction and Variant Detection in Ancient Samples. Frontiers in Genetics, 2021, 12, 619950.	2.3	6
72	Successful extraction of insect DNA from recent copal inclusions: limits and perspectives. Scientific Reports, 2021, 11, 6851.	3.3	6

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73	More data on ancient human mitogenome variability in Italy: new mitochondrial genome sequences from three Upper Palaeolithic burials. Annals of Human Biology, 2021, 48, 213-222.	1.0	6
74	The Mountain Meadows Massacre and â€œpoisoned springsâ€: scientific testing of the more recent, anthrax theory. International Journal of Legal Medicine, 2013, 127, 77-83.	2.2	4
75	DNA Sequencing in Cultural Heritage. Topics in Current Chemistry, 2016, 374, 8.	5.8	4
76	First Bronze Age Human Mitogenomes from Calabria (Grotta Della Monaca, Southern Italy). Genes, 2021, 12, 636.	2.4	4
77	Ancient DNA and forensics genetics: The case of Francesco Petrarca. Forensic Science International: Genetics Supplement Series, 2008, 1, 469-470.	0.3	3
78	The female ancestor's tale: Longâ€term matrilineal continuity in a nonisolated region of Tuscany. American Journal of Physical Anthropology, 2018, 167, 497-506.	2.1	3
79	How a Paleogenomic Approach Can Provide Details on Bioarchaeological Reconstruction: A Case Study from the Globular Amphorae Culture. Genes, 2021, 12, 910.	2.4	3
80	Performance of innovative nanomaterials for bone remains consolidation and effect on 14C dating and on palaeogenetic analysis. Scientific Reports, 2022, 12, 6975.	3.3	3
81	Diachronic and synchronic genetic analysis of ancient piedmont population. Journal of Biological Research (Italy), 2012, 85, .	0.1	2
82	The genetics of pre-Roman Iberian Peninsula: A mtDNA study of ancient Iberians. International Congress Series, 2006, 1288, 142-144.	0.2	1
83	Molecular Views of Human Origins. Human Evolution, 2006, 21, 19-31.	2.0	1
84	Microcomputed tomography and genetic analysis of a rare case of Caffey's disease in a 5â€“7â€monthâ€old girl. International Journal of Osteoarchaeology, 2019, 29, 854-859.	1.2	1
85	Reconstruction of the human peopling of Europe: a genetic insight. Annals of Human Biology, 2021, 48, 175-178.	1.0	1
86	Whole-exome sequencing of the mummified remains of Cangrande della Scala (1291â€“1329 CE) indicates the first known case of late-onset Pompe disease. Scientific Reports, 2021, 11, 21070.	3.3	1
87	A multidisciplinary study of calcaneal trauma in Roman Italy: a possible case of crucifixion?. Archaeological and Anthropological Sciences, 2019, 11, 1783-1791.	1.8	0
88	Ancient and Archaic Genomes. Genes, 2021, 12, 1411.	2.4	0