

David Caramelli

List of Publications by Year in descending order

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Version: 2024-02-01

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	Performance of innovative nanomaterials for bone remains consolidation and effect on 14C dating and on palaeogenetic analysis. <i>Scientific Reports</i> , 2022, 12, 6975.	3.3	3
2	Ancient genomes reveal early Andean farmers selected common beans while preserving diversity. <i>Nature Plants</i> , 2021, 7, 123-128.	9.3	29
3	New Insights Into Mitochondrial DNA Reconstruction and Variant Detection in Ancient Samples. <i>Frontiers in Genetics</i> , 2021, 12, 619950.	2.3	6
4	Successful extraction of insect DNA from recent copal inclusions: limits and perspectives. <i>Scientific Reports</i> , 2021, 11, 6851.	3.3	6
5	Archaeogenomic distinctiveness of the Isthmo-Colombian area. <i>Cell</i> , 2021, 184, 1706-1723.e24.	28.9	30
6	Reconstruction of the human peopling of Europe: a genetic insight. <i>Annals of Human Biology</i> , 2021, 48, 175-178.	1.0	1
7	First Bronze Age Human Mitogenomes from Calabria (Grotta Della Monaca, Southern Italy). <i>Genes</i> , 2021, 12, 636.	2.4	4
8	More data on ancient human mitogenome variability in Italy: new mitochondrial genome sequences from three Upper Palaeolithic burials. <i>Annals of Human Biology</i> , 2021, 48, 213-222.	1.0	6
9	How a Paleogenomic Approach Can Provide Details on Bioarchaeological Reconstruction: A Case Study from the Globular Amphorae Culture. <i>Genes</i> , 2021, 12, 910.	2.4	3
10	The origin and legacy of the Etruscans through a 2000-year archeogenomic time transect. <i>Science Advances</i> , 2021, 7, eabi7673.	10.3	44
11	Ancient and Archaic Genomes. <i>Genes</i> , 2021, 12, 1411.	2.4	0
12	Whole-exome sequencing of the mummified remains of Cangrande della Scala (1291â€“1329 CE) indicates the first known case of late-onset Pompe disease. <i>Scientific Reports</i> , 2021, 11, 21070.	3.3	1
13	Evaluation of Diammonium hydrogen phosphate and Ca(OH) ₂ nanoparticles for consolidation of ancient bones. <i>Journal of Cultural Heritage</i> , 2020, 41, 1-12.	3.3	7
14	Combined methodologies for gaining much information from ancient dental calculus: testing experimental strategies for simultaneously analysing DNA and food residues. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	13
15	The first evidence for Late Pleistocene dogs in Italy. <i>Scientific Reports</i> , 2020, 10, 13313.	3.3	21
16	Paleogenetic and morphometric analysis of a Mesolithic individual from Grotta dâ€™Oriente: An oldest genetic legacy for the first modern humans in Sicily. <i>Quaternary Science Reviews</i> , 2020, 248, 106603.	3.0	6
17	The mitogenome portrait of Umbria in Central Italy as depicted by contemporary inhabitants and pre-Roman remains. <i>Scientific Reports</i> , 2020, 10, 10700.	3.3	9
18	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

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19	Emergence of human-adapted <i>Salmonella enterica</i> is linked to the Neolithization process. <i>Nature Ecology and Evolution</i> , 2020, 4, 324-333.	7.8	72
20	Kinship Determination in Archeological Contexts Through DNA Analysis. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	13
21	Microcomputed tomography and genetic analysis of a rare case of Caffey's disease in a 5-year-old girl. <i>International Journal of Osteoarchaeology</i> , 2019, 29, 854-859.	1.2	1
22	Ancestral mitochondrial N lineage from the Neolithic "green" Sahara. <i>Scientific Reports</i> , 2019, 9, 3530.	3.3	10
23	Ancient human mitochondrial genomes from Bronze Age Bulgaria: new insights into the genetic history of Thracians. <i>Scientific Reports</i> , 2019, 9, 5412.	3.3	6
24	A genetic perspective on Longobard-Era migrations. <i>European Journal of Human Genetics</i> , 2019, 27, 647-656.	2.8	15
25	Distinct among Neanderthals: The scapula of the skeleton from Altamura, Italy. <i>Quaternary Science Reviews</i> , 2019, 217, 76-88.	3.0	9
26	A multidisciplinary study of calcaneal trauma in Roman Italy: a possible case of crucifixion?. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 1783-1791.	1.8	0
27	The Beaker phenomenon and the genomic transformation of northwest Europe. <i>Nature</i> , 2018, 555, 190-196.	27.8	503
28	The genomic history of southeastern Europe. <i>Nature</i> , 2018, 555, 197-203.	27.8	479
29	Neither femur nor tooth: Petrous bone for identifying archaeological bone samples via forensic approach. <i>Forensic Science International</i> , 2018, 283, 144-149.	2.2	38
30	The female ancestor's tale: Long-term matrilineal continuity in a nonisolated region of Tuscany. <i>American Journal of Physical Anthropology</i> , 2018, 167, 497-506.	2.1	3
31	Understanding 6th-century barbarian social organization and migration through paleogenomics. <i>Nature Communications</i> , 2018, 9, 3547.	12.8	111
32	From unknown to known: Identification of the remains at the mausoleum of fosse Ardeatine. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018, 58, 469-478.	2.1	12
33	Maternal DNA lineages at the gate of Europe in the 10th century AD. <i>PLoS ONE</i> , 2018, 13, e0193578.	2.5	8
34	Neanderthal behaviour, diet, and disease inferred from ancient DNA in dental calculus. <i>Nature</i> , 2017, 544, 357-361.	27.8	398
35	Complete mitochondrial sequences from Mesolithic Sardinia. <i>Scientific Reports</i> , 2017, 7, 42869.	3.3	35
36	Genome diversity in the Neolithic Globular Amphorae culture and the spread of Indo-European languages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171540.	2.6	24

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37	The genetic history of Ice Age Europe. <i>Nature</i> , 2016, 534, 200-205.	27.8	729
38	Evaluation of chronological changes in bone fractures and age-related bone loss: A test case from Poland. <i>Journal of Archaeological Science</i> , 2016, 72, 117-127.	2.4	8
39	DNA Sequencing in Cultural Heritage. <i>Topics in Current Chemistry</i> , 2016, 374, 8.	5.8	4
40	Pleistocene Mitochondrial Genomes Suggest a Single Major Dispersal of Non-Africans and a Late Glacial Population Turnover in Europe. <i>Current Biology</i> , 2016, 26, 827-833.	3.9	277
41	Mitochondrial DNA Suggests a Western Eurasian Origin for Ancient (Proto-) Bulgarians. <i>Human Biology</i> , 2015, 87, 19.	0.2	6
42	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.	3.3	12
43	The Neanderthal in the karst: First dating, morphometric, and paleogenetic data on the fossil skeleton from Altamura (Italy). <i>Journal of Human Evolution</i> , 2015, 82, 88-94.	2.6	23
44	Genealogical Relationships between Early Medieval and Modern Inhabitants of Piedmont. <i>PLoS ONE</i> , 2015, 10, e0116801.	2.5	58
45	Mitochondrial DNA from El Mirador Cave (Atapuerca, Spain) Reveals the Heterogeneity of Chalcolithic Populations. <i>PLoS ONE</i> , 2014, 9, e105105.	2.5	28
46	Pet fur or fake fur? A forensic approach. <i>Investigative Genetics</i> , 2014, 5, 7.	3.3	11
47	Homo sapiens in the Americas. Overview of the earliest human expansion in the New World. <i>Journal of Anthropological Sciences</i> , 2014, 92, 79-97.	0.4	11
48	Genetic evidence does not support an etruscan origin in Anatolia. <i>American Journal of Physical Anthropology</i> , 2013, 152, 11-18.	2.1	15
49	The Mountain Meadows Massacre and "poisoned springs" scientific testing of the more recent, anthrax theory. <i>International Journal of Legal Medicine</i> , 2013, 127, 77-83.	2.2	4
50	A Revised Timescale for Human Evolution Based on Ancient Mitochondrial Genomes. <i>Current Biology</i> , 2013, 23, 553-559.	3.9	540
51	Monitoring DNA Contamination in Handled vs. Directly Excavated Ancient Human Skeletal Remains. <i>PLoS ONE</i> , 2013, 8, e52524.	2.5	58
52	Possible Interbreeding in Late Italian Neanderthals? New Data from the Mezzena Jaw (Monti Lessini). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.5	25
53	Origins and Evolution of the Etruscans'™ mtDNA. <i>PLoS ONE</i> , 2013, 8, e55519.	2.5	40
54	Specific inactivation of two immunomodulatory <i>SIGLEC</i> genes during human evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9935-9940.	7.1	64

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55	Did Neandertals and anatomically modern humans coexist in northern Italy during the late MIS 3?. <i>Quaternary International</i> , 2012, 259, 102-112.	1.5	17
56	Ancient DNA studies: new perspectives on old samples. <i>Genetics Selection Evolution</i> , 2012, 44, 21.	3.0	150
57	Origin and Diet of the Prehistoric Hunter-Gatherers on the Mediterranean Island of Favignana (Aegadi) Tj ETQq1 1 0,784314 rgBT /Ove	2.5	70
58	Diachronic and synchronic genetic analysis of ancient piedmont population. <i>Journal of Biological Research (Italy)</i> , 2012, 85, .	0.1	2
59	The Complete Mitochondrial Genome of an 11,450-year-old Aurochs (Bos primigenius) from Central Italy. <i>BMC Evolutionary Biology</i> , 2011, 11, 32.	3.2	39
60	Population dynamic of the extinct European aurochs: genetic evidence of a north-south differentiation pattern and no evidence of post-glacial expansion. <i>BMC Evolutionary Biology</i> , 2010, 10, 83.	3.2	51
61	The Microcephalin Ancestral Allele in a Neanderthal Individual. <i>PLoS ONE</i> , 2010, 5, e10648.	2.5	31
62	Inferring Genealogical Processes from Patterns of Bronze-Age and Modern DNA Variation in Sardinia. <i>Molecular Biology and Evolution</i> , 2010, 27, 875-886.	8.9	40
63	Genealogical Discontinuities among Etruscan, Medieval, and Contemporary Tuscans. <i>Molecular Biology and Evolution</i> , 2009, 26, 2157-2166.	8.9	30
64	Ancient DNA and forensics genetics: The case of Francesco Petrarca. <i>Forensic Science International: Genetics Supplement Series</i> , 2008, 1, 469-470.	0.3	3
65	The genetic ascertainment of multiple endocrine neoplasia type 1 syndrome by ancient DNA analysis. <i>Journal of Endocrinological Investigation</i> , 2008, 31, 905-909.	3.3	7
66	A 28,000 Years Old Cro-Magnon mtDNA Sequence Differs from All Potentially Contaminating Modern Sequences. <i>PLoS ONE</i> , 2008, 3, e2700.	2.5	37
67	Palaeogenetic evidence supports a dual model of Neolithic spreading into Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 2161-2167.	2.6	93
68	Genetic analysis of the skeletal remains attributed to Francesco Petrarca. <i>Forensic Science International</i> , 2007, 173, 36-40.	2.2	33
69	Unexpected presence of <i>Fagus orientalis</i> complex in Italy as inferred from 45,000-year-old DNA pollen samples from Venice lagoon. <i>BMC Evolutionary Biology</i> , 2007, 7, S6.	3.2	36
70	A Melanocortin 1 Receptor Allele Suggests Varying Pigmentation Among Neanderthals. <i>Science</i> , 2007, 318, 1453-1455.	12.6	264
71	Genetic variation in prehistoric Sardinia. <i>Human Genetics</i> , 2007, 122, 327-336.	3.8	34
72	The genetics of pre-Roman Iberian Peninsula: A mtDNA study of ancient Iberians. <i>International Congress Series</i> , 2006, 1288, 142-144.	0.2	1

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73	Molecular Views of Human Origins. <i>Human Evolution</i> , 2006, 21, 19-31.	2.0	1
74	The Origins of Domesticated Cattle. <i>Human Evolution</i> , 2006, 21, 107-122.	2.0	31
75	A highly divergent mtDNA sequence in a Neandertal individual from Italy. <i>Current Biology</i> , 2006, 16, R630-R632.	3.9	80
76	Mitochondrial DNA of an Iberian Neandertal suggests a population affinity with other European Neandertals. <i>Current Biology</i> , 2006, 16, R629-R630.	3.9	68
77	The origin of European cattle: Evidence from modern and ancient DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8113-8118.	7.1	271
78	Tracking down Human Contamination in Ancient Human Teeth. <i>Molecular Biology and Evolution</i> , 2006, 23, 1801-1807.	8.9	105
79	The Genetics of the Pre-Roman Iberian Peninsula: A mtDNA Study of Ancient Iberians. <i>Annals of Human Genetics</i> , 2005, 69, 535-548.	0.8	56
80	Neandertal Evolutionary Genetics: Mitochondrial DNA Data from the Iberian Peninsula. <i>Molecular Biology and Evolution</i> , 2005, 22, 1077-1081.	8.9	139
81	Biomolecular study of the human remains from tomb 5859 in the Etruscan necropolis of Monterozzi, Tarquinia (Viterbo, Italy). <i>Journal of Archaeological Science</i> , 2004, 31, 603-612.	2.4	20
82	The Etruscans: A Population-Genetic Study. <i>American Journal of Human Genetics</i> , 2004, 74, 694-704.	6.2	72
83	Etruscan Artifacts: Much Ado about Nothing. <i>American Journal of Human Genetics</i> , 2004, 75, 923-927.	6.2	14
84	The genetic impact of demographic decline and reintroduction in the wild boar (<i>Sus scrofa</i>): A microsatellite analysis. <i>Molecular Ecology</i> , 2003, 12, 585-595.	3.9	118
85	Evidence for a genetic discontinuity between Neandertals and 24,000-year-old anatomically modern Europeans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6593-6597.	7.1	324
86	The genetic structure of natural and reintroduced roe deer (<i>Capreolus capreolus</i>) populations in the Alps and central Italy, with reference to the mitochondrial DNA phylogeography of Europe. <i>Molecular Ecology</i> , 2002, 11, 1285-1297.	3.9	73
87	Genetic characterization of the body attributed to the evangelist Luke. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 13460-13463.	7.1	47
88	The selective advantage of cystic fibrosis heterozygotes tested by aDNA analysis: A preliminary investigation. <i>International Journal of Anthropology</i> , 2000, 15, 255-262.	0.1	9