Mark Collard

List of Publications by Year
in descending order

125 papers	5,930 citations	76322 40 h-index	85537 71 g-index
129 all docs	129 docs citations	129 times ranked	3999 citing authors

#	Article	IF	Citations
1	Does the Locally-Adaptive Model of Archaeological Potential (LAMAP) work for hunter-gatherer sites? A test using data from the Tanana Valley, Alaska. PLoS ONE, 2022, 17, e0265597.	2.5	1
2	The composition of the founding population of Iceland: A new perspective from 3D analyses of basicranial shape. PLoS ONE, 2021, 16, e0246059.	2.5	7
3	A reassessment of the impact of temperature change on European conflict during the second millennium CE using a bespoke Bayesian time-series model. Climatic Change, 2021, 165, 1.	3.6	5
4	Isotopic analyses of prehistoric human remains from the Flinders Group, Queensland, Australia, support an association between burial practices and status. Archaeological and Anthropological Sciences, 2021, 13, 1.	1.8	3
5	A 3D basicranial shape-based assessment of local and continental northwest European ancestry among 5th to 9th century CE Anglo-Saxons. PLoS ONE, 2021, 16, e0252477.	2.5	2
6	Hidden in plain sight: the archaeological landscape of Mithaka Country, south-west Queensland. Antiquity, 2021, 95, 1043-1060.	1.0	11
7	Rainfall, temperature, and Classic Maya conflict: A comparison of hypotheses using Bayesian time-series analysis. PLoS ONE, 2021, 16, e0253043.	2.5	6
8	A contextualised review of genomic evidence for gene flow events between Papuans and Indigenous Australians in Cape York, Queensland. Quaternary International, 2021, 603, 22-30.	1.5	6
9	A Song of Neither Ice nor Fire: Temperature Extremes had No Impact on Violent Conflict Among European Societies During the 2nd Millennium CE. Frontiers in Earth Science, 2021, 9, .	1.8	1
10	Recent Major Themes and Research Areas in the Study of Human-Environment Interaction in Prehistory. Environmental Archaeology, 2020, 25, 114-130.	1.2	20
11	Geometric Morphometric Analyses Support Incorporating the Goshen Point Type into Plainview. American Antiquity, 2020, 85, 171-181.	1.1	7
12	Breastfeeding Duration and the Social Learning of Infant Feeding Knowledge in Two Maya Communities. Human Nature, 2020, 31, 43-67.	1.6	6
13	A Community Bioarchaeology Project in the Flinders Group, Queensland, Australia. Archaeologies, 2020, 16, 436-459.	0.5	1
14	Population genomics of the Viking world. Nature, 2020, 585, 390-396.	27.8	143
15	A Cross-cultural Survey of On-site Fire Use by Recent Hunter-gatherers: Implications for Research on Palaeolithic Pyrotechnology. Journal of Paleolithic Archaeology, 2020, 3, 566-584.	1.7	13
16	Spondylolysis and spinal adaptations for bipedalism. Evolution, Medicine and Public Health, 2020, 2020, 35-44.	2.5	8
17	Potential adaptations for bipedalism in the thoracic and lumbar vertebrae of Homo sapiens: A 3D comparative analysis. Journal of Human Evolution, 2019, 137, 102693.	2.6	3
18	Agent-based model experiments cast doubt on Dunnellâ€™s adaptive waste explanation for cultural elaboration. Science and Technology of Archaeological Research, 2019, 5, 1-17.	2.4	0

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19	Back Cover Image. Geoarchaeology - an International Journal, 2019, 34, ii.	1.5	0
20	A strontium isoscape of northâ€east Australia for human provenance and repatriation. Geoarchaeology - an International Journal, 2019, 34, 231-251.	1.5	28
21	A palaeontological perspective on the proposal to reintroduce Tasmanian devils to mainland Australia to suppress invasive predators. Biological Conservation, 2019, 232, 187-193.	4.1	6
22	3D shape analyses of extant primate and fossil hominin vertebrae support the ancestral shape hypothesis for intervertebral disc herniation. BMC Evolutionary Biology, 2019, 19, 226.	3.2	8
23	Giving it a burl: towards the integration of genetics, isotope chemistry, and osteoarchaeology in Cape York, Tropical North Queensland, Australia. World Archaeology, 2019, 51, 602-619.	1.1	20
24	Religious belief and cooperation: a view from Viking-Age Scandinavia. Religion, Brain and Behavior, 2019, 9, 2-22.	0.7	10
25	A Cross-cultural Perspective on Upper Palaeolithic Hand Images with Missing Phalanges. Journal of Paleolithic Archaeology, 2018, 1, 314-333.	1.7	7
26	Chronological uncertainty severely complicates the identification of cyclical processes in radiocarbon-dated time-series. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 506, 22-29.	2.3	1
27	Radiocarbon dating uncertainty and the reliability of the PEWMA method of time-series analysis for research on long-term human-environment interaction. PLoS ONE, 2018, 13, e0191055.	2.5	8
28	The ex-pat effect: presence of recent Western immigrants is associated with changes in age at first birth and birth rate in a Maya population from rural Guatemala. Annals of Human Biology, 2017, 44, 441-453.	1.0	4
29	Increasing temperature exacerbated Classic Maya conflict over the long term. Quaternary Science Reviews, 2017, 163, 209-218.	3.0	14
30	Adaptive organizational resilience: an evolutionary perspective. Current Opinion in Environmental Sustainability, 2017, 28, 33-40.	6.3	71
31	Male-biased operational sex ratios and the Viking phenomenon: an evolutionary anthropological perspective on Late Iron Age Scandinavian raiding. Evolution and Human Behavior, 2017, 38, 315-324.	2.2	25
32	Energyâ€related influences on variation in breastfeeding duration among indigenous Maya women from Guatemala. American Journal of Physical Anthropology, 2017, 162, 616-626.	2.1	30
33	Polygyny, Concubinage, and the Social Lives of Women in Viking-Age Scandinavia. Viking and Medieval Scandinavia, 2017, 13, 165-209.	0.1	11
34	Thermoregulation in Homo erectus and the Neanderthals: A Reassessment Using a Segmented Model. Vertebrate Paleobiology and Paleoanthropology, 2017, , 161-174.	0.5	24
35	Population size does not explain past changes in cultural complexity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2241-7.	7.1	121
36	Food Aversions and Cravings during Pregnancy on Yasawa Island, Fiji. Human Nature, 2016, 27, 296-315.	1.6	16

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37	Faunal evidence for a difference in clothing use between Neanderthals and early modern humans in Europe. Journal of Anthropological Archaeology, 2016, 44, 235-246.	1.6	56
38	The acheulean handaxe: More like a bird's song than a beatles' tune?. Evolutionary Anthropology, 2016, 25, 6-19.	3.4	82
39	Reply to Henrich et al.: The Tasmanian effect and other red herrings. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6726-E6727.	7.1	19
40	The empirical case against the â€˜demographic turnâ€™ in Palaeolithic archaeology. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150242.	4.0	73
41	The evolutionary relationships and age of Homo naledi: An assessment using dated Bayesian phylogenetic methods. Journal of Human Evolution, 2016, 97, 17-26.	2.6	107
42	Drivers of technological richness in prehistoric Texas: an archaeological test of the population size and environmental risk hypotheses. Archaeological and Anthropological Sciences, 2016, 8, 625-634.	1.8	32
43	Ingroup identification, identity fusion and the formation of Viking war bands. World Archaeology, 2016, 48, 35-50.	1.1	44
44	Estimating body mass from postcranial variables: an evaluation of current equations using a large known-mass sample of modern humans. Archaeological and Anthropological Sciences, 2016, 8, 689-704.	1.8	27
45	Estimating body mass from skeletal material: new predictive equations and methodological insights from analyses of a known-mass sample of humans. Archaeological and Anthropological Sciences, 2016, 8, 731-750.	1.8	24
46	A Review of Late Pleistocene North American Bone and Ivory Tools. Vertebrate Paleobiology and Paleoanthropology, 2016, , 221-235.	0.5	8
47	Transmission of Cultural Variants in the North American Paleolithic. , 2015, , 121-143.		14
48	Mandibular evidence supports Homo floresiensis as a distinct species. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E604-5.	7.1	5
49	Bayesian analysis of a morphological supermatrix sheds light on controversial fossil hominin relationships. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150943.	2.6	107
50	The ancestral shape hypothesis: an evolutionary explanation for the occurrence of intervertebral disc herniation in humans. BMC Evolutionary Biology, 2015, 15, 68.	3.2	25
51	The expression and adaptive significance of pregnancy-related nausea, vomiting, and aversions on Yasawa Island, Fiji. Evolution and Human Behavior, 2015, 36, 95-102.	2.2	12
52	Defining the Genus Homo. , 2015, , 2107-2144.		11
53	The Nature of Culture: an eight-grade model for the evolution and expansion of cultural capacities in hominins and other animals. Journal of Anthropological Sciences, 2015, 93, 43-70.	0.4	51
54	Basal metabolic rate and maternal energetic investment durations in mammals. BMC Evolutionary Biology, 2014, 14, 194.	3.2	9

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55	Solutreanism. Antiquity, 2014, 88, 622-624.	1.0	8
56	On thin ice: problems with Stanford and Bradley's proposed Solutrean colonisation of North America. Antiquity, 2014, 88, 606-613.	1.0	36
57	Continent-wide or region-specific? A geometric morphometrics-based assessment of variation in Clovis point shape. Archaeological and Anthropological Sciences, 2014, 6, 145-162.	1.8	107
58	Estimating fossil hominin body mass from cranial variables: An assessment using CT data from modern humans of known body mass. American Journal of Physical Anthropology, 2014, 154, 201-214.	2.1	14
59	A reassessment of the impact of drought cycles on the Classic Maya. Quaternary Science Reviews, 2014, 105, 151-161.	3.0	12
60	Innovation and cultural transmission in the American Paleolithic: Phylogenetic analysis of eastern Paleoindian projectile-point classes. Journal of Anthropological Archaeology, 2014, 34, 100-119.	1.6	98
61	Classic Maya Bloodletting and the Cultural Evolution of Religious Rituals: Quantifying Patterns of Variation in Hieroglyphic Texts. PLoS ONE, 2014, 9, e107982.	2.5	23
62	Human refugia in Australia during the Last Glacial Maximum and Terminal Pleistocene: a geospatial analysis of the 25â€“12Âka Australian archaeological record. Journal of Archaeological Science, 2013, 40, 4612-4625.	2.4	91
63	Population Size as an Explanation for Patterns in the Paleolithic Archaeological Record. Current Anthropology, 2013, 54, S388-S396.	1.6	85
64	Risk, mobility or population size? Drivers of technological richness among contact-period western North American hunterâ€“gatherers. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120412.	4.0	64
65	Corporate kin-groups, social memory, and â€œhistory housesâ€? A quantitative test of recent reconstructions of social organization and building function at Ã‡atalhÃ¶yÃ¼k during the PPNB. Journal of Archaeological Science, 2013, 40, 1816-1822.	2.4	12
66	Trees, thickets, or something in between? Recent theoretical and empirical work in cultural phylogeny. Israel Journal of Ecology and Evolution, 2013, 59, 45-61.	0.6	15
67	Population Size and Cultural Evolution in Nonindustrial Food-Producing Societies. PLoS ONE, 2013, 8, e72628.	2.5	80
68	A Reassessment of Bergmann's Rule in Modern Humans. PLoS ONE, 2013, 8, e72269.	2.5	76
69	Defining the Genus Homo. , 2013, , 1-31.		3
70	Evidence that gestation duration and lactation duration are coupled traits in primates. Biology Letters, 2012, 8, 998-1001.	2.3	13
71	Cultural Cladistics and the Early Prehistory of North America. , 2012, , 23-42.		16
72	An Assessment of the Impact of Hafting on Paleoindian Point Variability. PLoS ONE, 2012, 7, e36364.	2.5	23

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73	A Morphometric Assessment of the Intended Function of Cached Clovis Points. PLoS ONE, 2012, 7, e30530.	2.5	35
74	Risk of Resource Failure and Toolkit Variation in Small-Scale Farmers and Herders. PLoS ONE, 2012, 7, e40975.	2.5	13
75	Points and prey: a quantitative test of the hypothesis that prey size influences early Paleoindian projectile point form. Journal of Archaeological Science, 2011, 38, 852-864.	2.4	69
76	A comment on Steeleâ€™s (2010) â€œradiocarbon dates as data: quantitative strategies for estimating colonization front speeds and event densitiesâ€• Journal of Archaeological Science, 2011, 38, 2116-2122.	2.4	28
77	Niche Construction and the Toolkits of Hunterâ€“Gatherers and Food Producers. Biological Theory, 2011, 6, 251-259.	1.5	40
78	Testing for Divergent Transmission Histories among Cultural Characters: A Study Using Bayesian Phylogenetic Methods and Iranian Tribal Textile Data. PLoS ONE, 2011, 6, e14810.	2.5	39
79	Estimating Surface Area in Early Hominins. PLoS ONE, 2011, 6, e16107.	2.5	2
80	What drives the evolution of hunterâ€“gatherer subsistence technology? A reanalysis of the risk hypothesis with data from the Pacific Northwest. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 1129-1138.	4.0	55
81	Correlations between genetic and behavioural dissimilarities in wild chimpanzees (<i>Pan) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Biological Sciences, 2011, 278, 2091-2093.	2.6	22
82	Are behavioral differences among wild chimpanzee communities genetic or cultural? An assessment using toolâ€use data and phylogenetic methods. American Journal of Physical Anthropology, 2010, 142, 461-467.	2.1	36
83	The cophylogeny of populations and cultures: reconstructing the evolution of Iranian tribal craft traditions using trees and jungles. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 3865-3874.	4.0	54
84	A geometric morphometrics-based assessment of blade shape differences among Paleoindian projectile point types from western North America. Journal of Archaeological Science, 2010, 37, 350-359.	2.4	104
85	Radiocarbon evidence indicates that migrants introduced farming to Britain. Journal of Archaeological Science, 2010, 37, 866-870.	2.4	199
86	Spatiotemporal dynamics of the Clovisâ€“Folsom transition. Journal of Archaeological Science, 2010, 37, 2513-2519.	2.4	68
87	An Assessment of the Impact of Resharpening on Paleoindian Projectile Point Blade Shape Using Geometric Morphometric Techniques. , 2010, , 255-273.		17
88	Cladistic analyses of behavioural variation in wild Pan troglodytes: exploring the chimpanzee culture hypothesis. Journal of Human Evolution, 2009, 57, 337-349.	2.6	52
89	On the relationship between interindividual cultural transmission and population-level cultural diversity: a case study of weaving in Iranian tribal populations. Evolution and Human Behavior, 2009, 30, 286-300.e2.	2.2	124
90	F <scp>ordisc</scp> and the determination of ancestry from cranial measurements. Biology Letters, 2009, 5, 849-852.	2.3	42

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91	Paleoindian demography and the extraterrestrial impact hypothesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11651-11654.	7.1	103
92	The spread of Neolithic plant economies from the Near East to northwest Europe: a phylogenetic analysis. Journal of Archaeological Science, 2008, 35, 42-56.	2.4	113
93	Phenetics, cladistics, and the search for the Alaskan ancestors of the Paleoindians: a reassessment of relationships among the Clovis, Nenana, and Denali archaeological complexes. Journal of Archaeological Science, 2008, 35, 1683-1694.	2.4	58
94	Reply to Anderson et al. , Jones, Kennett and West, Culleton, and Kennett et al. : Further evidence against the extraterrestrial impact hypothesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, .	7.1	8
95	Does Phenotypic Plasticity Confound Attempts to Identify Hominin Fossil Species?. Folia Primatologica, 2008, 79, 111-122.	0.7	13
96	Body Segment Differences in Surface Area, Skin Temperature and 3D Displacement and the Estimation of Heat Balance during Locomotion in Hominins. PLoS ONE, 2008, 3, e2464.	2.5	40
97	Phylogenetic analyses of behavior support existence of culture among wild chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17588-17592.	7.1	95
98	Investigating the peopling of North America through cladistic analyses of Early Paleoindian projectile points. Journal of Anthropological Archaeology, 2007, 26, 366-393.	1.6	118
99	Hominin homoiology: An assessment of the impact of phenotypic plasticity on phylogenetic analyses of humans and their fossil relativesâ˜†. Journal of Human Evolution, 2007, 52, 573-584.	2.6	56
100	8 Defining the Genus Homo. , 2007, , 1575-1610.		16
101	Branching, blending, and the evolution of cultural similarities and differences among human populations. Evolution and Human Behavior, 2006, 27, 169-184.	2.2	152
102	Ironworking in the Bronze Age? Evidence from a 10th Century<scp>BC</scp>Settlement at Hartshill Copse, Upper Bucklebury, West Berkshire. Proceedings of the Prehistoric Society, London, 2006, 72, 367-421.	0.7	15
103	Cultural Historical Context of Qwu?gwes (Puget Sound, USA): a Preliminary Investigation. Journal of Wetland Archaeology, 2005, 5, 141-154.	1.2	9
104	Do homoiologies impede phylogenetic analyses of the fossil hominids? An assessment based on extant papionin craniodental morphology. Journal of Human Evolution, 2005, 49, 618-642.	2.6	39
105	Impact of Methodological Choices on Assessments of the Reliability of Fossil Primate Phylogenetic Hypotheses. Folia Primatologica, 2005, 76, 207-221.	0.7	15
106	On the reliability of recent tests of the Out of Africa hypothesis for modern human origins. , 2004, 279A, 701-707.		50
107	Grades and Transitions in Human Evolution. , 2004, , .		4
108	Style, Function, Transmission: Evolutionary Archaeological Perspectives. Michael J. O'Brien , R. Lee Lyman. Journal of Anthropological Research, 2004, 60, 600-602.	0.1	0

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109	Investigating cultural evolution through biological phylogenetic analyses of Turkmen textiles. Journal of Anthropological Archaeology, 2002, 21, 443-463.	1.6	168
110	Sexual dimorphism and facial growth in papionin monkeys. Journal of Zoology, 2002, 257, 255-272.	1.7	79
111	Soft-tissue anatomy of the extant hominoids: a review and phylogenetic analysis. Journal of Anatomy, 2002, 200, 3-49.	1.5	86
112	Why such long faces? A response to Eugene E. Harris. Evolution & Development, 2002, 4, 169-169.	2.0	3
113	A fossil stapes from Sterkfontein, South Africa, and the hearing capabilities of early hominids. Journal of Human Evolution, 2002, 42, 259-265.	2.6	29
114	Pairwise difference analysis in modern human origins research. Journal of Human Evolution, 2002, 43, 323-352.	2.6	9
115	How reliable are current estimates of fossil catarrhine phylogeny? An assessment using extant great apes and Old World monkeys. , 2001, , 118-150.		10
116	Ontogeny and homoplasy in the papionin monkey face. Evolution & Development, 2001, 3, 322-331.	2.0	107
117	Homoplasy and the early hominid masticatory system: inferences from analyses of extant hominoids and papionins. Journal of Human Evolution, 2001, 41, 167-194.	2.6	69
118	Our newest oldest ancestor?. Nature, 2001, 410, 526-527.	27.8	22
119	From forelimbs to two legs. Nature, 2000, 404, 339-340.	27.8	12
120	How reliable are human phylogenetic hypotheses?. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 5003-5006.	7.1	214
121	Soft-tissue characters in higher primate phylogenetics. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11130-11132.	7.1	83
122	The changing face of genusHomo. Evolutionary Anthropology, 1999, 8, 195-207.	3.4	94
123	The Human Genus. Science, 1999, 284, 65-71.	12.6	809
124	The catastrophic final flooding of Doggerland by the Storegga Slide tsunami. Documenta Praehistorica, 0, 35, 1-24.	1.0	78
125	Acquired Spinal Conditions in Evolutionary Perspective: Updating a Classic Hypothesis. Biological Theory, 0, , .	1.5	0