

# Camilla F Speller

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,343  
citations

186209

28  
h-index

161767

54  
g-index

83  
all docs

83  
docs citations

83  
times ranked

3599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dental calculus in the industrial age: Human dental calculus in the Post-Medieval period, a case study from industrial Manchester. <i>Quaternary International</i> , 2023, 653-654, 114-126.	0.7	10
2	Medieval Whalers in the Netherlands and Flanders: Zooarchaeological Analysis of Medieval Cetacean Remains. <i>Environmental Archaeology</i> , 2022, 27, 243-257.	0.6	5
3	Isotope analysis of human dental calculus $\delta^{13}\text{C}_{\text{CO}_3}$ : Investigating a potential new proxy for sugar consumption. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9286.	0.7	1
4	What's in a whale bone? Combining new analytical methods, ecology and history to shed light on ancient human-whale interactions. <i>Quaternary Science Reviews</i> , 2022, 284, 107470.	1.4	5
5	Palaeogenomic analysis of black rat ( <i>Rattus rattus</i> ) reveals multiple European introductions associated with human economic history. <i>Nature Communications</i> , 2022, 13, 2399.	5.8	12
6	Assessing the degradation of ancient milk proteins through site-specific deamidation patterns. <i>Scientific Reports</i> , 2021, 11, 7795.	1.6	22
7	DNA-based species identification of ancient salmonid remains provides new insight into pre-contact Coast Salish salmon fisheries in Burrard Inlet, British Columbia, Canada. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102956.	0.2	3
8	Palaeoproteomic analyses of dog palaeofaeces reveal a preserved dietary and host digestive proteome. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210020.	1.2	7
9	Testing for Mississippian Period Turkey Management in the Archaeological Record of the Southeastern United States. <i>American Antiquity</i> , 2021, 86, 794-814.	0.6	3
10	Indigenous sex-selective salmon harvesting demonstrates pre-contact marine resource management in Burrard Inlet, British Columbia, Canada. <i>Scientific Reports</i> , 2021, 11, 21160.	1.6	6
11	Middle Neolithic pits and a burial at West Amesbury, Wiltshire. <i>Archaeological Journal</i> , 2020, 177, 167-213.	0.4	6
12	Retroviral analysis reveals the ancient origin of Kihnu native sheep in Estonia: implications for breed conservation. <i>Scientific Reports</i> , 2020, 10, 17340.	1.6	3
13	Living off the land: Terrestrial-based diet and dairying in the farming communities of the Neolithic Balkans. <i>PLoS ONE</i> , 2020, 15, e0237608.	1.1	21
14	Predicting habitat use by the Argentine hake <i>Merluccius hubbsi</i> in a warmer world: inferences from the Middle Holocene. <i>Oecologia</i> , 2020, 193, 461-474.	0.9	7
15	What's the catch? Archaeological application of rapid collagen-based species identification for Pacific Salmon. <i>Journal of Archaeological Science</i> , 2020, 116, 105116.	1.2	19
16	DeamiDATE 1.0: Site-specific deamidation as a tool to assess authenticity of members of ancient proteomes. <i>Journal of Archaeological Science</i> , 2020, 115, 105080.	1.2	36
17	A unified protocol for simultaneous extraction of DNA and proteins from archaeological dental calculus. <i>Journal of Archaeological Science</i> , 2020, 118, 105135.	1.2	23
18	Toward a geography of foodways in the southern Gulf Islands, Pacific Northwest Coast. <i>North American Archaeologist</i> , 2020, 41, 3-32.	0.3	3

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19	Scottish soldiers from the Battle of Dunbar 1650: A prosopographical approach to a skeletal assemblage. PLoS ONE, 2020, 15, e0243369.	1.1	7
20	ANTLER COMBS FROM THE SALME SHIP BURIALS: FIND CONTEXT, ORIGIN, DATING AND MANUFACTURE. Estonian Journal of Archaeology, 2020, 24, 3.	0.8	4
21	Turkey: Domestication. , 2020, , 10752-10754.		0
22	Identifying Archaeological Bone via Non-Destructive ZooMS and the Materiality of Symbolic Expression: Examples from Iroquoian Bone Points. Scientific Reports, 2019, 9, 11027.	1.6	56
23	Multidisciplinary investigations of the diets of two post-medieval populations from London using stable isotopes and microdebris analysis. Archaeological and Anthropological Sciences, 2019, 11, 6161-6181.	0.7	11
24	New insights into Neolithic milk consumption through proteomic analysis of dental calculus. Archaeological and Anthropological Sciences, 2019, 11, 6183-6196.	0.7	45
25	Ancient mitochondrial DNA and population dynamics in postclassic Central Mexico: Tlatelolco (ad) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	10
26	Medieval women's early involvement in manuscript production suggested by lapis lazuli identification in dental calculus. Science Advances, 2019, 5, eaau7126.	4.7	52
27	Anthropogenic habitat alteration leads to rapid loss of adaptive variation and restoration potential in wild salmon populations. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 177-186.	3.3	88
28	Recent dating of extinct Atlantic gray whale fossils, <i>Eschrichtius robustus</i> , Georgia Bight and Florida, western Atlantic Ocean. PeerJ, 2019, 7, e6381.	0.9	9
29	Une baleine grise dans le PÃ©rigord magdalÃ©nien : identification taxinomique d'une pointe de projectile en os de La Madeleine (Dordogne, France) par empreinte peptidique de masse du collagÃ©ne. Paleo, 2019, , 230-242.	0.1	5
30	Diversity of management strategies in Mesoamerican turkeys: archaeological, isotopic and genetic evidence. Royal Society Open Science, 2018, 5, 171613.	1.1	20
31	A guide to ancient protein studies. Nature Ecology and Evolution, 2018, 2, 791-799.	3.4	163
32	Ancient proteins from ceramic vessels at Atlatlahuaca West reveal the hidden cuisine of early farmers. Nature Communications, 2018, 9, 4064.	5.8	105
33	Lives before and after Stonehenge: An osteobiographical study of four prehistoric burials recently excavated from the Stonehenge World Heritage Site. Journal of Archaeological Science: Reports, 2018, 20, 692-710.	0.2	12
34	Forgotten Mediterranean calving grounds of grey and North Atlantic right whales: evidence from Roman archaeological records. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180961.	1.2	27
35	Proteomic evidence of dietary sources in ancient dental calculus. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180977.	1.2	97
36	An efficient and reliable DNA-based sex identification method for archaeological Pacific salmonid ( <i>Oncorhynchus</i> spp.) remains. PLoS ONE, 2018, 13, e0193212.	1.1	13

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37	Turkey: Domestication. , 2018, , 1-3.		0
38	Combined hybridization capture and shotgun sequencing for ancient <sc>DNA</sc> analysis of extinct wild and domestic dromedary camel. <i>Molecular Ecology Resources</i> , 2017, 17, 300-313.	2.2	25
39	The dental calculus metabolome in modern and historic samples. <i>Metabolomics</i> , 2017, 13, 134.	1.4	44
40	Genomic and proteomic identification of Late Holocene remains: Setting baselines for Black Sea odontocetes. <i>Journal of Archaeological Science: Reports</i> , 2017, 15, 262-271.	0.2	6
41	New criteria for the molecular identification of cereal grains associated with archaeological artefacts. <i>Scientific Reports</i> , 2017, 7, 6633.	1.6	63
42	Preservation of the metaproteome: variability of protein preservation in ancient dental calculus. <i>Science and Technology of Archaeological Research</i> , 2017, 3, 58-70.	2.4	39
43	The York Gospels: a 1000-year biological palimpsest. <i>Royal Society Open Science</i> , 2017, 4, 170988.	1.1	66
44	Novel Substrates as Sources of Ancient DNA: Prospects and Hurdles. <i>Genes</i> , 2017, 8, 180.	1.0	44
45	Cheek tooth morphology and ancient mitochondrial DNA of late Pleistocene horses from the western interior of North America: Implications for the taxonomy of North American Late Pleistocene Equus. <i>PLoS ONE</i> , 2017, 12, e0183045.	1.1	29
46	The historical ecology of Pacific herring: Tracing Alaska Native use of a forage fish. <i>Journal of Archaeological Science: Reports</i> , 2016, 8, 504-512.	0.2	12
47	Barcoding the largest animals on Earth: ongoing challenges and molecular solutions in the taxonomic identification of ancient cetaceans. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150332.	1.8	30
48	Ancient Maya turkey husbandry: Testing theories through stable isotope analysis. <i>Journal of Archaeological Science: Reports</i> , 2016, 10, 584-595.	0.2	15
49	Identifying the sex of archaeological turkey remains using ancient DNA techniques. <i>Journal of Archaeological Science: Reports</i> , 2016, 10, 520-525.	0.2	6
50	Using combined biomolecular methods to explore whale exploitation and social aggregation in hunter-gatherer fisher society in Tierra del Fuego. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 757-767.	0.2	26
51	A sixteenth-century turkey ( <i>Meleagris gallopavo</i> ) from Puerto Real, Hispaniola. <i>Journal of Archaeological Science: Reports</i> , 2016, 10, 640-646.	0.2	5
52	Three Thousand Years of Continuity in the Maternal Lineages of Ancient Sheep ( <i>Ovis aries</i> ) in Estonia. <i>PLoS ONE</i> , 2016, 11, e0163676.	1.1	19
53	Intrinsic challenges in ancient microbiome reconstruction using 16S rRNA gene amplification. <i>Scientific Reports</i> , 2015, 5, 16498.	1.6	153
54	Ancient human microbiomes. <i>Journal of Human Evolution</i> , 2015, 79, 125-136.	1.3	123

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55	A new era in palaeomicrobiology: prospects for ancient dental calculus as a long-term record of the human oral microbiome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130376.	1.8	203
56	Stable isotope and ancient DNA analysis of dog remains from Cathlapotle (45CL1), a contact-era site on the Lower Columbia River. <i>Journal of Archaeological Science</i> , 2015, 57, 268-282.	1.2	18
57	The future of ancient DNA: Technical advances and conceptual shifts. <i>BioEssays</i> , 2015, 37, 284-293.	1.2	209
58	Assessing prehistoric genetic structure and diversity of North American elk ( <i>Cervus elaphus</i> ) populations in Alberta, Canada. <i>Canadian Journal of Zoology</i> , 2014, 92, 285-298.	0.4	5
59	Pathogens and host immunity in the ancient human oral cavity. <i>Nature Genetics</i> , 2014, 46, 336-344.	9.4	482
60	Direct evidence of milk consumption from ancient human dental calculus. <i>Scientific Reports</i> , 2014, 4, 7104.	1.6	184
61	Turkey: Domestication. , 2014, , 7393-7396.		1
62	Phenotypes from ancient <i>mtDNA</i> : Approaches, insights and prospects. <i>BioEssays</i> , 2013, 35, 690-695.	1.2	25
63	Ancient <i>mtDNA</i> Analysis of Early 16th Century Caribbean Cattle Provides Insight into Founding Populations of New World Creole Cattle Breeds. <i>PLoS ONE</i> , 2013, 8, e69584.	1.1	14
64	Earliest Mexican Turkeys ( <i>Meleagris gallopavo</i> ) in the Maya Region: Implications for Pre-Hispanic Animal Trade and the Timing of Turkey Domestication. <i>PLoS ONE</i> , 2012, 7, e42630.	1.1	65
65	Personal Identification of Cold Case Remains Through Combined Contribution from Anthropological, <i>mtDNA</i> , and Bombâ€Pulse Dating Analyses. <i>Journal of Forensic Sciences</i> , 2012, 57, 1354-1360.	0.9	21
66	High Potential for Using DNA from Ancient Herring Bones to Inform Modern Fisheries Management and Conservation. <i>PLoS ONE</i> , 2012, 7, e51122.	1.1	47
67	Feather barbs as a good source of <i>mtDNA</i> for bird species identification in forensic wildlife investigations. <i>Investigative Genetics</i> , 2011, 2, 16.	3.3	17
68	Integrated DNA and Fingerprint Analyses in the Identification of 60â€Yearâ€Old Mummified Human Remains Discovered in an Alaskan Glacier. <i>Journal of Forensic Sciences</i> , 2010, 55, 813-818.	0.9	37
69	Ancient mitochondrial DNA analysis reveals complexity of indigenous North American turkey domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2807-2812.	3.3	129
70	Ancient DNA provides new insights into the origin of the Chinese domestic horse. <i>Journal of Archaeological Science</i> , 2009, 36, 835-842.	1.2	39
71	Wild or domesticated: DNA analysis of ancient water buffalo remains from north China. <i>Journal of Archaeological Science</i> , 2008, 35, 2778-2785.	1.2	72
72	Identification of ancient remains through genomic sequencing. <i>Genome Research</i> , 2008, 18, 1347-1353.	2.4	47

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73	Co-amplification of cytochrome b and D-loop mtDNA fragments for the identification of degraded DNA samples. <i>Molecular Ecology Notes</i> , 2006, 6, 605-608.	1.7	21
74	Historical Ecology and Biogeography of North Pacific Pinnipeds: Isotopes and Ancient DNA from Three Archaeological Assemblages. <i>Journal of Island and Coastal Archaeology</i> , 2006, 1, 165-190.	0.6	36
75	Ancient DNA investigation of prehistoric salmon resource utilization at Keatley Creek, British Columbia, Canada. <i>Journal of Archaeological Science</i> , 2005, 32, 1378-1389.	1.2	41