

Colin I Smith

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

3,471
citations

257450

24
h-index

265206

42
g-index

49
all docs

49
docs citations

49
times ranked

5010
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic evidence for the Pleistocene and recent population history of Native Americans. <i>Science</i> , 2015, 349, aab3884.	12.6	449
2	Characterisation of microbial attack on archaeological bone. <i>Journal of Archaeological Science</i> , 2004, 31, 87-95.	2.4	308
3	Ancient mitochondrial DNA provides high-resolution time scale of the peopling of the Americas. <i>Science Advances</i> , 2016, 2, e1501385.	10.3	306
4	The thermal history of human fossils and the likelihood of successful DNA amplification. <i>Journal of Human Evolution</i> , 2003, 45, 203-217.	2.6	227
5	Not just old but old and cold?. <i>Nature</i> , 2001, 410, 771-772.	27.8	186
6	Bone diagenesis in the European Holocene I: patterns and mechanisms. <i>Journal of Archaeological Science</i> , 2007, 34, 1485-1493.	2.4	161
7	Bone diagenesis in the European Holocene II: taphonomic and environmental considerations. <i>Journal of Archaeological Science</i> , 2007, 34, 1523-1531.	2.4	153
8	Cattle domestication in the Near East was followed by hybridization with aurochs bulls in Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 2345-2351.	2.6	151
9	Strontium isotope evidence of Neanderthal mobility at the site of Lakonis, Greece using laser-ablation PIMMS. <i>Journal of Archaeological Science</i> , 2008, 35, 1251-1256.	2.4	132
10	Comment on "Protein Sequences from Mastodon and <i>Tyrannosaurus rex</i> Revealed by Mass Spectrometry". <i>Science</i> , 2008, 319, 33-33.	12.6	127
11	Early bone diagenesis in temperate environments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 288, 62-81.	2.3	124
12	Prehistoric contacts over the Straits of Gibraltar indicated by genetic analysis of Iberian Bronze Age cattle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8431-8435.	7.1	109
13	Application of sulphur isotope ratios to examine weaning patterns and freshwater fish consumption in Roman Oxfordshire, UK. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4963-4977.	3.9	97
14	Four millennia of Iberian biomolecular prehistory illustrate the impact of prehistoric migrations at the far end of Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3428-3433.	7.1	96
15	Biochemical and physical correlates of DNA contamination in archaeological human bones and teeth excavated at Matera, Italy. <i>Journal of Archaeological Science</i> , 2005, 32, 785-793.	2.4	92
16	A three-phase liquid chromatographic method for $\delta^{13}C$ analysis of amino acids from biological protein hydrolysates using liquid chromatography-isotope ratio mass spectrometry. <i>Analytical Biochemistry</i> , 2009, 390, 165-172.	2.4	87
17	Tracing genetic change over time using nuclear SNPs in ancient and modern cattle. <i>Animal Genetics</i> , 2007, 38, 378-383.	1.7	72
18	Long-Term Resilience of Late Holocene Coastal Subsistence System in Southeastern South America. <i>PLoS ONE</i> , 2014, 9, e93854.	2.5	67

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19	Diagenesis and survival of osteocalcin in archaeological bone. <i>Journal of Archaeological Science</i> , 2005, 32, 105-113.	2.4	62
20	Investigation of amino acid $\delta^{13}\text{C}$ signatures in bone collagen to reconstruct human palaeodiets using liquid chromatography–isotope ratio mass spectrometry. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6093-6111.	3.9	54
21	Response to Comment by Goldberg <i>et al.</i> on “DNA from Pre-Clovis Human Coprolites in Oregon, North America” <i>Science</i> , 2009, 325, 148-148.	12.6	52
22	Long-term survival of ancient DNA in Egypt: Response to Zink and Nerlich (2003). <i>American Journal of Physical Anthropology</i> , 2005, 128, 110-114.	2.1	40
23	Short-term variability of human diet at Basketmaker II Turkey Pen Ruins, Utah: Insights from bulk and single amino acid isotope analysis of hair. <i>Journal of Archaeological Science: Reports</i> , 2016, 5, 10-18.	0.5	29
24	Elucidating stygofaunal trophic web interactions via isotopic ecology. <i>PLoS ONE</i> , 2019, 14, e0223982.	2.5	29
25	Typing single polymorphic nucleotides in mitochondrial DNA as a way to access Middle Pleistocene DNA. <i>Biology Letters</i> , 2006, 2, 601-603.	2.3	28
26	Musk ox (<i>Ovibos moschatus</i>) of the mammoth steppe: tracing palaeodietary and palaeoenvironmental changes over the last 50,000 years using carbon and nitrogen isotopic analysis. <i>Quaternary Science Reviews</i> , 2014, 102, 192-201.	3.0	27
27	A new perspective on the $\delta^{13}\text{C}$ signal preserved in speleothems using LC–IRMS analysis of bulk organic matter and compound specific stable isotope analysis. <i>Quaternary Science Reviews</i> , 2013, 75, 143-149.	3.0	24
28	High-resolution palaeodietary reconstruction: Amino acid $\delta^{13}\text{C}$ analysis of keratin from single hairs of mummified human individuals. <i>Quaternary International</i> , 2017, 436, 96-113.	1.5	22
29	Preservation effects on the isotopic and elemental composition of skeletal structures in the deep-sea bamboo coral <i>Lepidisis</i> spp. (<i>Isididae</i>). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 199-206.	1.4	20
30	Rainfall as a trigger of ecological cascade effects in an Australian groundwater ecosystem. <i>Scientific Reports</i> , 2021, 11, 3694.	3.3	20
31	$\delta^{13}\text{C}$ analysis of bulk organic matter in speleothems using liquid chromatography–isotope ratio mass spectrometry. <i>Organic Geochemistry</i> , 2013, 55, 22-25.	1.8	19
32	Tracing historical animal husbandry, meat trade, and food provisioning: A multi-isotopic approach to the analysis of shipwreck faunal remains from the William Salthouse, Port Phillip, Australia. <i>Journal of Archaeological Science: Reports</i> , 2015, 1, 21-28.	0.5	18
33	The precision of porosity measurements: Effects of sample pre-treatment on porosity measurements of modern and archaeological bone. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 266, 175-182.	2.3	17
34	Integrating Stable Isotope and Zooarchaeological Analyses in Historical Archaeology: A Case Study from the Urban Nineteenth-Century Commonwealth Block Site, Melbourne, Australia. <i>International Journal of Historical Archaeology</i> , 2014, 18, 415-440.	0.4	17
35	Pica 8: Refining dietary reconstruction through amino acid $\delta^{13}\text{C}$ analysis of tendon collagen and hair keratin. <i>Journal of Archaeological Science</i> , 2018, 93, 94-109.	2.4	11
36	Response to Nowell and Horstwood (2009). <i>Journal of Archaeological Science</i> , 2009, 36, 1657-1658.	2.4	8

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37	Improving the chronological framework for Laugerie-Haute Ouest (Dordogne, France). <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 574-582.	0.5	7
38	Bone Diagenesis at Azokh Caves. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2016, , 251-269.	0.5	4
39	Isotopic variation within Tasmanian bare-nosed wombat tooth enamel: Implications for archaeological and palaeoecological research. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 523, 97-115.	2.3	4
40	Palaeopathology and amino acid $\delta^{13}C$ analysis: Investigating pre-Columbian individuals with tuberculosis at Pica 8, northern Chile (1050-500 BP). <i>Journal of Archaeological Science</i> , 2021, 129, 105367.	2.4	4
41	Paleodiet reconstruction of human and animal bones at the Dalujiao cemetery in Early Iron Age Xinjiang, China. <i>International Journal of Osteoarchaeology</i> , 0, , .	1.2	4
42	Bioarchaeological evidence of one of the earliest Islamic burials in the Levant. <i>Communications Biology</i> , 2022, 5, .	4.4	3
43	Reconstructing animal management practices at Greek Early Iron Age Zagora (Andros) using stable isotopes. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	1.8	2
44	Elucidating stygofaunal trophic web interactions via isotopic ecology. , 2019, 14, e0223982.		0
45	Elucidating stygofaunal trophic web interactions via isotopic ecology. , 2019, 14, e0223982.		0
46	Elucidating stygofaunal trophic web interactions via isotopic ecology. , 2019, 14, e0223982.		0
47	Elucidating stygofaunal trophic web interactions via isotopic ecology. , 2019, 14, e0223982.		0
48	Isotopic evidence for animal management strategies at Archaic and Classical period Argilos, Greece. <i>Journal of Archaeological Science: Reports</i> , 2022, 43, 103436.	0.5	0