Julia A Lee-Thorp

List of Publications by Year
in descending order

134	12,798	22153	24258
papers	citations	59 h-index	110 g-index

136	136	136	9331
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Holocene climate variability. Quaternary Research, 2004, 62, 243-255.	1.7	1,994
2	Stable carbon isotope ratio differences between bone collagen and bone apatite, and their relationship to diet. Journal of Archaeological Science, 1989, 16, 585-599.	2.4	696
3	ON ISOTOPES AND OLD BONES*. Archaeometry, 2008, 50, 925-950.	1.3	557
4	Did Our Species Evolve in Subdivided Populations across Africa, and Why Does It Matter?. Trends in Ecology and Evolution, 2018, 33, 582-594.	8.7	315
5	Persistent millennial-scale climatic variability over the past 25,000 years in Southern Africa. Quaternary Science Reviews, 2003, 22, 2311-2326.	3.0	312
6	Isotopic Evidence for the Diet of an Early Hominid, Australopithecus africanus. Science, 1999, 283, 368-370.	12.6	296
7	Aspects of the chemistry of modern and fossil biological apatites. Journal of Archaeological Science, 1991, 18, 343-354.	2.4	284
8	Three case studies used to reassess the reliability of fossil bone and enamel isotope signals for paleodietary studies. Journal of Anthropological Archaeology, 2003, 22, 208-216.	1.6	261
9	Oxygen Isotopes in Enamel Carbonate and their Ecological Significance. Journal of Archaeological Science, 1999, 26, 723-728.	2.4	250
10	Isotopic evidence of early hominin diets. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10513-10518.	7.1	225
11	DIETS OF SOUTHERN AFRICAN BOVIDAE: STABLE ISOTOPE EVIDENCE. Journal of Mammalogy, 2003, 84, 471-479.	1.3	218
12	Diet of Australopithecus robustus at Swartkrans from stable carbon isotopic analysis. Journal of Human Evolution, 1994, 27, 361-372.	2.6	213
13	Isotopic Evidence for Dietary Variability in the Early Hominin Paranthropus robustus. Science, 2006, 314, 980-982.	12.6	206
14	A 16-Ma record of paleodiet using carbon and oxygen isotopes in fossil teeth from Pakistan. Chemical Geology: Isotope Geoscience Section, 1992, 94, 183-192.	0.6	192
15	Source-area determination of elephant ivory by isotopic analysis. Nature, 1990, 346, 744-746.	27.8	180
16	Hominins, sedges, and termites: new carbon isotope data from the Sterkfontein valley and Kruger National Park. Journal of Human Evolution, 2005, 48, 301-312.	2.6	178
17	Protein sequences bound to mineral surfaces persist into deep time. ELife, 2016, 5, .	6.0	176
18	Strontium isotope evidence for landscape use by early hominins. Nature, 2011, 474, 76-78.	27.8	175

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19	A 3000-year high-resolution stalagmitebased record of palaeoclimate for northeastern South Africa. Holocene, 1999, 9, 295-309.	1.7	172
20	Alteration of Enamel Carbonate Environments during Fossilization. Journal of Archaeological Science, 1999, 26, 143-150.	2.4	167
21	Taxonomic, anatomical, and spatio-temporal variations in the stable carbon and nitrogen isotopic compositions of plants from an African savanna. Journal of Archaeological Science, 2005, 32, 1757-1772.	2.4	160
22	Timing of C4 grass expansion across sub-Saharan Africa. Journal of Human Evolution, 2007, 53, 549-559.	2.6	157
23	Diets of savanna ungulates from stable carbon isotope composition of faeces. Journal of Zoology, 2007, 273, 21-29.	1.7	156
24	Do â€œsavannaâ€•chimpanzees consume C4 resources?. Journal of Human Evolution, 2006, 51, 128-133.	2.6	150
25	The hunters and the hunted revisited. Journal of Human Evolution, 2000, 39, 565-576.	2.6	149
26	Isotopic evidence for dietary differences between two extinct baboon species from Swartkrans. Journal of Human Evolution, 1989, 18, 183-189.	2.6	140
27	Combining isotopic and ecomorphological data to refine bovid paleodietary reconstruction: a case study from the Makapansgat Limeworks hominin locality. Journal of Human Evolution, 1999, 36, 705-718.	2.6	129
28	The carbon isotope ecology and diet of Australopithecus africanus at Sterkfontein, South Africa. Journal of Human Evolution, 2003, 44, 581-597.	2.6	129
29	Technical note: Some observations on the conversion of dental enamel Î´¹⁸o_p values to Î´¹⁸o_w to determine human mobility. American Journal of Physical Anthropology, 2011, 145, 499-504.	2.1	128
30	Dental microwear and stable isotopes inform the paleoecology of extinct hominins. American Journal of Physical Anthropology, 2012, 148, 285-317.	2.1	112
31	The oxygen isotope composition of mammalian enamel carbonate from Morea Estate, South Africa. Oecologia, 2001, 126, 153-157.	2.0	111
32	ELEPHANT (LOXODONTA AFRICANA) DIETS IN KRUGER NATIONAL PARK, SOUTH AFRICA: SPATIAL AND LANDSCAPE DIFFERENCES. Journal of Mammalogy, 2006, 87, 27-34.	1.3	106
33	Isotopic evidence for an early shift to C ₄ resources by Pliocene hominins in Chad. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20369-20372.	7.1	106
34	Sr/Ca and early hominin diets revisited: new data from modern and fossil tooth enamel. Journal of Human Evolution, 2005, 48, 147-156.	2.6	100
35	Rapid climate shifts in the southern African interior throughout the Mid to Late Holocene. Geophysical Research Letters, 2001, 28, 4507-4510.	4.0	97
36	Direct evidence for human reliance on rainforest resources in late Pleistocene Sri Lanka. Science, 2015, 347, 1246-1249.	12.6	93

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37	Victims and survivors: Stable isotopes used to identify migrants from the Great Irish Famine to 19th century London. American Journal of Physical Anthropology, 2013, 150, 87-98.	2.1	90
38	New evidence for the lack of C4 grassland expansions during the early Pliocene at Langebaanweg, South Africa. Paleobiology, 2002, 28, 378-388.	2.0	88
39	Significance of diet type and diet quality for ecological diversity of African ungulates. Journal of Animal Ecology, 2007, 76, 526-537.	2.8	88
40	Stratigraphy, U-Th chronology, and paleoenvironments at Gladysvale Cave: insights into the climatic control of South African hominin-bearing cave deposits. Journal of Human Evolution, 2007, 53, 602-619.	2.6	86
41	Stable isotope characterization of mammalian predatorâ€“prey relationships in a South African savanna. European Journal of Wildlife Research, 2007, 53, 161-170.	1.4	86
42	Intraâ€tooth stable isotope analysis of dentine: A step toward addressing selective mortality in the reconstruction of life history in the archaeological record. American Journal of Physical Anthropology, 2014, 155, 281-293.	2.1	85
43	Tracking changing environments using stable carbon isotopes in fossil tooth enamel: an example from the South African hominin sites. Journal of Human Evolution, 2007, 53, 595-601.	2.6	84
44	Exploring the variation of the Î´18Op and Î´18Oc relationship in enamel increments. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 71-83.	2.3	84
45	Impact of contamination and preâ€treatment on stable carbon and nitrogen isotopic composition of charred plant remains. Rapid Communications in Mass Spectrometry, 2014, 28, 2497-2510.	1.5	84
46	Nutritional content of savanna plant foods: implications for browser/grazer models of ungulate diversification. European Journal of Wildlife Research, 2007, 53, 100-111.	1.4	82
47	Strontium isotope investigation of ungulate movement patterns on the Pleistocene Paleo-Agulhas Plain of the Greater Cape Floristic Region, South Africa. Quaternary Science Reviews, 2016, 141, 65-84.	3.0	82
48	Faunal migration in lateâ€glacial central Italy: implications for human resource exploitation. Rapid Communications in Mass Spectrometry, 2008, 22, 1714-1726.	1.5	81
49	Vegetation and Seasonality Shifts during the Late Quaternary Deduced from 13C/12C Ratios of Grazers at Equus Cave, South Africa. Quaternary Research, 1995, 43, 426-432.	1.7	80
50	Calcined bone provides a reliable substrate for strontium isotope ratios as shown by an enrichment experiment. Rapid Communications in Mass Spectrometry, 2015, 29, 107-114.	1.5	80
51	78,000-year-old record of Middle and Later Stone Age innovation in an East African tropical forest. Nature Communications, 2018, 9, 1832.	12.8	78
52	Carbon and nitrogen stable isotopic signatures of human dietary change in the Georgia Bight. American Journal of Physical Anthropology, 1992, 89, 197-214.	2.1	75
53	Changes in carbon isotope ratios in the late Permian recorded in therapsid tooth apatite. Nature, 1990, 347, 751-753.	27.8	73
54	Early life histories of the London poor using Î´¹³C and Î´¹⁵N stable isotope incremental dentine sampling. American Journal of Physical Anthropology, 2014, 154, 585-593.	2.1	73

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55	Towards a biologically available strontium isotope baseline for Ireland. Science of the Total Environment, 2020, 712, 136248.	8.0	69
56	What Insights Can Baboon Feeding Ecology Provide for Early Hominin Niche Differentiation?. International Journal of Primatology, 2008, 29, 757-772.	1.9	68
57	Strontium isotope analysis on cremated human remains from Stonehenge support links with west Wales. Scientific Reports, 2018, 8, 10790.	3.3	66
58	Strontium isotope ratios in fossil teeth from South Africa: assessing laser ablation MC-ICP-MS analysis and the extent of diagenesis. Journal of Archaeological Science, 2010, 37, 1437-1446.	2.4	65
59	Fruits of the forest: Human stable isotope ecology and rainforest adaptations in Late Pleistocene and Holocene (â¼36 to 3 ka) Sri Lanka. Journal of Human Evolution, 2017, 106, 102-118.	2.6	65
60	What do stable isotopes tell us about hominid dietary and ecological niches in the pliocene?. International Journal of Osteoarchaeology, 2003, 13, 104-113.	1.2	63
61	Climate, Environment and Early Human Innovation: Stable Isotope and Faunal Proxy Evidence from Archaeological Sites (98-59ka) in the Southern Cape, South Africa. PLoS ONE, 2016, 11, e0157408.	2.5	59
62	Indications of habitat association of Australopithecus robustus in the Bloubank Valley, South Africa. Journal of Human Evolution, 2008, 55, 1015-1030.	2.6	58
63	Landscape-scale feeding patterns of African elephant inferred from carbon isotope analysis of feces. Oecologia, 2011, 165, 89-99.	2.0	52
64	Trace element and isotopic aspects of predator-prey relationships in terrestrial foodwebs. Palaeogeography, Palaeoclimatology, Palaeoecology, 1994, 107, 243-255.	2.3	51
65	Neogene climate change and emergence of C4 grasses in the Namib, southwestern Africa, as reflected in ratite 13C and 18O. Earth and Planetary Science Letters, 2006, 244, 725-734.	4.4	50
66	Impact of heating conditions on the carbon and oxygen isotope composition of calcined bone. Journal of Archaeological Science, 2016, 65, 32-43.	2.4	50
67	Functional differentiation of African grazing ruminants: an example of specialized adaptations to very small changes in diet. Biological Journal of the Linnean Society, 0, 94, 755-764.	1.6	49
68	Late Quaternary environmental change in the Southern Cape, South Africa, from stable carbon and oxygen isotopes in faunal tooth enamel from Boomplaas Cave. Journal of Quaternary Science, 2016, 31, 919-927.	2.1	48
69	Assessing diet in savanna herbivores using stable carbon isotope ratios of faeces. Koedoe, 2005, 48, 115.	0.9	47
70	Isotopic evidence for divergent diets and mobility patterns in the <scp>A</scp>tacama <scp>D</scp>esert, northern <scp>C</scp>hile, during the <scp>L</scp>ate <scp>I</scp>ntermediate <scp>P</scp>eriod (<scp>AD</scp> 900â€“1450). American Journal of Physical Anthropology, 2015, 156, 374-387.	2.1	46
71	Stable carbon and oxygen isotopic evidence for late Pleistocene to middle Holocene climatic fluctuations in the interior of southern Africa. Journal of Quaternary Science, 2002, 17, 683-695.	2.1	44
72	Stable carbon isotopic evidence for climate change across the late Pleistocene to early Holocene from Lesotho, southern Africa. Journal of Quaternary Science, 2013, 28, 360-369.	2.1	44

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73	Corroborated rainfall records from aragonitic stalagmites. Earth and Planetary Science Letters, 2003, 215, 265-273.	4.4	41
74	A simple method to establish calcite:aragonite ratios in archaeological mollusc shells. Journal of Quaternary Science, 2015, 30, 731-735.	2.1	41
75	Tropical forests and the genus Homo. Evolutionary Anthropology, 2016, 25, 306-317.	3.4	41
76	Mobility during the neolithic and bronze age in northern ireland explored using strontium isotope analysis of cremated human bone. American Journal of Physical Anthropology, 2016, 160, 397-413.	2.1	40
77	Stable isotope series from elephant ivory reveal lifetime histories of a true dietary generalist. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2433-2441.	2.6	39
78	Fossil herbivore stable isotopes reveal middle Pleistocene hominin palaeoenvironment in â€˜Green Arabiaâ€™. Nature Ecology and Evolution, 2018, 2, 1871-1878.	7.8	39
79	New Radiocarbon Dates and Bayesian Models for Nelson Bay Cave and Byneskranskop 1: Implications for the South African Later Stone Age Sequence. Radiocarbon, 2016, 58, 365-381.	1.8	38
80	Insights from stable light isotopes on enamel defects and weaning in Pliocene herbivores. Journal of Biosciences, 2003, 28, 765-773.	1.1	37
81	Mapping the Elephants of the 19th Century East African Ivory Trade with a Multi-Isotope Approach. PLoS ONE, 2016, 11, e0163606.	2.5	37
82	Late Pleistocene stalagmite growth in Wolkberg Cave, South Africa. Earth and Planetary Science Letters, 2009, 282, 212-221.	4.4	35
83	Infant and childhood diet at the passage tomb of Alto de la Huesera (northâ€central Iberia) from bone collagen and sequential dentine isotope composition. International Journal of Osteoarchaeology, 2018, 28, 542-551.	1.2	34
84	Holocene geochronology of a continentalshelf mudbelt off southwestern Africa. Holocene, 2002, 12, 59-67.	1.7	33
85	â€˜White goldâ€™ guano fertilizer drove agricultural intensification in the Atacama Desert from ad 1000. Nature Plants, 2021, 7, 152-158.	9.3	33
86	Niche Partitioning in Sympatric Gorilla and Pan from Cameroon: Implications for Life History Strategies and for Reconstructing the Evolution of Hominin Life History. PLoS ONE, 2014, 9, e102794.	2.5	32
87	High prevalence of enamel hypoplasia in an early Pliocene giraffid (Sivatherium hendeyi) from South Africa. Journal of Vertebrate Paleontology, 2004, 24, 235-244.	1.0	31
88	Late Holocene Neoglacial conditions from the Lesotho highlands, southern Africa: phytolith and stable carbon isotope evidence from the archaeological site of Likoaeng. Proceedings of the Geologists Association, 2011, 122, 201-211.	1.1	31
89	A guide for an anatomically sensitive dentine microsampling and ageâ€alignment approach for human teeth isotopic sequences. American Journal of Physical Anthropology, 2020, 173, 776-783.	2.1	31
90	Multi-isotope evidence for the emergence of cultural alterity in Late Neolithic Europe. Science Advances, 2020, 6, eaay2169.	10.3	30

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91	Stable isotope evidence of late MIS 3 to middle Holocene palaeoenvironments from Sehonghong Rockshelter, eastern Lesotho. Journal of Quaternary Science, 2015, 30, 805-816.	2.1	28
92	The palaeoecological context of the Oldowanâ€“Acheulean in southern Africa. Nature Ecology and Evolution, 2018, 2, 1080-1086.	7.8	27
93	Cathodoluminescence tools provide clues to depositional history in Miocene and Pliocene mammalian teeth. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 266, 246-253.	2.3	26
94	Holocene Environmental Change at Wonderwerk Cave, South Africa: Insights from Stable Light Isotopes in Ostrich Eggshell. African Archaeological Review, 2015, 32, 793-811.	1.4	26
95	Stable carbon, oxygen, and nitrogen, isotope analysis of plants from a South Asian tropical forest: Implications for primatology. American Journal of Primatology, 2017, 79, e22656.	1.7	26
96	Of cattle and feasts: Multi-isotope investigation of animal husbandry and communal feasting at Neolithic Makriyalos, northern Greece. PLoS ONE, 2018, 13, e0194474.	2.5	26
97	Plant stable isotope composition across habitat gradients in a semiâ€arid savanna: implications for environmental reconstruction. Journal of Quaternary Science, 2013, 28, 301-310.	2.1	24
98	Influences on the stable oxygen and carbon isotopes in gerbillid rodent teeth in semi-arid and arid environments: Implications for past climate and environmental reconstruction. Earth and Planetary Science Letters, 2015, 428, 84-96.	4.4	23
99	Further insight into Neolithic agricultural management at Kouphovouno, southern Greece: expanding the isotopic approach. Archaeological and Anthropological Sciences, 2020, 12, 1.	1.8	21
100	Stable isotope turnover and variability in tail hairs of captive and free-ranging African elephants (Loxodonta africana) reveal dietary niche differences within populations. Canadian Journal of Zoology, 2013, 91, 124-134.	1.0	20
101	The palaeoecology of the non-mammalian cynodonts Diademodon and Cynognathus from the Karoo Basin of South Africa, using stable light isotope analysis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 223, 303-316.	2.3	19
102	The demise of â€œNutcracker Manâ€• Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9319-9320.	7.1	18
103	A 12,000 year record of changes in herbivore niche separation and palaeoclimate (Wonderwerk Cave,) Tj ETQq1 1 0.784314 rgBT /Ov	3.0	18
104	Imagingâ€assisted timeâ€resolved dentine sampling to track weaning histories. International Journal of Osteoarchaeology, 2018, 28, 535-541.	1.2	18
105	Paired Radiocarbon Dating on Human Samples and Camelid Fibers and Textiles from Northern Chile: The Case of Pica 8 (TarapacÃ¡). Radiocarbon, 2017, 59, 1195-1213.	1.8	17
106	Persistent tropical foraging in the highlands of terminal Pleistocene/Holocene New Guinea. Nature Ecology and Evolution, 2017, 1, 44.	7.8	16
107	Radiocarbon Dates Constrain the Timing of Environmental and Cultural Shifts in the Holocene Strata of Wonderwerk Cave, South Africa. Radiocarbon, 2017, 59, 1067-1086.	1.8	16
108	Seasonal scheduling of shellfish collection in the Middle and Later Stone Ages of southern Africa. Journal of Human Evolution, 2019, 128, 1-16.	2.6	16

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109	Stable isotope evidence for impala Aepyceros melampus diets at Akagera National Park, Rwanda. African Journal of Ecology, 2009, 47, 490-501.	0.9	14
110	Finding Vikings in the Danelaw. Oxford Journal of Archaeology, 2014, 33, 413-434.	0.4	14
111	Palaeoecology of late Early Miocene fauna in the Namib based on 13C/12C and 18O/16O ratios of tooth enamel and ratite eggshell carbonate. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 277, 191-198.	2.3	13
112	Pre-Colonial Herding Strategies in the Shashe-Limpopo Basin, Southern Africa, Based on Strontium Isotope Analysis of Domestic Fauna. Journal of African Archaeology, 2010, 8, 83-98.	0.6	12
113	An isotopic generation: four decades of stable isotope analysis in African archaeology. Azania, 2016, 51, 88-114.	0.9	11
114	Revisiting the potential of carbonized grain to preserve biogenic ⁸⁷Sr/⁸⁶Sr signatures within the burial environment. Archaeometry, 2019, 61, 179-193.	1.3	11
115	The ups & downs of Iron Age animal management on the Oxfordshire Ridgeway, south-central England: A multi-isotope approach. Journal of Archaeological Science, 2019, 101, 199-212.	2.4	11
116	CHARACTERISING THE NAMAQUALAND MUDBELT OF SOUTHERN AFRICA: CHRONOLOGY, PALYNOLOGY AND PALAEOENVIRONMENTS. Southern African Geographical Journal, 2000, 82, 137-142.	1.8	10
117	Mobility in the Atacama Desert, northern Chile, in the Late Intermediate Period (AD 900â€“1450): A re-evaluation using stable isotope analysis. Quaternary International, 2019, 533, 66-77.	1.5	10
118	From texts to teeth: A multi-isotope study of sheep and goat herding practices in the Late Bronze Age (â€˜Mycenaeanâ€™) polity of Knossos, Crete. Journal of Archaeological Science: Reports, 2019, 23, 36-56.	0.5	10
119	An isotopic test of the seasonal migration hypothesis for large grazing ungulates inhabiting the Palaeo-Agulhas Plain. Quaternary Science Reviews, 2020, 235, 106221.	3.0	10
120	Micromammal and macromammal stable isotopes from a MIS 6 fossil hyena den (Pinnacle Point site 30,) Tj ETQq0 0 0 rgBT /Overlock 10 regional palaeovegetation on the Palaeo-Agulhas Plain. Quaternary Science Reviews, 2020, 235, 106201.	3.0	10
121	Historical Tropical Forest Reliance amongst the Wanniyalaeto (Vedda) of Sri Lanka: an Isotopic Perspective. Human Ecology, 2018, 46, 435-444.	1.4	9
122	Bulk and intraâ€tooth enamel stable isotopes of waterbuck Kobus ellipsiprymnus from Queen Elizabeth National Park, Uganda. African Journal of Ecology, 2008, 46, 697-701.	0.9	8
123	Dating human occupation and adaptation in the southern European last glacial refuge: The chronostratigraphy of Grotta del Romito (Italy). Quaternary Science Reviews, 2018, 184, 5-25.	3.0	8
124	Fluorescence screening of collagen preservation in tooth dentine. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 532, 109249.	2.3	8
125	Stable isotopes reveal intensive pig husbandry practices in the middle Yellow River region by the Yangshao period (7000â€“5000 BP). PLoS ONE, 2021, 16, e0257524.	2.5	7
126	The dietary ecology of the extinct springbok Antidorcas bondi. Quaternary International, 2018, 495, 136-143.	1.5	5

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127	Isotopic evidence for changing mobility and landscape use patterns between the Neolithic and Early Bronze Age in western Ireland. Journal of Archaeological Science: Reports, 2020, 30, 102214.	0.5	5
128	Stable isotope characterisation of mammalian predatorâ€“prey relationships in a South African savanna. European Journal of Wildlife Research, 2007, 53, 161.	1.4	5
129	Life histories at stone age Zvejnieki based on stable isotope profiles of tooth dentine. Journal of Archaeological Science: Reports, 2022, 44, 103496.	0.5	4
130	Reply to Fontes-Villalba et al.: On a reluctance to conjecture about animal food consumption. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4056.	7.1	3
131	The potential of marine bivalve Spisula sachalinensis as a marine temperature record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 582, 110634.	2.3	2
132	A stable isotope perspective on archaeological agricultural variability and Neolithic experimentation in India. Journal of Archaeological Science, 2022, 141, 105591.	2.4	2
133	Micromilling vs hand drilling in stable isotope analyses of incremental carbonates: The potential for Î´¹³C contamination by embedding resin. Rapid Communications in Mass Spectrometry, 2022, 36, e9318.	1.5	2
134	Amber finds from Table Bay. International Journal of Nautical Archaeology, 1991, 20, 247-249.	0.5	0