

Tamsin O'Connell

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

5,583
citations

136950

32
h-index

88630

70
g-index

72
all docs

72
docs citations

72
times ranked

4989
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen turnover in the adult femoral mid-shaft: Modeled from anthropogenic radiocarbon tracer measurements. <i>American Journal of Physical Anthropology</i> , 2007, 133, 808-816.	2.1	755
2	Nitrogen balance and $\delta^{15}\text{N}$: why you're not what you eat during nutritional stress. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2497-2506.	1.5	428
3	The diet-body offset in human nitrogen isotopic values: A controlled dietary study. <i>American Journal of Physical Anthropology</i> , 2012, 149, 426-434.	2.1	330
4	Isotopic Comparison of Hair, Nail and Bone: Modern Analyses. <i>Journal of Archaeological Science</i> , 2001, 28, 1247-1255.	2.4	290
5	Nitrogen balance and $\delta^{15}\text{N}$: why you're not what you eat during pregnancy. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2889-2896.	1.5	288
6	Ancient Hybridization and an Irish Origin for the Modern Polar Bear Matriline. <i>Current Biology</i> , 2011, 21, 1251-1258.	3.9	257
7	Documenting the diet in ancient human populations through stable isotope analysis of hair. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 65-76.	4.0	197
8	Stable Isotope Analysis of Human and Faunal Remains from the Anglo-Saxon Cemetery at Berinsfield, Oxfordshire: Dietary and Social Implications. <i>Journal of Archaeological Science</i> , 2002, 29, 779-790.	2.4	167
9	Interpreting the expansion of sea fishing in medieval Europe using stable isotope analysis of archaeological cod bones. <i>Journal of Archaeological Science</i> , 2011, 38, 1516-1524.	2.4	153
10	On the Use of Biomineral Oxygen Isotope Data to Identify Human Migrants in the Archaeological Record: Intra-Sample Variation, Statistical Methods and Geographical Considerations. <i>PLoS ONE</i> , 2016, 11, e0153850.	2.5	151
11	Isotopic Comparison of Hair and Bone: Archaeological Analyses. <i>Journal of Archaeological Science</i> , 1999, 26, 661-665.	2.4	146
12	Ancient mitochondrial DNA from hair. <i>Current Biology</i> , 2004, 14, R463-R464.	3.9	143
13	Ancient human parallel lineages within North America contributed to a coastal expansion. <i>Science</i> , 2018, 360, 1024-1027.	12.6	138
14	$\delta^{15}\text{N}$ Trophic and $\delta^{15}\text{N}$ source amino acids in trophic estimation: a likely metabolic explanation. <i>Oecologia</i> , 2017, 184, 317-326.	2.0	131
15	The distinction between freshwater- and terrestrial-based diets: methodological concerns and archaeological applications of sulphur stable isotope analysis. <i>Journal of Archaeological Science</i> , 2007, 34, 1197-1204.	2.4	126
16	Hydrogen isotope ratios in animal body protein reflect trophic level. <i>Journal of Animal Ecology</i> , 2005, 74, 877-881.	2.8	122
17	Sex-specific foraging strategies and resource partitioning in the southern elephant seal (<i>Mirounga</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	2.6	120
18	Stable isotopic evidence for diet at the Imperial Roman coastal site of Velia (1st and 2nd Centuries AD) in Southern Italy. <i>American Journal of Physical Anthropology</i> , 2009, 139, 572-583.	2.1	120

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19	Transatlantic slavery: Isotopic evidence for forced migration to Barbados. <i>American Journal of Physical Anthropology</i> , 2009, 139, 547-557.	2.1	111
20	Diet and mobility in Early Medieval Bavaria: A study of carbon and nitrogen stable isotopes. <i>American Journal of Physical Anthropology</i> , 2010, 143, 235-249.	2.1	98
21	The earliest evidence of millet as a staple crop: New light on neolithic foodways in North China. <i>American Journal of Physical Anthropology</i> , 2012, 149, 283-290.	2.1	95
22	New chronology for Ksar Akil (Lebanon) supports Levantine route of modern human dispersal into Europe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7683-7688.	7.1	93
23	From necessity to choice: dietary revolutions in west China in the second millennium BC. <i>World Archaeology</i> , 2014, 46, 661-680.	1.1	82
24	The Signs of Maize? A Reconsideration of What $\delta^{13}C$ Values Say about Palaeodiet in the Andean Region. <i>Human Ecology</i> , 2012, 40, 487-509.	1.4	64
25	Water-related occupations and diet in two Roman coastal communities (Italy, first to third century) prevalence. <i>American Journal of Physical Anthropology</i> , 2010, 142, 355-366.	2.1	55
26	Stable Isotope Evidence for Late Medieval (14th-15th C) Origins of the Eastern Baltic Cod (<i>Gadus</i>)	2.5	54
27	The omnivorous Tyrolean Iceman: colon contents (meat, cereals, pollen, moss and whipworm) and stable isotope analyses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 1843-1849.	4.0	48
28	Carbon and nitrogen isotopic ratios of urine and faeces as novel nutritional biomarkers of meat and fish intake. <i>European Journal of Nutrition</i> , 2013, 52, 389-395.	3.9	46
29	Intra-tooth oxygen isotope variation in a known population of red deer: Implications for past climate and seasonality reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 301, 64-74.	2.3	40
30	Quantification and propagation of errors when converting vertebrate biomineral oxygen isotope data to temperature for palaeoclimate reconstruction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 412, 99-107.	2.3	39
31	Serum carbon and nitrogen stable isotopes as potential biomarkers of dietary intake and their relation with incident type 2 diabetes: the EPIC-Norfolk study. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 708-718.	4.7	38
32	Radiocarbon and stable isotope investigations at the Central Rhineland sites of Innisdorf and Andernach-Martinsberg, Germany. <i>Journal of Human Evolution</i> , 2009, 57, 131-148.	2.6	37
33	Oxygen isotope signatures from land snail (<i>Helix melanostoma</i>) shells and body fluid: Proxies for reconstructing Mediterranean and North African rainfall. <i>Chemical Geology</i> , 2015, 409, 87-98.	3.3	35
34	Finding Britain's last hunter-gatherers: A new biomolecular approach to 'unidentifiable' bone fragments utilising bone collagen. <i>Journal of Archaeological Science</i> , 2016, 73, 55-61.	2.4	33
35	The globalization of naval provisioning: ancient DNA and stable isotope analyses of stored cod from the wreck of the <i>Mary Rose</i> , AD 1545. <i>Royal Society Open Science</i> , 2015, 2, 150199.	2.4	31
36	A flock of sheep, goats and cattle: ancient DNA analysis reveals complexities of historical parchment manufacture. <i>Journal of Archaeological Science</i> , 2010, 37, 1317-1325.	2.4	29

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37	East Anglian early Neolithic monument burial linked to contemporary Megaliths. <i>Annals of Human Biology</i> , 2019, 46, 145-149.	1.0	28
38	Ecological globalisation, serial depletion and the medieval trade of walrus rostra. <i>Quaternary Science Reviews</i> , 2020, 229, 106122.	3.0	28
39	Early Holocene ritual complexity in South America: the archaeological record of Lapa do Santo (east-central Brazil). <i>Antiquity</i> , 2016, 90, 1454-1473.	1.0	27
40	The End of Empire: New Radiocarbon Dates from the Ayacucho Valley, Peru, and their Implications for the Collapse of the Wari State. <i>Radiocarbon</i> , 2007, 49, 579-592.	1.8	25
41	Metals and millets: Bronze and Iron Age diet in inland and coastal Croatia seen through stable isotope analysis. <i>Archaeological and Anthropological Sciences</i> , 2015, 7, 375-386.	1.8	25
42	New evidence for subsistence strategies of late pre-colonial societies of the mouth of the Amazon based on carbon and nitrogen isotopic data. <i>Quaternary International</i> , 2017, 448, 139-149.	1.5	24
43	AN INVESTIGATION INTO DIET AT THE SITE OF YARNTON, OXFORDSHIRE, USING STABLE CARBON AND NITROGEN ISOTOPES. <i>Oxford Journal of Archaeology</i> , 2009, 28, 301-322.	0.4	22
44	Differential Relations Between Cognition and ¹⁵ N Isotopic Content of Hair in Elderly People With Dementia and Controls. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2002, 57, M797-M802.	3.6	21
45	Palaeoenvironmental and chronological investigations of the Magdalenian sites of Goyet Cave and Trou de Chaleux (Belgium), via stable isotope and radiocarbon analyses of horse skeletal remains. <i>Journal of Archaeological Science</i> , 2009, 36, 653-662.	2.4	19
46	Tooth enamel sampling strategies for stable isotope analysis: Potential problems in cross-method data comparisons. <i>Chemical Geology</i> , 2015, 404, 126-135.	3.3	19
47	Late Pleistocene/Early Holocene Migratory Behavior of Ungulates Using Isotopic Analysis of Tooth Enamel and Its Effects on Forager Mobility. <i>PLoS ONE</i> , 2016, 11, e0155714.	2.5	18
48	Carbon and nitrogen isotopic variability in foxtail millet (<i>Setaria italica</i>) with watering regime. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8615.	1.5	18
49	Comment on "Ecological niche of Neanderthals from Spy Cave revealed by nitrogen isotopes of individual amino acids in collagen" [J. Hum. Evol. 93 (2016) 82-90]. <i>Journal of Human Evolution</i> , 2018, 117, 53-55.	2.6	17
50	Lipid residues in pottery from the Indus Civilisation in northwest India. <i>Journal of Archaeological Science</i> , 2021, 125, 105291.	2.4	17
51	Investigating climate at the Upper Palaeolithic site of Kraków Spadzista Street (B), Poland, using oxygen isotopes. <i>Quaternary International</i> , 2013, 294, 108-119.	1.5	16
52	Calibrating the time span of longitudinal biomarkers in vertebrate tissues when fine-scale growth records are unavailable. <i>Ecosphere</i> , 2016, 7, e01449.	2.2	16
53	Living and dying at the <i>Portus Romae</i> . <i>Antiquity</i> , 2019, 93, 719-734.	1.0	16
54	Reply to Douka et al.: Critical evaluation of the Ks 'Akil chronologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7035.	7.1	15

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55	Chicken and Egg: Testing the Carbon Isotopic Effects of Carnivory and Herbivory. <i>Archaeometry</i> , 2017, 59, 302-315.	1.3	15
56	Fecal carbon and nitrogen isotopic analysis as an indicator of diet in Kanyawara chimpanzees, Kibale National Park, Uganda. <i>American Journal of Physical Anthropology</i> , 2016, 161, 685-697.	2.1	13
57	Red deer bone and antler collagen are not isotopically equivalent in carbon and nitrogen. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1969-1984.	1.5	13
58	Pleistocene and Holocene palaeoclimates in the Gebel Akhdar (Libya) estimated using herbivore tooth enamel oxygen isotope compositions. <i>Quaternary International</i> , 2016, 404, 150-162.	1.5	12
59	Carbon and nitrogen isotopic signatures of hair, nail, and breath from tropical African human populations. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1761-1773.	1.5	9
60	Diet and Lifestyle in the First Villages of the Middle Prececeramic: Insights from Stable Isotope and Osteological Analyses of Human Remains from Paloma, Chilca I, La Yerba III, and Morro I. <i>Latin American Antiquity</i> , 2021, 32, 741-759.	0.6	9
61	Subsistence and mobility strategies in the Epipalaeolithic: a stable isotope analysis of human and faunal remains at 'Uyun al-Hammam, northern Jordan. <i>Journal of Archaeological Science</i> , 2012, 39, 1984-1992.	2.4	8
62	Dating the Dead: New Radiocarbon Dates from the Lower Ica Valley, South Coast Peru. <i>Radiocarbon</i> , 2015, 57, 765-773.	1.8	8
63	Increased climate seasonality during the late glacial in the Gebel Akhdar, Libya. <i>Quaternary Science Reviews</i> , 2018, 192, 225-235.	3.0	7
64	Crop water status from plant stable carbon isotope values: A test case for monsoonal climates. <i>Holocene</i> , 2021, 31, 993-1004.	1.7	7
65	Rough Diamond: A Carbon Isotopic Biomarker of Added Sugar Intake. <i>Journal of Nutrition</i> , 2020, 150, 2615-2616.	2.9	6
66	Pleistocene and Holocene herbivore diets and palaeoenvironments in the Gebel Akhdar (Libya): Implications for past human populations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 62-78.	2.3	4
67	Year-round shellfish exploitation in the Levant and implications for Upper Palaeolithic hunter-gatherer subsistence. <i>Journal of Archaeological Science: Reports</i> , 2018, 21, 1198-1214.	0.5	4
68	Diet: Recent Evidence from Analytical Chemical Techniques. , 2011, , .		3
69	Sea, sickness and cautionary tales: a multi-isotope study from a post-mediaeval hospital at the city-port of Gibraltar (AD 1462-1704). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	2
70	Reply to KJ Petzke. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 688.	4.7	1
71	Comment on EllegÅ¸rd etÅ¸al. <i>Clinical Nutrition</i> 2019 - Distinguishing vegan-, vegetarian-, and omnivorous diets by hair isotopic analysis. <i>Clinical Nutrition</i> , 2021, 40, 4912-4913.	5.0	1
72	Human Mobility and Identity. , 2019, , 134-161.		0