Tamsin O'Connell

List of Publications by Year
in descending order

72 papers	5,583 citations	136740 32 h-index	88477 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. American Journal of Physical Anthropology, 2007, 133, 808-816.	2.1	755
2	Nitrogen balance andÎ´15N: why you're not what you eat during nutritional stress. Rapid Communications in Mass Spectrometry, 2005, 19, 2497-2506.	0.7	428
3	The dietâ€body offset in human nitrogen isotopic values: A controlled dietary study. American Journal of Physical Anthropology, 2012, 149, 426-434.	2.1	330
4	Isotopic Comparison of Hair, Nail and Bone: Modern Analyses. Journal of Archaeological Science, 2001, 28, 1247-1255.	1.2	290
5	Nitrogen balance and?15N: why you're not what you eat during pregnancy. Rapid Communications in Mass Spectrometry, 2004, 18, 2889-2896.	0.7	288
6	Ancient Hybridization and an Irish Origin for the Modern Polar Bear Matriline. Current Biology, 2011, 21, 1251-1258.	1.8	257
7	Documenting the diet in ancient human populations through stable isotope analysis of hair. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 65-76.	1.8	197
8	Stable Isotope Analysis of Human and Faunal Remains from the Anglo-Saxon Cemetery at Berinsfield, Oxfordshire: Dietary and Social Implications. Journal of Archaeological Science, 2002, 29, 779-790.	1.2	167
9	Interpreting the expansion of sea fishing in medieval Europe using stable isotope analysis of archaeological cod bones. Journal of Archaeological Science, 2011, 38, 1516-1524.	1.2	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. PLoS ONE, 2016, 11, e0153850.	1.1	151
11	Isotopic Comparison of Hair and Bone: Archaeological Analyses. Journal of Archaeological Science, 1999, 26, 661-665.	1.2	146
12	Ancient mitochondrial DNA from hair. Current Biology, 2004, 14, R463-R464.	1.8	143
13	Ancient human parallel lineages within North America contributed to a coastal expansion. Science, 2018, 360, 1024-1027.	6.0	138
14	â€˜Trophicâ€™ and â€˜sourceâ€™ amino acids in trophic estimation: a likely metabolic explanation. Oecologia, 2017, 184, 317-326.	0.9	131
15	The distinction between freshwater- and terrestrial-based diets: methodological concerns and archaeological applications of sulphur stable isotope analysis. Journal of Archaeological Science, 2007, 34, 1197-1204.	1.2	126
16	Hydrogen isotope ratios in animal body protein reflect trophic level. Journal of Animal Ecology, 2005, 74, 877-881.	1.3	122
17	Sex-specific foraging strategies and resource partitioning in the southern elephant seal (Mirounga) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	120
18	Stable isotopic evidence for diet at the Imperial Roman coastal site of Velia (1st and 2nd Centuries AD) in Southern Italy. American Journal of Physical Anthropology, 2009, 139, 572-583.	2.1	120

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19	Transâ€Atlantic slavery: Isotopic evidence for forced migration to Barbados. American Journal of Physical Anthropology, 2009, 139, 547-557.	2.1	111
20	Diet and mobility in Early Medieval Bavaria: A study of carbon and nitrogen stable isotopes. American Journal of Physical Anthropology, 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. American Journal of Physical Anthropology, 2012, 149, 283-290.	2.1	95
22	New chronology for KsÃ¢r â€˜Akil (Lebanon) supports Levantine route of modern human dispersal into Europe. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7683-7688.	3.3	93
23	From necessity to choice: dietary revolutions in west China in the second millennium BC. World Archaeology, 2014, 46, 661-680.	0.5	82
24	The Signs of Maize? A Reconsideration of What Î´13C Values Say about Palaeodiet in the Andean Region. Human Ecology, 2012, 40, 487-509.	0.7	64
25	Waterâ€related occupations and diet in two Roman coastal communities (Italy, first to third century) Tj ETQq1 1 0.784314 rgBT /Ove prevalence. American Journal of Physical Anthropology, 2010, 142, 355-366.	2.1	55
26	Stable Isotope Evidence for Late Medieval (14thâ€“15th C) Origins of the Eastern Baltic Cod (Gadus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	54
27	The omnivorous Tyrolean Iceman: colon contents (meat, cereals, pollen, moss and whipworm) and stable isotope analyses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2000, 355, 1843-1849.	1.8	48
28	Carbon and nitrogen isotopic ratios of urine and faeces as novel nutritional biomarkers of meat and fish intake. European Journal of Nutrition, 2013, 52, 389-395.	1.8	46
29	Intra-tooth oxygen isotope variation in a known population of red deer: Implications for past climate and seasonality reconstructions. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 301, 64-74.	1.0	40
30	Quantification and propagation of errors when converting vertebrate biomineral oxygen isotope data to temperature for palaeoclimate reconstruction. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 412, 99-107.	1.0	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. American Journal of Clinical Nutrition, 2014, 100, 708-718.	2.2	38
32	Radiocarbon and stable isotope investigations at the Central Rhineland sites of GÃ¶nnersdorf and Andernach-Martinsberg, Germany. Journal of Human Evolution, 2009, 57, 131-148.	1.3	37
33	Oxygen isotope signatures from land snail (Helix melanostoma) shells and body fluid: Proxies for reconstructing Mediterranean and North African rainfall. Chemical Geology, 2015, 409, 87-98.	1.4	35
34	Finding Britain's last hunter-gatherers: A new biomolecular approach to â€˜unidentifiableâ€™ bone fragments utilising bone collagen. Journal of Archaeological Science, 2016, 73, 55-61.	1.2	33
35	The globalization of naval provisioning: ancient DNA and stable isotope analyses of stored cod from the wreck of the Mary Rose, AD 1545. Royal Society Open Science, 2015, 2, 150199.	1.1	31
36	A flock of sheep, goats and cattle: ancient DNA analysis reveals complexities of historical parchment manufacture. Journal of Archaeological Science, 2010, 37, 1317-1325.	1.2	29

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37	East Anglian early Neolithic monument burial linked to contemporary Megaliths. Annals of Human Biology, 2019, 46, 145-149.	0.4	28
38	Ecological globalisation, serial depletion and the medieval trade of walrus rostra. Quaternary Science Reviews, 2020, 229, 106122.	1.4	28
39	Early Holocene ritual complexity in South America: the archaeological record of Lapa do Santo (east-central Brazil). Antiquity, 2016, 90, 1454-1473.	0.5	27
40	The End of Empire: New Radiocarbon Dates from the Ayacucho Valley, Peru, and their Implications for the Collapse of the Wari State. Radiocarbon, 2007, 49, 579-592.	0.8	25
41	Metals and millets: Bronze and Iron Age diet in inland and coastal Croatia seen through stable isotope analysis. Archaeological and Anthropological Sciences, 2015, 7, 375-386.	0.7	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. Quaternary International, 2017, 448, 139-149.	0.7	24
43	AN INVESTIGATION INTO DIET AT THE SITE OF YARNTON, OXFORDSHIRE, USING STABLE CARBON AND NITROGEN ISOTOPES. Oxford Journal of Archaeology, 2009, 28, 301-322.	0.3	22
44	Differential Relations Between Cognition and 15N Isotopic Content of Hair in Elderly People With Dementia and Controls. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2002, 57, M797-M802.	1.7	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. Journal of Archaeological Science, 2009, 36, 653-662.	1.2	19
46	Tooth enamel sampling strategies for stable isotope analysis: Potential problems in cross-method data comparisons. Chemical Geology, 2015, 404, 126-135.	1.4	19
47	Late Pleistocene/Early Holocene Migratory Behavior of Ungulates Using Isotopic Analysis of Tooth Enamel and Its Effects on Forager Mobility. PLoS ONE, 2016, 11, e0155714.	1.1	18
48	Carbon and nitrogen isotopic variability in foxtail millet (<scp>Setaria italica</scp>) with watering regime. Rapid Communications in Mass Spectrometry, 2020, 34, e8615.	0.7	18
49	Comment on â€œEcological niche of Neanderthals from Spy Cave revealed by nitrogen isotopes of individual amino acids in collagenâ€•[J. Hum. Evol. 93 (2016) 82â€“90]. Journal of Human Evolution, 2018, 117, 53-55.	1.3	17
50	Lipid residues in pottery from the Indus Civilisation in northwest India. Journal of Archaeological Science, 2021, 125, 105291.	1.2	17
51	Investigating climate at the Upper Palaeolithic site of KrakÃ³w Spadzista Street (B), Poland, using oxygen isotopes. Quaternary International, 2013, 294, 108-119.	0.7	16
52	Calibrating the time span of longitudinal biomarkers in vertebrate tissues when fineâ€scale growth records are unavailable. Ecosphere, 2016, 7, e01449.	1.0	16
53	Living and dying at thePortus Romae. Antiquity, 2019, 93, 719-734.	0.5	16
54	Reply to Douka et al.: Critical evaluation of the KsÃ¢r 'Akil chronologies. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7035.	3.3	15

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55	Chicken and Egg: Testing the Carbon Isotopic Effects of Carnivory and Herbivory. Archaeometry, 2017, 59, 302-315.	0.6	15
56	Fecal carbon and nitrogen isotopic analysis as an indicator of diet in Kanyawara chimpanzees, Kibale National Park, Uganda. American Journal of Physical Anthropology, 2016, 161, 685-697.	2.1	13
57	Red deer bone and antler collagen are not isotopically equivalent in carbon and nitrogen. Rapid Communications in Mass Spectrometry, 2016, 30, 1969-1984.	0.7	13
58	Pleistocene and Holocene palaeoclimates in the Gebel Akhdar (Libya) estimated using herbivore tooth enamel oxygen isotope compositions. Quaternary International, 2016, 404, 150-162.	0.7	12
59	Carbon and nitrogen isotopic signatures of hair, nail, and breath from tropical African human populations. Rapid Communications in Mass Spectrometry, 2019, 33, 1761-1773.	0.7	9
60	Diet and Lifestyle in the First Villages of the Middle Preceramic: Insights from Stable Isotope and Osteological Analyses of Human Remains from Paloma, Chilca I, La Yerba III, and Morro I. Latin American Antiquity, 2021, 32, 741-759.	0.3	9
61	Subsistence and mobility strategies in the Epipalaeolithic: a stable isotope analysis of human and faunal remains at 'Uyun al-Hammam, northern Jordan. Journal of Archaeological Science, 2012, 39, 1984-1992.	1.2	8
62	Dating the Dead: New Radiocarbon Dates from the Lower Ica Valley, South Coast Peru. Radiocarbon, 2015, 57, 765-773.	0.8	8
63	Increased climate seasonality during the late glacial in the Gebel Akhdar, Libya. Quaternary Science Reviews, 2018, 192, 225-235.	1.4	7
64	Crop water status from plant stable carbon isotope values: A test case for monsoonal climates. Holocene, 2021, 31, 993-1004.	0.9	7
65	Rough Diamond: A Carbon Isotopic Biomarker of Added Sugar Intake. Journal of Nutrition, 2020, 150, 2615-2616.	1.3	6
66	Pleistocene and Holocene herbivore diets and palaeoenvironments in the Gebel Akhdar (Libya): Implications for past human populations. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 449, 62-78.	1.0	4
67	Year-round shellfish exploitation in the Levant and implications for Upper Palaeolithic hunter-gatherer subsistence. Journal of Archaeological Science: Reports, 2018, 21, 1198-1214.	0.2	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 1462â€“1704). Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	2
70	Reply to KJ Petzke. American Journal of Clinical Nutrition, 2015, 101, 688.	2.2	1
71	Comment on EllegÃ¥rd etÂal. Clinical Nutrition 2019 â€œDistinguishing vegan-, vegetarian-, and omnivorous diets by hair isotopic analysisâ€• Clinical Nutrition, 2021, 40, 4912-4913.	2.3	1
72	Human Mobility and Identity. , 2019, , 134-161.		0