

Antoine Zazzo

List of Publications by Year in descending order

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88
papers

4,633
citations

117625

34
h-index

102487

66
g-index

91
all docs

91
docs citations

91
times ranked

4215
citing authors

#	ARTICLE	IF	CITATIONS
1	A new hominid from the Upper Miocene of Chad, Central Africa. <i>Nature</i> , 2002, 418, 145-151.	27.8	937
2	Geology and palaeontology of the Upper Miocene Toros-Menalla hominid locality, Chad. <i>Nature</i> , 2002, 418, 152-155.	27.8	426
3	Experimentally-controlled carbon and oxygen isotope exchange between bioapatites and water under inorganic and microbially-mediated conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1-12.	3.9	227
4	Diagenesis and the reconstruction of paleoenvironments: A method to restore original $\delta^{18}\text{O}$ values of carbonate and phosphate from fossil tooth enamel. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 2245-2258.	3.9	153
5	High-resolution $\delta^{13}\text{C}$ intratooth profiles in bovine enamel: Implications for mineralization pattern and isotopic attenuation. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 3631-3642.	3.9	133
6	Herbivore paleodiet and paleoenvironmental changes in Chad during the Pliocene using stable isotope ratios of tooth enamel carbonate. <i>Paleobiology</i> , 2000, 26, 294-309.	2.0	125
7	First wave of cultivators spread to Cyprus at least 10,600 y ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8445-8449.	7.1	125
8	Radiocarbon dating of biological apatites: A review. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 310, 52-61.	2.3	123
9	The isotope record of short- and long-term dietary changes in sheep tooth enamel: Implications for quantitative reconstruction of paleodiets. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 3571-3586.	3.9	118
10	Contrasting Cu, Fe, and Zn isotopic patterns in organs and body fluids of mice and sheep, with emphasis on cellular fractionation. <i>Metallomics</i> , 2013, 5, 1470.	2.4	111
11	Sulphur isotopes in animal hair track distance to sea. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2371-2378.	1.5	95
12	Pre-Neolithic wild boar management and introduction to Cyprus more than 11,400 years ago. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16135-16138.	7.1	94
13	Rapid Quantification of Bone Collagen Content by ATR-FTIR Spectroscopy. <i>Radiocarbon</i> , 2016, 58, 131-145.	1.8	85
14	Diets of modern and late Miocene hippopotamids: Evidence from carbon isotope composition and micro-wear of tooth enamel. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 221, 153-174.	2.3	80
15	Bone and enamel carbonate diagenesis: A radiocarbon prospective. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 168-178.	2.3	72
16	Intra-tooth isotope variations in late Miocene bovid enamel from Afghanistan: paleobiological, taphonomic, and climatic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 186, 145-161.	2.3	71
17	A refined sampling strategy for intra-tooth stable isotope analysis of mammalian enamel. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 84, 1-13.	3.9	68
18	Strontium isotope analysis on cremated human remains from Stonehenge support links with west Wales. <i>Scientific Reports</i> , 2018, 8, 10790.	3.3	66

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19	The reconstruction of mammal individual history: refining high-resolution isotope record in bovine tooth dentine. <i>Journal of Archaeological Science</i> , 2006, 33, 1177-1187.	2.4	65
20	Bodily variability of zinc natural isotope abundances in sheep. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 605-612.	1.5	61
21	Biases in the analysis of stable isotope discrimination in food webs. <i>Journal of Applied Ecology</i> , 2010, 47, 936-941.	4.0	61
22	Oxygen and strontium isotopes as provenance indicators of fish at archaeological sites: the case study of Sagalassos, SW Turkey. <i>Journal of Archaeological Science</i> , 2007, 34, 1226-1239.	2.4	60
23	Radiocarbon Dating of Calcined Bones: Where Does the Carbon Come from?. <i>Radiocarbon</i> , 2009, 51, 601-611.	1.8	57
24	Bovid paleoecology and paleoenvironments from the Late Miocene of Bulgaria: Evidence from dental microwear and stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 637-654.	2.3	53
25	Radiocarbon Dating of Calcined Bones: Insights from Combustion Experiments Under Natural Conditions. <i>Radiocarbon</i> , 2012, 54, 855-866.	1.8	50
26	Impact of heating conditions on the carbon and oxygen isotope composition of calcined bone. <i>Journal of Archaeological Science</i> , 2016, 65, 32-43.	2.4	50
27	Tracking the Near Eastern origins and European dispersal of the western house mouse. <i>Scientific Reports</i> , 2020, 10, 8276.	3.3	47
28	Turnover of carbon, nitrogen, and sulfur in bovine longissimus dorsi and psoas major muscles: Implications for isotopic authentication of meat1. <i>Journal of Animal Science</i> , 2009, 87, 905-913.	0.5	44
29	Screening in situ bone and teeth preservation by ATR-FTIR mapping. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 110-119.	2.3	43
30	Variability of bone preservation in a confined environment: The case of the catacomb of Sts Peter and Marcellinus (Rome, Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 416, 43-54.	2.3	42
31	Experimental determination of dietary carbon turnover in bovine hair and hoof. <i>Canadian Journal of Zoology</i> , 2007, 85, 1239-1248.	1.0	41
32	Exponentially decreasing tooth growth rate in horse teeth: implications for isotopic analyses. <i>Archaeometry</i> , 2015, 57, 1104-1124.	1.3	41
33	Life history reconstruction of modern and fossil sockeye salmon (<i>Oncorhynchus nerka</i>) by oxygen isotopic analysis of otoliths, vertebrae, and teeth: Implication for paleoenvironmental reconstructions. <i>Earth and Planetary Science Letters</i> , 2006, 249, 200-215.	4.4	37
34	Palaeobiology of an extinct Ice Age mammal: Stable isotope and cementum analysis of giant deer teeth. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 282, 133-144.	2.3	36
35	The emergence of the Neolithic in North Africa: A new model for the Eastern Maghreb. <i>Quaternary International</i> , 2016, 410, 123-143.	1.5	36
36	Collagen Extraction and Stable Isotope Analysis of Small Vertebrate Bones: A Comparative Approach. <i>Radiocarbon</i> , 2017, 59, 679-694.	1.8	35

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37	Effect of age and food intake on dietary carbon turnover recorded in sheep wool. Rapid Communications in Mass Spectrometry, 2008, 22, 2937-2945.	1.5	34
38	Can we Use Calcined Bones for ^{14}C Dating the Paleolithic?. Radiocarbon, 2013, 55, 1409-1421.	1.8	32
39	Diet and mobility in a late neolithic population of coastal oman inferred from radiocarbon dating and stable isotope analysis. American Journal of Physical Anthropology, 2014, 153, 353-364.	2.1	30
40	ESR, U-series and paleomagnetic dating of <i>Gigantopithecus</i> fauna from Chuifeng Cave, Guangxi, southern China. Quaternary Research, 2014, 82, 270-280.	1.7	29
41	Using hooves for high-resolution isotopic reconstruction of bovine dietary history. Rapid Communications in Mass Spectrometry, 2007, 21, 479-486.	1.5	26
42	Isotopic composition of sheep wool records seasonality of climate and diet. Rapid Communications in Mass Spectrometry, 2015, 29, 1357-1369.	1.5	25
43	A Revised Radiocarbon Chronology of the Aceramic Shell Midden of Ra TM s Al-Hamra 6 (Muscat,) Tj ETQq1 1 0.784314 rgBT /Overlock Mobility. Radiocarbon, 2016, 58, 383-395.	1.8	25
44	First preliminary evidence for basketry and nut consumption in the Capsian culture (ca.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (1 Anthropological Archaeology, 2015, 37, 128-139.	1.6	24
45	Variability in the marine radiocarbon reservoir effect in Muscat (Sultanate of Oman) during the 4th millennium BC: reflection of taphonomy or environment?. Journal of Archaeological Science, 2012, 39, 2559-2567.	2.4	23
46	Direct Dating and Physico-Chemical Analyses Cast Doubts on the Coexistence of Humans and Dwarf Hippos in Cyprus. PLoS ONE, 2015, 10, e0134429.	2.5	23
47	Les tumulus $\tilde{\text{A}}$ couloir et enclos de la Tassili du Fadnoun, Tassili Azger (Alg $\tilde{\text{A}}$ rie) : Premi $\tilde{\text{A}}$ res datations par la m $\tilde{\text{A}}$ thode du radiocarbone. Journal of African Archaeology, 2015, 13, 59-70.	0.6	23
48	Pyrolysis comprehensive gas chromatography and mass spectrometry: A new tool to assess the purity of ancient collagen prior to radiocarbon dating. Analytica Chimica Acta, 2018, 1041, 131-145.	5.4	20
49	Discovery of a Mesolithic burial near the painted rock-shelter of Ban Tha Si (Lampang province,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 467 Td (1 127-136.	0.2	19
50	Discovery of an outstanding Hoabinhian site from the Late Pleistocene at Doi Pha Kan (Lampang) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (1 0.7	0.7	19
51	A first absolute chronology for Late Neolithic to Early Bronze Age Myanmar: new AMS ^{14}C dates from Nyaung'gan and Oakaie. Antiquity, 2018, 92, 690-708.	1.0	18
52	High-precision dating of ceremonial activity around a large ritual complex in Late Bronze Age Mongolia. Antiquity, 2019, 93, 80-98.	1.0	17
53	Palaeoproteomics gives new insight into early southern African pastoralism. Scientific Reports, 2020, 10, 14427.	3.3	17
54	9000 years of human lakeside adaptation in the Ethiopian Afar: Fisher-foragers and the first pastoralists in the Lake Abhe basin during the African Humid Period. Quaternary Science Reviews, 2020, 243, 106459.	3.0	15

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55	Identification of degraded bone and tooth splinters from arid environments using palaeoproteomics. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 472-482.	2.3	14
56	Direct ¹⁴ C Dating of Early and Mid-Holocene Saharan Pottery. <i>Radiocarbon</i> , 2013, 55, 1391-1402.	1.8	13
57	Animal fibre use in the Keriya valley (Xinjiang, China) during the Bronze and Iron Ages: A proteomic approach. <i>Journal of Archaeological Science</i> , 2019, 110, 104996.	2.4	13
58	New Bioarchaeological Evidence and Radiocarbon Dates from the Lambayeque/Sicán Culture Camelids from the El Brujo Complex (Northern Coast of Peru): Implications for Funerary and Herd Management Practices. <i>Environmental Archaeology</i> , 2020, 25, 333-352.	1.2	13
59	Marking the sacral landscape of a north Arabian oasis: a sixth-millennium BC monumental stone platform and surrounding burials. <i>Antiquity</i> , 2020, 94, 601-621.	1.0	13
60	New insights on the first Neolithic societies in the Horn of Africa: The site of Wakrita, Djibouti. <i>Journal of Field Archaeology</i> , 2015, 40, 55-68.	1.3	12
61	Utilization of Sugarcane Habitat by Feral Pig (<i>Sus scrofa</i>) in Northern Tropical Queensland: Evidence from the Stable Isotope Composition of Hair. <i>PLoS ONE</i> , 2012, 7, e43538.	2.5	12
62	Three-dimensional growth of bovine hoof as recorded by carbon stable isotope ratios. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3971-3976.	1.5	11
63	The perforated stones of the Doi Pha Kan burials (Northern Thailand): A Mesolithic singularity?. <i>Comptes Rendus - Palevol</i> , 2017, 16, 351-361.	0.2	11
64	The radiocarbon age of mycoheterotrophic plants. <i>New Phytologist</i> , 2020, 227, 1284-1288.	7.3	10
65	Toward a versatile protocol for radiocarbon and proteomics analysis of ancient collagen. <i>Journal of Archaeological Science</i> , 2019, 101, 1-10.	2.4	8
66	Untangling the fibre ball: Proteomic characterization of South American camelid hair fibres by untargeted multivariate analysis and molecular networking. <i>Journal of Proteomics</i> , 2021, 231, 104040.	2.4	8
67	De l'utilisation des isotopes stables du carbone dans la datation par la méthode du radiocarbone. <i>Anthropologie</i> , 2014, 118, 194-200.	0.4	7
68	Moulin Quignon: la redécouverte d'un site. <i>Anthropologie</i> , 2016, 120, 428-438.	0.4	7
69	Postglacial recolonization and Holocene diversification of <i>Crocidura suaveolens</i> (Mammalia). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i> 190, 1-10.	3.0	6
70	Customs, rites, and sacrifices relating to a mortuary complex in Late Bronze Age Mongolia (Tsatsyn). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> 0.5	0.5	6
71	DATING THE MYANMAR BRONZE AGE: PRELIMINARY ¹⁴ C DATES FROM THE OAKAIE 1 CEMETERY NEAR NYAUNGGAN. <i>Journal of Indo-Pacific Archaeology</i> , 0, 39, 38.	0.0	6
72	The End of a Hundred-Year-Old Archaeological Riddle: First Dating of the Columns Tomb of Kumbi Saleh (Mauritania). <i>Radiocarbon</i> , 2015, 57, 65-75.	1.8	5

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73	Geochemical identity of pre-Dogon and Dogon populations at Bandiagara (Mali, 11th–20th cent. AD). <i>Journal of Archaeological Science: Reports</i> , 2017, 14, 289-301.	0.5	5
74	Detecting stratigraphical issues using direct radiocarbon dating from small mammal remains. <i>Journal of Quaternary Science</i> , 2020, 35, 505-513.	2.1	5
75	Isotopic evidence for changing mobility and landscape use patterns between the Neolithic and Early Bronze Age in western Ireland. <i>Journal of Archaeological Science: Reports</i> , 2020, 30, 102214.	0.5	5
76	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.	3.0	5
77	Can we identify the Mexican hairless dog in the archaeological record? Morphological and genetic insights from Tizayuca, Basin of Mexico. <i>Journal of Archaeological Science</i> , 2018, 98, 128-136.	2.4	4
78	Date of death of domestic caprines assessed by oxygen isotopic analysis of developing molars: Implications for deciphering the calendar of pastoral activities in prehistory. <i>Journal of Archaeological Science</i> , 2020, 120, 105163.	2.4	4
79	Archaeobotanical analysis of food and fuel procurement from Fulayj fort (Oman, 5th-8th c. CE) including the earliest secure evidence for sorghum in Eastern Arabia. <i>Journal of Arid Environments</i> , 2021, 190, 104512.	2.4	4
80	Can We Use Calcined Bones for Radiocarbon Dating the Paleolithic?. <i>Radiocarbon</i> , 2013, 55, .	1.8	3
81	Pompeii AD 79: A Natural Bone Diagenesis Experiment. <i>Radiocarbon</i> , 2017, 59, 647-658.	1.8	3
82	Grazing high and low: Can we detect horse altitudinal mobility using high-resolution isotope ($\delta^{13}C$ and $\delta^{15}N$ values) time series in tail hair? A case study in the Mongolian Altai. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1512-1526.	1.5	3
83	A Macaw (<i>Ara</i> sp.) in a Preceramic Site from the Sabana de Bogotá, Colombia, Dated to the Ninth Millennium cal BP. <i>Latin American Antiquity</i> , 2021, 32, 57-75.	0.6	2
84	Season of death of domestic horses deposited in a ritual complex from Bronze Age Mongolia: Insights from oxygen isotope time-series in tooth enamel. <i>Journal of Archaeological Science: Reports</i> , 2020, 32, 102387.	0.5	2
85	Comment on "Implications of diagenesis for the isotopic analysis of Upper Miocene large mammalian herbivore tooth enamel from Chad" by L. Jacques, N. Ogle, I. Moussa, R. Kalin, P. Vignaud, M. Brunet and H. Bocherens [<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 266 (2008) 200–210]. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 277, 265-268.	2.3	1
86	Jean-François Saliège (1943–2012). <i>Radiocarbon</i> , 2012, 54, xi-xiii.	1.8	0
87	Making clothes, dressing the deceased: Analysis of 2nd century AD silk clothing from the child mummy of Burgast (Altai Mountains, Mongolia). <i>Archaeological Research in Asia</i> , 2022, 29, 100343.	0.7	0
88	Kazakh Variations for Herders and Animals in the Mongolian Altai: Methodological Contributions to the Study of Nomadic Pastoralism. <i>Nomadic Peoples</i> , 2022, 26, 33-60.	0.4	0