Sahra Talamo

List of Publications by Citations

108 papers	13,689 citations	29 h-index	112 g-index
112 ext. papers	16,200 ext. citations	8 avg, IF	5.41 L-index

#	Paper	IF	Citations
108	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â50,000 Years cal BP. *Radiocarbon*, **2009**, 51, 1111-1150	4.6	3790
107	Intcal04 Terrestrial Radiocarbon Age Calibration, 0â26 Cal Kyr BP. *Radiocarbon*, **2004**, 46, 1029-1058	4.6	2911
106	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â55 cal kBP). *Radiocarbon*, **2020**, 62, 725-757	4.6	1233
105	Genetic history of an archaic hominin group from Denisova Cave in Siberia. *Nature*, **2010**, 468, 1053-60	50.4	1169
104	Marine04 Marine Radiocarbon Age Calibration, 0â26 Cal Kyr Bp. *Radiocarbon*, **2004**, 46, 1059-1086	4.6	945
103	The genetic history of Ice Age Europe. *Nature*, **2016**, 534, 200-5	50.4	473
102	The genomic history of southeastern Europe. *Nature*, **2018**, 555, 197-203	50.4	287
101	Santorini eruption radiocarbon dated to 1627-1600 B.C. *Science*, **2006**, 312, 548	33.3	249
100	Palaeoproteomic evidence identifies archaic hominins associated with the Châtelperronian at the Grotte du Renne. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 11162-11167	11.5	172
99	Neandertals made the first specialized bone tools in Europe. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 14186-90	11.5	164
98	Radiocarbon dates from the Grotte du Renne and Saint-Césaire support a Neandertal origin for the Châtelperronian. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 18743-8	11.5	154
97	Reconstructing the Deep Population History of Central and South America. *Cell*, **2018**, 175, 1185-1197.e22	36.2	143
96	Reconstructing the genetic history of late Neanderthals. *Nature*, **2018**, 555, 652-656	50.4	138
95	A Common Genetic Origin for Early Farmers from Mediterranean Cardial and Central European LBK Cultures. *Molecular Biology and Evolution*, **2015**, 32, 3132-42	8.3	120
94	Archaeology. The makers of the Protoaurignacian and implications for Neandertal extinction. *Science*, **2015**, 348, 793-6	33.3	119
93	Initial Upper Palaeolithic Homo sapiens from Bacho Kiro Cave, Bulgaria. *Nature*, **2020**, 581, 299-302	50.4	92
92	A Comparison of Bone Pretreatment Methods for AMS Dating of Samples >30,000 BP. *Radiocarbon*, **2011**, 53, 443-449	4.6	86

91	Late Glacial 14C Ages from a Floating, 1382-Ring Pine Chronology. *Radiocarbon*, **2004**, 46, 1203-1209	4.6	83
90	A multi-method luminescence dating of the Palaeolithic sequence of La Ferrassie based on new excavations adjacent to the La Ferrassie 1 and 2 skeletons. *Journal of Archaeological Science*, **2015**, 58, 147-166	2.9	69
89	A radiocarbon chronology for the complete Middle to Upper Palaeolithic transitional sequence of Les Cottés (France). *Journal of Archaeological Science*, **2012**, 39, 175-183	2.9	60
88	Isotope evidence for the use of marine resources in the Eastern Iberian Mesolithic. *Journal of Archaeological Science*, **2014**, 42, 231-240	2.9	56
87	Exceptionally high δ15N values in collagen single amino acids confirm Neandertals as high-trophic level carnivores. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4928-4933	11.5	56
86	Origin and diet of the prehistoric hunter-gatherers on the mediterranean island of Favignana (Egadi Islands, Sicily). *PLoS ONE*, **2012**, 7, e49802	3.7	53
85	Fish and salt: The successful recipe of White Nile Mesolithic hunter-gatherer-fishers. *Journal of Archaeological Science*, **2018**, 92, 48-62	2.9	45
84	Challenging process to make the Lateglacial tree-ring chronologies from Europe absolute â€“ an inventory. *Quaternary Science Reviews*, **2012**, 36, 78-90	3.9	43
83	A C chronology for the Middle to Upper Palaeolithic transition at Bacho Kiro Cave, Bulgaria. *Nature Ecology and Evolution*, **2020**, 4, 794-801	12.3	42
82	Megalithic tombs in western and northern Neolithic Europe were linked to a kindred society. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9469-9474	11.5	41
81	Archaeological evidence for two separate dispersals of Neanderthals into southern Siberia. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 2879-2885	11.5	39
80	Lateglacial environmental variability from Swiss tree rings. *Quaternary Science Reviews*, **2008**, 27, 29-41	3.9	30
79	The Northern Route for Human dispersal in Central and Northeast Asia: New evidence from the site of Tolbor-16, Mongolia. *Scientific Reports*, **2019**, 9, 11759	4.9	29
78	Initial Upper Palaeolithic humans in Europe had recent Neanderthal ancestry. *Nature*, **2021**, 592, 253-257	50.4	29
77	The Radiocarbon Approach to Neanderthals in a Carnivore Den Site: a Well-Defined Chronology for Teixoneres Cave (Moià, Barcelona, Spain). *Radiocarbon*, **2016**, 58, 247-265	4.6	29
76	A combined method for DNA analysis and radiocarbon dating from a single sample. *Scientific Reports*, **2018**, 8, 4127	4.9	28
75	Environmental change during the Allerød and Younger Dryas reconstructed from Swiss tree-ring data. *Boreas*, **2008**, 37, 74-86	2.4	27
74	Strontium and stable isotope evidence of human mobility strategies across the Last Glacial Maximum in southern Italy. *Nature Ecology and Evolution*, **2019**, 3, 905-911	12.3	26

73	The late Pleistocene to Holocene palaeogeographic evolution of the Porto Conte area: Clues for a better understanding of human colonization of Sardinia and faunal dynamics during the last 30 ka. *Quaternary International*, **2017**, 439, 117-140	2	25
72	Radiocarbon calibration uncertainties during the last deglaciation: Insights from new floating tree-ring chronologies. *Quaternary Science Reviews*, **2017**, 170, 98-108	3.9	25
71	Climate-driven environmental changes around 8,200 years ago favoured increases in cetacean strandings and Mediterranean hunter-gatherers exploited them. *Scientific Reports*, **2015**, 5, 16288	4.9	25
70	The Oldest Case of Decapitation in the New World (Lapa do Santo, East-Central Brazil). *PLoS ONE*, **2015**, 10, e0137456	3.7	25
69	14C Record and Wiggle-Match Placement for the Anatolian (Gordion Area) Juniper Tree-Ring Chronology ~1729 to 751 Cal BC, and Typical Aegean/Anatolian (Growing Season Related) Regional 14C Offset Assessment. *Radiocarbon*, **2010**, 52, 1571-1597	4.6	25
68	Saving Old Bones: a non-destructive method for bone collagen prescreening. *Scientific Reports*, **2019**, 9, 13928	4.9	24
67	The late Middle Palaeolithic in Southwest France: New TL dates for the sequence of Pech de l'Az' IV. *Quaternary International*, **2013**, 294, 160-167	2	22
66	The Middle-to-Upper Paleolithic transition occupations from Cova Foradada (Calafell, NE Iberia). *PLoS ONE*, **2019**, 14, e0215832	3.7	21
65	Radiocarbon dates for the late Middle Palaeolithic at Pech de l'Az'IV, France. *Journal of Archaeological Science*, **2012**, 39, 3436-3442	2.9	21
64	The early Aurignacian dispersal of modern humans into westernmost Eurasia. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 25414-25422	11.5	20
63	Pretreatment and gaseous radiocarbon dating of 40-100 mg archaeological bone. *Scientific Reports*, **2019**, 9, 5342	4.9	19
62	Recent Developments in Calibration for Archaeological and Environmental Samples. *Radiocarbon*, **2020**, 62, 1095-1117	4.6	18
61	14C Calibration in the 2nd and 1st Millennia BCâEastern Mediterranean Radiocarbon Comparison Project (EMRCP). *Radiocarbon*, **2010**, 52, 875-886	4.6	18
60	The olive branch chronology stands irrespective of tree-ring counting. *Antiquity*, **2014**, 88, 274-277	1	17
59	Natural mummies from Predynastic Egypt reveal the world's earliest figural tattoos. *Journal of Archaeological Science*, **2018**, 92, 116-125	2.9	16
58	A chronological framework connecting the early Upper Palaeolithic across the Central Asian piedmont. *Journal of Human Evolution*, **2017**, 113, 107-126	3.1	15
57	Core-Shell Processing of Natural Pigment: Upper Palaeolithic Red Ochre from Lovas, Hungary. *PLoS ONE*, **2015**, 10, e0131762	3.7	15
56	Debates over Palaeolithic chronology â the reliability of 14C is confirmed. *Journal of Archaeological Science*, **2012**, 39, 2464-2467	2.9	15

55	Extension of the Swiss Lateglacial tree-ring chronologies. *Dendrochronologia*, **2005**, 23, 11-18	2.8	15
54	A reassessment of the presumed Neandertal remains from San Bernardino Cave, Italy. *Journal of Human Evolution*, **2014**, 66, 89-94	3.1	14
53	Size Matters: Radiocarbon Dates of <200 µg Ancient Collagen Samples with AixMICADAS and Its Gas Ion Source. *Radiocarbon*, **2017**, 60, 425-439	4.6	14
52	New perspectives on Neanderthal dispersal and turnover from Stajnia Cave (Poland). *Scientific Reports*, **2020**, 10, 14778	4.9	13
51	Palaeoenvironments during the period of the Neanderthals settlement in Chagyrskaya cave (Altai Mountains, Russia). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2017**, 467, 265-276	2.9	12
50	Direct radiocarbon dating and genetic analyses on the purported Neanderthal mandible from the Monti Lessini (Italy). *Scientific Reports*, **2016**, 6, 29144	4.9	12
49	Detecting human presence at the border of the Northeastern Italian Pre-Alps. 14C dating at Rio Secco cave as expression of the first Gravettian and the late mousterian in the Northern Adriatic Region. *PLoS ONE*, **2014**, 9, e95376	3.7	12
48	Late Neandertals in central Italy. High-resolution chronicles from Grotta dei Santi (Monte Argentario - Tuscany). *Quaternary Science Reviews*, **2019**, 217, 130-151	3.9	12
47	Radiocarbon dating and isotope analysis on the purported Aurignacian skeletal remains from Fontana Nuova (Ragusa, Italy). *PLoS ONE*, **2019**, 14, e0213173	3.7	11
46	Pluridisciplinary evidence for burial for the La Ferrassie 8 Neandertal child. *Scientific Reports*, **2020**, 10, 21230	4.9	11
45	Extended dilation of the radiocarbon time scale between 40,000 and 48,000 y BP and the overlap between Neanderthals and. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 21005-21007	11.5	11
44	Steppe brown bear Ursus arctos âpriscusâfrom the Late Pleistocene of Europe. *Quaternary International*, **2019**, 534, 158-170	2	9
43	Microwear and isotopic analyses on cave bear remains from Toll Cave reveal both short-term and long-term dietary habits. *Scientific Reports*, **2019**, 9, 5716	4.9	9
42	Detecting hidden diets and disease: Zoonotic parasites and fish consumption in Mesolithic Ireland. *Journal of Archaeological Science*, **2018**, 97, 137-146	2.9	9
41	Stable Isotope Palaeodietary and Radiocarbon Evidence from the Early Neolithic Site of Zemunica, Dalmatia, Croatia. *European Journal of Archaeology*, **2017**, 20, 235-256	0.7	8
40	Radiocarbon Dating the Late Upper Paleolithic of Cantabrian Spain: El Mirñ Cave Date List IV. *Radiocarbon*, **2015**, 57, 183-188	4.6	8
39	Earliest Evidence of Neolithic Collective Burials from Eastern Iberia: Radiocarbon Dating at the Archaeological Site of Les Llometes (Alicante, Spain). *Radiocarbon*, **2016**, 58, 679-692	4.6	8
38	A reassessment of the presumed Torrener Bñenhñle's Paleolithic human tooth. *Journal of Human Evolution*, **2016**, 93, 120-5	3.1	7

37	Ancient genomes reveal structural shifts after the arrival of Steppe-related ancestry in the Italian Peninsula. *Current Biology*, **2021**, 31, 2576-2591.e12	6.3	7
36	Exploring late Paleolithic and Mesolithic diet in the Eastern Alpine region of Italy through multiple proxies. *American Journal of Physical Anthropology*, **2021**, 174, 232-253	2.5	7
35	"Here we go again": the inspection of collagen extraction protocols for C dating and palaeodietary analysis. *Science and Technology of Archaeological Research*, **2021**, 7, 62-77	1.2	7
34	Genomic and dietary transitions during the Mesolithic and Early Neolithic in Sicily		6
33	The new 14C chronology for the Palaeolithic site of La Ferrassie, France: the disappearance of Neanderthals and the arrival of Homo sapiens in France. *Journal of Quaternary Science*, **2020**, 35, 961-973	2.3	6
32	Lâ□alonnage du temps du radiocarbone par les cernes dâ□rbres. Lâ□pport des s□ies dendrochronologiques du gisement de bois subfossiles du torrent des barbiers (Alpes fran□aises du sud). *Quaternaire*, **2011**, 261-271	0.5	5
31	Short-Term Neanderthal Occupations and Carnivores in the Northeast of Iberian Peninsula. *Interdisciplinary Contributions To Archaeology*, **2020**, 183-213	0.6	5
30	Early Alpine occupation backdates westward human migration in Late Glacial Europe. *Current Biology*, **2021**, 31, 2484-2493.e7	6.3	5
29	Direct radiocarbon dates of mid Upper Palaeolithic human remains from Dolní Věstonice II and Pavlov I, Czech Republic. *Journal of Archaeological Science: Reports*, **2019**, 27, 102000	0.7	4
28	The Tien Shan vole (; Rodentia: Cricetidae) as a new species in the Late Pleistocene of Europe. *Ecology and Evolution*, **2021**, 11, 16113-16125	2.8	4
27	The Genomic History Of Southeastern Europe		4
26	Food and diet of the pre-Columbian mound builders of the Patos Lagoon region in southern Brazil with stable isotope analysis. *Journal of Archaeological Science*, **2021**, 133, 105439	2.9	4
25	Grotta Reali, the first multilayered mousterian evidences in the Upper Volturno Basin (Rocchetta a Volturno, Molise, Italy). *Archaeological and Anthropological Sciences*, **2020**, 12, 1	1.8	3
24	Revisiting the Middle and Upper Palaeolithic archaeology of Gruta do Caldeirão (Tomar, Portugal). *PLoS ONE*, **2021**, 16, e0259089	3.7	3
23	Early Alpine occupation backdates westward human migration in Late Glacial Europe		3
22	A new Upper Paleolithic occupation at the site of Tolbor-21 (Mongolia): Site formation, human behavior and implications for the regional sequence. *Quaternary International*, **2020**, 559, 133-149	2	3
21	Unveiling an odd fate after death: The isolated Eneolithic cranium discovered in the Marcel Loubens Cave (Bologna, Northern Italy). *PLoS ONE*, **2021**, 16, e0247306	3.7	3
20	Near-infrared hyperspectral imaging (NIR-HSI) and normalized difference image (NDI) data processing: An advanced method to map collagen in archaeological bones. *Talanta*, **2021**, 226, 122126	6.2	3

19	Among goats and bears: A taphonomic study of the faunal accumulation from Tritons Cave (Lleida, Spain). *Journal of Archaeological Science: Reports*, **2020**, 30, 102194	0.7	3
18	Back to Uluzzo â archaeological, palaeoenvironmental and chronological context of the Midâ Upper Palaeolithic sequence at Uluzzo C Rock Shelter (Apulia, southern Italy). *Journal of Quaternary Science*,	2.3	3
17	A 41,500´year-old decorated ivory pendant from Stajnia Cave (Poland). *Scientific Reports*, **2021**, 11, 22078	4.9	2
16	A reassessment of the presumed Badegoulian skull from Rond-du-Barry cave (Polignac, France), using direct AMS radiocarbon dating. *American Journal of Physical Anthropology*, **2018**, 166, 921-929	2.5	1
15	An infant burial from Arma Veirana in northwestern Italy provides insights into funerary practices and female personhood in early Mesolithic Europe.. *Scientific Reports*, **2021**, 11, 23735	4.9	1
14	Inserci de objetos en las paredes de la cueva de La Pasiega B (Puente Viesgo, Cantabria). *Zephyrus*, **2019**, 83, 187	0.3	1
13	The early Aurignacian at Lapa do Picareiro really is that old: A comment on â The late persistence of the Middle Palaeolithic and Neandertals in Iberia: A review of the evidence for and against the â Ebro Frontierâ modelâ *Quaternary Science Reviews*, **2021**, 274, 107261	3.9	1
12	Comment on "A global environmental crisis 42,000 years ago". *Science*, **2021**, 374, eabi8330	33.3	1
11	New hominin teeth from Stajnia Cave, Poland. *Journal of Human Evolution*, **2021**, 151, 102929	3.1	1
10	The discovery of an in situ Neanderthal remain in the Bawa Yawan Rockshelter, West-Central Zagros Mountains, Kermanshah. *PLoS ONE*, **2021**, 16, e0253708	3.7	1
9	THE FIRST RADIOCARBON-DATED REMAINS OF THE LEOPARD PANTHERA PARDUS (LINNAEUS, 1758) FROM THE PLEISTOCENE OF POLAND. *Radiocarbon*,1-14	4.6	1
8	Is there Initial Upper Palaeolithic in Western Tian Shan? Example of an open-air site Katta Sai 2 (Uzbekistan). *Journal of Anthropological Archaeology*, **2022**, 65, 101391	1.9	0
7	Exploring different methods of cellulose extraction for C dating. *New Journal of Chemistry*, **2021**, 45, 8936-8941	3.6	0
6	Genomic and dietary discontinuities during the Mesolithic and Neolithic in Sicily.. *IScience*, **2022**, 25, 104244	6.1	0
5	Tracing the mobility of a Late Epigravettian (~ 13´ka) male infant from Grotte di Pradis (Northeastern Italian Prealps) at high-temporal resolution.. *Scientific Reports*, **2022**, 12, 8104	4.9	0
4	The old bone project: Quality assurance on radiocarbon dating bone in the 30,000â 50,000 age range at the A.E. Lalonde AMS Laboratory (Ottawa, Canada). *Nuclear Instruments & Methods in Physics Research B*, **2019**, 456, 247-251	1.2	
3	The upgrade in human evolution? Itâ a matter of TIME!. *The Project Repository Journal*, **2021**, 11, 20-23		
2	Upper Palaeolithic layers and Campanian Ignimbrite/Y-5 tephra in Toplitsa cave, Northern Bulgaria. *Journal of Archaeological Science: Reports*, **2021**, 37, 102912	0.7	

1 Methodological advances in Neanderthal identification, phylogeny, chronology, mobility, climate, and diet **2022**, 303-320