

Juan-Luis Arsuaga

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/172685/publications.pdf>

Version: 2024-02-01

222
papers

13,810
citations

20759

60
h-index

29081

104
g-index

228
all docs

228
docs citations

228
times ranked

9141
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide patterns of selection in 230 ancient Eurasians. <i>Nature</i> , 2015, 528, 499-503.	13.7	1,160
2	Complete mitochondrial genome sequence of a Middle Pleistocene cave bear reconstructed from ultrashort DNA fragments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15758-15763.	3.3	1,097
3	Nuclear DNA sequences from the Middle Pleistocene Sima de los Huesos hominins. <i>Nature</i> , 2016, 531, 504-507.	13.7	436
4	A mitochondrial genome sequence of a hominin from Sima de los Huesos. <i>Nature</i> , 2014, 505, 403-406.	13.7	434
5	The earliest modern humans outside Africa. <i>Science</i> , 2018, 359, 456-459.	6.0	373
6	Earliest humans in Europe: the age of TD6 Gran Dolina, Atapuerca, Spain. <i>Journal of Human Evolution</i> , 1999, 37, 343-352.	1.3	320
7	Encephalization and allometric trajectories in the genus <i>Homo</i> : Evidence from the Neandertal and modern lineages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15335-15340.	3.3	273
8	Three new human skulls from the Sima de los Huesos Middle Pleistocene site in Sierra de Atapuerca, Spain. <i>Nature</i> , 1993, 362, 534-537.	13.7	267
9	Comparing frontal cranial profiles in archaic and modern <i>Homo</i> by morphometric analysis. , 1999, 257, 217-224.		264
10	Ancient genomes link early farmers from Atapuerca in Spain to modern-day Basques. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11917-11922.	3.3	255
11	Morphological description and comparison of the dental remains from Atapuerca-Sima de los Huesos site (Spain). <i>Journal of Human Evolution</i> , 2012, 62, 7-58.	1.3	212
12	A complete human pelvis from the Middle Pleistocene of Spain. <i>Nature</i> , 1999, 399, 255-258.	13.7	197
13	High-resolution U-series dates from the Sima de los Huesos hominids yields : implications for the evolution of the early Neanderthal lineage. <i>Journal of Archaeological Science</i> , 2007, 34, 763-770.	1.2	196
14	Long-term climate record inferred from early-middle Pleistocene amphibian and squamate reptile assemblages at the Gran Dolina Cave, Atapuerca, Spain. <i>Journal of Human Evolution</i> , 2009, 56, 55-65.	1.3	169
15	Biochronology of Spanish Quaternary small vertebrate faunas. <i>Quaternary International</i> , 2010, 212, 109-119.	0.7	155
16	Postcranial morphology of the middle Pleistocene humans from Sima de los Huesos, Spain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 11524-11529.	3.3	150
17	Middle Pleistocene lower back and pelvis from an aged human individual from the Sima de los Huesos site, Spain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18386-18391.	3.3	140
18	Ancient DNA reveals lack of postglacial habitat tracking in the arctic fox. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6726-6729.	3.3	137

#	ARTICLE	IF	CITATIONS
19	Lethal Interpersonal Violence in the Middle Pleistocene. PLoS ONE, 2015, 10, e0126589.	1.1	134
20	The Sima de los Huesos Hominids Date to Beyond U/Th Equilibrium (>350kyr) and Perhaps to 400â€“500kyr: New Radiometric Dates. Journal of Archaeological Science, 2003, 30, 275-280.	1.2	133
21	Staying out in the cold: glacial refugia and mitochondrial DNA phylogeography in ancient European brown bears. Molecular Ecology, 2007, 16, 5140-5148.	2.0	130
22	The human cranial remains from Gran Dolina Lower Pleistocene site (Sierra de Atapuerca, Spain). Journal of Human Evolution, 1999, 37, 431-457.	1.3	128
23	Luminescence dating and palaeomagnetic age constraint on hominins from Sima de los Huesos, Atapuerca, Spain. Journal of Human Evolution, 2014, 67, 85-107.	1.3	120
24	Middle pleistocene dental remains from Qesem Cave (Israel). American Journal of Physical Anthropology, 2011, 144, 575-592.	2.1	118
25	Environmental availability, behavioural diversity and diet: a zooarchaeological approach from the TD10-1 sublevel of Gran Dolina (Sierra de Atapuerca, Burgos, Spain) and Bolomor Cave (Valencia, Spain). Quaternary Science Reviews, 2013, 70, 124-144.	1.4	116
26	Clavicles, scapulae and humeri from the Sima de los Huesos site (Sierra de Atapuerca, Spain). Journal of Human Evolution, 1997, 33, 357-408.	1.3	111
27	Evaluating the suitability of extended-range luminescence dating techniques over early and Middle Pleistocene timescales: Published datasets and case studies from Atapuerca, Spain. Quaternary International, 2015, 389, 167-190.	0.7	111
28	Axial and appendicular skeleton of Homo antecessor. Journal of Human Evolution, 1999, 37, 459-499.	1.3	109
29	Prehistoric contacts over the Straits of Gibraltar indicated by genetic analysis of Iberian Bronze Age cattle. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 8431-8435.	3.3	109
30	Palaeoenvironmental and palaeoclimatic reconstruction of the Latest Pleistocene of El PortalÃ³n Site, Sierra de Atapuerca, northwestern Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 292, 453-464.	1.0	108
31	The mitochondrial genome sequence of the Tasmanian tiger (<i>Thylacinus cynocephalus</i>). Genome Research, 2009, 19, 213-220.	2.4	102
32	Geometric morphometric analysis of the crown morphology of the lower first premolar of hominins, with special attention to Pleistocene Homo. Journal of Human Evolution, 2008, 55, 627-638.	1.3	101
33	The dental proteome of Homo antecessor. Nature, 2020, 580, 235-238.	13.7	100
34	Four millennia of Iberian biomolecular prehistory illustrate the impact of prehistoric migrations at the far end of Eurasia. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3428-3433.	3.3	96
35	New radiometric dates on the lowest stratigraphical section (TD1 to TD6) of Gran Dolina site (Atapuerca, Spain). Quaternary Geochronology, 2015, 30, 535-540.	0.6	90
36	Multivariate analysis of the sexual dimorphism of the hip bone in a modern human population and in early hominids. American Journal of Physical Anthropology, 1994, 93, 241-257.	2.1	89

#	ARTICLE	IF	CITATIONS
37	Craniosynostosis in the Middle Pleistocene human Cranium 14 from the Sima de los Huesos, Atapuerca, Spain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6573-6578.	3.3	87
38	Carnivores from the Early Pleistocene hominid-bearing Trinchera Dolina 6 (Sierra de Atapuerca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.3	86
39	Surprising migration and population size dynamics in ancient Iberian brown bears (<i>Ursus arctos</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5123-5128.	3.3	86
40	Combined ESR/U-series chronology of Acheulian hominid-bearing layers at Trinchera GalerÃa site, Atapuerca, Spain. <i>Journal of Human Evolution</i> , 2013, 65, 168-184.	1.3	86
41	Unearthing Neanderthal population history using nuclear and mitochondrial DNA from cave sediments. <i>Science</i> , 2021, 372, .	6.0	86
42	Hand and foot remains from the Gran Dolina Early Pleistocene site (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 1999, 37, 501-522.	1.3	83
43	Partial Genetic Turnover in Neandertals: Continuity in the East and Population Replacement in the West. <i>Molecular Biology and Evolution</i> , 2012, 29, 1893-1897.	3.5	82
44	Stature estimation from complete long bones in the Middle Pleistocene humans from the Sima de los Huesos, Sierra de Atapuerca (Spain). <i>Journal of Human Evolution</i> , 2012, 62, 242-255.	1.3	82
45	New Middle Pleistocene hominin cranium from Gruta da Aroeira (Portugal). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3397-3402.	3.3	81
46	ESR chronology of alluvial deposits in the ArlanzÃn valley (Atapuerca, Spain): Contemporaneity with Atapuerca Gran Dolina site. <i>Quaternary Geochronology</i> , 2012, 10, 418-423.	0.6	78
47	Understanding the ancient habitats of the last-interglacial (late MIS 5) Neanderthals of central Iberia: Paleoenvironmental and taphonomic evidence from the Cueva del Camino (Spain) site. <i>Quaternary International</i> , 2012, 275, 55-75.	0.7	76
48	Kebara 2: new insights regarding the most complete Neandertal thorax. <i>Journal of Human Evolution</i> , 2009, 57, 75-90.	1.3	75
49	Right handedness of <i>Homo heidelbergensis</i> from Sima de los Huesos (Atapuerca, Spain) 500,000 years ago. <i>Evolution and Human Behavior</i> , 2009, 30, 369-376.	1.4	75
50	Human remains from Valdegoba Cave (HuÃrmedes, Burgos, Spain). <i>Journal of Human Evolution</i> , 2001, 41, 385-435.	1.3	74
51	More than 500,000 years of right-handedness in Europe. <i>Laterality</i> , 2012, 17, 51-69.	0.5	74
52	Small mammals from Sima de los Huesos. <i>Journal of Human Evolution</i> , 1997, 33, 175-190.	1.3	73
53	Taphonomic comparison of bone modifications caused by wild and captive wolves (<i>Canis lupus</i>). <i>Quaternary International</i> , 2014, 330, 126-135.	0.7	73
54	Climate and environment of the earliest West European hominins inferred from amphibian and squamate reptile assemblages: Sima del Elefante Lower Red Unit, Atapuerca, Spain. <i>Quaternary Science Reviews</i> , 2010, 29, 3034-3044.	1.4	71

#	ARTICLE	IF	CITATIONS
55	Metric and morphological study of the upper cervical spine from the Sima de los Huesos site (Sierra de Atapuerca, Burgos, Spain). <i>Journal of Human Evolution</i> , 2011, 61, 125-131.	1.3	66
56	New immature hominin fossil from European Lower Pleistocene shows the earliest evidence of a modern human dental development pattern. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11739-11744.	3.3	66
57	Bone as a technological raw material at the Gran Dolina site (Sierra de Atapuerca, Burgos, Spain). <i>Journal of Human Evolution</i> , 2011, 61, 125-131.	1.3	66
58	Non-masticatory uses of anterior teeth of Sima de los Huesos individuals (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2008, 55, 713-728.	1.3	65
59	The role of carnivores and their relationship to hominin settlements in the TD6-2 level from Gran Dolina (Sierra de Atapuerca, Spain). <i>Quaternary Science Reviews</i> , 2014, 93, 47-66.	1.4	65
60	Human predatory behavior and the social implications of communal hunting based on evidence from the TD10.2 bison bone bed at Gran Dolina (Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2017, 105, 89-122.	1.3	64
61	Trigonid crests expression in Atapuerca-Sima de los Huesos lower molars: Internal and external morphological expression and evolutionary inferences. <i>Comptes Rendus - Palevol</i> , 2014, 13, 205-221.	0.1	62
62	Genomic Analyses of Pre-European Conquest Human Remains from the Canary Islands Reveal Close Affinity to Modern North Africans. <i>Current Biology</i> , 2017, 27, 3396-3402.e5.	1.8	62
63	Learning by Heart: Cultural Patterns in the Faunal Processing Sequence during the Middle Pleistocene. <i>PLoS ONE</i> , 2013, 8, e55863.	1.1	61
64	A geometric morphometric analysis of hominin upper premolars. Shape variation and morphological integration. <i>Journal of Human Evolution</i> , 2011, 61, 688-702.	1.3	59
65	Early Pleistocene human hand phalanx from the Sima del Elefante (TE) cave site in Sierra de Atapuerca (Spain). <i>Journal of Human Evolution</i> , 2015, 78, 114-121.	1.3	59
66	Age Distributions of Hominid Samples at Atapuerca (SH) and Krapina Could Indicate Accumulation by Catastrophe. <i>Journal of Archaeological Science</i> , 1999, 26, 327-338.	1.2	58
67	Intergroup cannibalism in the European Early Pleistocene: The range expansion and imbalance of power hypotheses. <i>Journal of Human Evolution</i> , 2012, 63, 682-695.	1.3	58
68	The evolutionary history of the human face. <i>Nature Ecology and Evolution</i> , 2019, 3, 726-736.	3.4	57
69	Ancient DNA reveals traces of Iberian Neolithic and Bronze Age lineages in modern Iberian horses. <i>Molecular Ecology</i> , 2010, 19, 64-78.	2.0	56
70	New bracketing luminescence ages constrain the Sima de los Huesos hominin fossils (Atapuerca, Spain) to MIS 12. <i>Journal of Human Evolution</i> , 2019, 131, 76-95.	1.3	56
71	Paleopathological evidence of the cranial remains from the Sima de los Huesos Middle Pleistocene site (Sierra de Atapuerca, Spain). Description and preliminary inferences. <i>Journal of Human Evolution</i> , 1997, 33, 409-421.	1.3	54
72	Intrapopulational body size variation and cranial capacity variation in middle pleistocene humans: The Sima de los Huesos sample (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 1998, 106, 19-33.		54

#	ARTICLE	IF	CITATIONS
73	The hunted hunter: the capture of a lion (<i>Panthera leo fossilis</i>) at the Gran Dolina site, Sierra de Atapuerca, Spain. <i>Journal of Archaeological Science</i> , 2010, 37, 2051-2060.	1.2	54
74	No known hominin species matches the expected dental morphology of the last common ancestor of Neanderthals and modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18196-18201.	3.3	52
75	Earliest evidence for human consumption of tortoises in the European Early Pleistocene from Sima del Elefante, Sierra de Atapuerca, Spain. <i>Journal of Human Evolution</i> , 2011, 61, 503-509.	1.3	51
76	Les carnivores (Mammalia) des sites du Pléistocène ancien et moyen d'Atapuerca (Espagne). <i>Anthropologie</i> , 2001, 105, 83-93.	0.1	50
77	A geometric morphometric analysis of hominin upper second and third molars, with particular emphasis on European Pleistocene populations. <i>Journal of Human Evolution</i> , 2012, 63, 512-526.	1.3	50
78	Cranial discrete traits in the Middle Pleistocene humans from Sima de los Huesos (Sierra de Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 T Neanderthal lineage?. <i>Journal of Human Evolution</i> , 2000, 38, 425-446.	1.3	48
79	Taphonomic studies with wild brown bears (<i>Ursus arctos</i>) in the mountains of northern Spain. <i>Journal of Archaeological Science</i> , 2013, 40, 1389-1396.	1.2	48
80	The first direct ESR dating of a hominin tooth from Atapuerca Gran Dolina TD-6 (Spain) supports the antiquity of <i>Homo antecessor</i> . <i>Quaternary Geochronology</i> , 2018, 47, 120-137.	0.6	48
81	The small mammals of Sima del Elefante (Atapuerca, Spain) and the first entrance of <i>Homo</i> in Western Europe. <i>Quaternary International</i> , 2013, 295, 28-35.	0.7	47
82	Early Pleistocene human mandible from Sima del Elefante (TE) cave site in Sierra de Atapuerca (Spain): A palaeopathological study. <i>Journal of Human Evolution</i> , 2011, 61, 1-11.	1.3	46
83	A Middle Pleistocene <i>Homo</i> from Nesher Ramla, Israel. <i>Science</i> , 2021, 372, 1424-1428.	6.0	46
84	The Neandertal vertebral column 1: The cervical spine. <i>Journal of Human Evolution</i> , 2013, 64, 608-630.	1.3	44
85	A geometric morphometric analysis of hominin lower molars: Evolutionary implications and overview of postcanine dental variation. <i>Journal of Human Evolution</i> , 2015, 82, 34-50.	1.3	44
86	Earliest known human burial in Africa. <i>Nature</i> , 2021, 593, 95-100.	13.7	44
87	Chronological, environmental, and climatic precisions on the Neandertal site of the Cova del Gegant (Sitges, Barcelona, Spain). <i>Journal of Human Evolution</i> , 2008, 55, 1151-1155.	1.3	40
88	New foot remains from the Gran Dolina-TD6 Early Pleistocene site (Sierra de Atapuerca, Burgos,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.3	40
89	Facial Morphogenesis of the Earliest Europeans. <i>PLoS ONE</i> , 2013, 8, e65199.	1.1	40
90	Right-handed fossil humans. <i>Evolutionary Anthropology</i> , 2017, 26, 313-324.	1.7	40

#	ARTICLE	IF	CITATIONS
91	The Sima de los Huesos Crania: Analysis of the cranial breakage patterns. <i>Journal of Archaeological Science</i> , 2016, 72, 25-43.	1.2	39
92	Twentieth anniversary of <i>Homo antecessor</i> (1997-2017): a review. <i>Evolutionary Anthropology</i> , 2017, 26, 157-171.	1.7	38
93	Metric and morphological comparison between the Arago (France) and Atapuerca-Sima de los Huesos (Spain) dental samples, and the origin of Neanderthals. <i>Quaternary Science Reviews</i> , 2019, 217, 45-61.	1.4	38
94	Breakage patterns in Sima de los Huesos (Atapuerca, Spain) hominin sample. <i>Journal of Archaeological Science</i> , 2015, 55, 113-121.	1.2	37
95	Continuity versus discontinuity of the human settlement of Europe between the late Early Pleistocene and the early Middle Pleistocene. The mandibular evidence. <i>Quaternary Science Reviews</i> , 2016, 153, 51-62.	1.4	35
96	Fossil human remains from Bolomor Cave (Valencia, Spain). <i>Journal of Human Evolution</i> , 2012, 62, 629-639.	1.3	34
97	Talonid crests expression at the enamel-dentine junction of hominin lower permanent and deciduous molars. <i>Comptes Rendus - Palevol</i> , 2014, 13, 223-234.	0.1	34
98	Carnivore activity in the Sima de los Huesos (Atapuerca, Spain) hominin sample. <i>Quaternary Science Reviews</i> , 2014, 97, 71-83.	1.4	34
99	Palaeoenvironment and palaeoclimate of the Mousterian-Aurignacian transition in northern Iberia: The small-vertebrate assemblage from Cueva del Conde (Santo Adriano, Asturias). <i>Journal of Human Evolution</i> , 2011, 61, 108-116.	1.3	33
100	From toe to head: Use of robust regression methods in stature estimation based on foot remains. <i>Forensic Science International</i> , 2013, 226, 299.e1-299.e7.	1.3	33
101	Single-grain TT-OSL bleaching characteristics: Insights from modern analogues and OSL dating comparisons. <i>Quaternary Geochronology</i> , 2019, 49, 45-51.	0.6	33
102	Interproximal grooving in the Atapuerca-SH hominid dentitions. , 1997, 102, 369-376.		32
103	The Gravettian occipital bone from the site of Malladetes (Barx, Valencia, Spain). <i>Journal of Human Evolution</i> , 2002, 43, 381-393.	1.3	32
104	The costal skeleton of <i>Homo antecessor</i> : preliminary results. <i>Journal of Human Evolution</i> , 2010, 59, 620-640.	1.3	32
105	Early hominin auditory ossicles from South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8847-8851.	3.3	32
106	Metric and morphological analysis of the foot in the Middle Pleistocene sample of Sima de los Huesos (Sierra de Atapuerca, Burgos, Spain). <i>Quaternary International</i> , 2017, 433, 103-113.	0.7	32
107	The Sima de los Huesos (Burgos, northern Spain): palaeoenvironment and habitats of <i>Homo heidelbergensis</i> during the Middle Pleistocene. <i>Quaternary Science Reviews</i> , 2011, 30, 1413-1419.	1.4	31
108	On the age of the hominid fossils at the Sima de los Huesos, Sierra de Atapuerca, Spain: paleomagnetic evidence. , 2000, 111, 451-461.		30

#	ARTICLE	IF	CITATIONS
109	50,000 years of genetic uniformity in the critically endangered Iberian lynx. <i>Molecular Ecology</i> , 2011, 20, 3785-3795.	2.0	30
110	Early hominin auditory capacities. <i>Science Advances</i> , 2015, 1, e1500355.	4.7	30
111	Neanderthals and <i>Homo sapiens</i> had similar auditory and speech capacities. <i>Nature Ecology and Evolution</i> , 2021, 5, 609-615.	3.4	29
112	The carnivore remains from the hominid-bearing Trinchera-Galería, Sierra de Atapuerca, Middle Pleistocene site (Spain). <i>Geobios</i> , 1998, 31, 659-674.	0.7	28
113	Typing single polymorphic nucleotides in mitochondrial DNA as a way to access Middle Pleistocene DNA. <i>Biology Letters</i> , 2006, 2, 601-603.	1.0	28
114	A partial distal humerus from the Middle Pleistocene deposits at Bodo, Middle Awash, Ethiopia. <i>Anthropological Science</i> , 2009, 117, 19-31.	0.2	28
115	Three-dimensional evaluation of root canal morphology in lower second premolars of early and middle pleistocene human populations from atapuerca (Burgos, Spain). <i>American Journal of Physical Anthropology</i> , 2012, 147, 452-461.	2.1	28
116	The bony labyrinth of the middle Pleistocene Sima de los Huesos hominins (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2016, 90, 1-15.	1.3	28
117	The stratigraphy of the Sima de los Huesos (Atapuerca, Spain) and implications for the origin of the fossil hominin accumulation. <i>Quaternary International</i> , 2017, 433, 5-21.	0.7	28
118	Regarding beasts and humans: A review of taphonomic works with living carnivores. <i>Quaternary International</i> , 2018, 466, 131-140.	0.7	28
119	Hiding to eat: the role of carnivores in the early Middle Pleistocene from the TD8 level of Gran Dolina (Sierra de Atapuerca, Burgos, Spain). <i>Journal of Archaeological Science</i> , 2011, 38, 3373-3386.	1.2	27
120	Morphometric analysis of molars in a Middle Pleistocene population shows a mosaic of "modern" and Neanderthal features. <i>Journal of Anatomy</i> , 2013, 223, 353-363.	0.9	27
121	Human calcanei from the Middle Pleistocene site of Sima de los Huesos (Sierra de Atapuerca, Burgos,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.3	27
122	Ontogeny of the maxilla in Neanderthals and their ancestors. <i>Nature Communications</i> , 2015, 6, 8996.	5.8	27
123	The role of allometry and posture in the evolution of the hominin subaxial cervical spine. <i>Journal of Human Evolution</i> , 2017, 104, 80-99.	1.3	27
124	Preface. <i>Journal of Human Evolution</i> , 1999, 37, 309-311.	1.3	26
125	Human talus bones from the Middle Pleistocene site of Sima de los Huesos (Sierra de Atapuerca,) Tj ETQq1 1 0.784314 rgBT /Overloc	1.3	26
126	Ancient DNA evidence of Iberian lynx palaeoendemism. <i>Quaternary Science Reviews</i> , 2015, 112, 172-180.	1.4	25

#	ARTICLE	IF	CITATIONS
127	Cross-sectional properties of the lower limb long bones in the Middle Pleistocene Sima de los Huesos sample (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2018, 117, 1-12.	1.3	25
128	Single-grain OSL dating of the Middle Palaeolithic site of Galería de las Estatuas, Atapuerca (Burgos). <i>Tijdschrift voor Archeologie</i> 10 (2018) 1-12.	0.6	25
129	The earliest evidence of true lambdoid craniosynostosis: the case of 'Benjamina', a <i>Homo heidelbergensis</i> child. <i>Child's Nervous System</i> , 2010, 26, 723-727.	0.6	22
130	Terrestrial apes and phylogenetic trees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8910-8917.	3.3	22
131	MIS 5/4 transition in a mountain environment: herpetofaunal assemblages from Cueva del Camino, central Spain. <i>Boreas</i> , 2014, 43, 107-120.	1.2	22
132	Orofacial pathology in <i>Homo heidelbergensis</i> : The case of Skull 5 from the Sima de los Huesos site (Atapuerca, Spain). <i>Quaternary International</i> , 2013, 295, 83-93.	0.7	20
133	U-series dating and classification of the Apidima 2 hominin from Mani Peninsula, Southern Greece. <i>Journal of Human Evolution</i> , 2017, 109, 22-29.	1.3	20
134	The mesosternum of the Regourdou 1 Neandertal revisited. <i>Journal of Human Evolution</i> , 2012, 62, 511-519.	1.3	19
135	The medial pterygoid tubercle in the Atapuerca Early and Middle Pleistocene mandibles: Evolutionary implications. <i>American Journal of Physical Anthropology</i> , 2015, 156, 102-109.	2.1	19
136	Comparative analysis of the trigonid crests patterns in <i>Homo antecessor</i> molars at the enamel and dentine surfaces. <i>Quaternary International</i> , 2017, 433, 189-198.	0.7	19
137	The equids from the Bronze Age levels of the El Portalón site (Atapuerca, Burgos, Spain). <i>Quaternary International</i> , 2017, 433, 124-141.	0.7	19
138	An unusual Pre-bell beaker copper age cave burial context from El Portalón de Cueva Mayor site (Sierra de Atapuerca, Burgos). <i>Quaternary International</i> , 2017, 433, 142-155.	0.7	19
139	The Sima de los Huesos Middle Pleistocene hominin site (Burgos, Spain). Estimation of the number of individuals. <i>Anatomical Record</i> , 2021, 304, 1463-1477.	0.8	19
140	Short and long period growth markers of enamel formation distinguish European Pleistocene hominins. <i>Scientific Reports</i> , 2020, 10, 4665.	1.6	19
141	Reassessment of the La Ferrassie 3 Neandertal ossicular chain. <i>Journal of Human Evolution</i> , 2013, 64, 250-262.	1.3	18
142	Cold-climate rodent indicators for the Late Pleistocene of Central Iberia: New data from the Buena Pinta Cave (Pinilla del Valle, Madrid Region, Spain). <i>Comptes Rendus - Palevol</i> , 2016, 15, 696-706.	0.1	18
143	Un assemblage de petits vertébrés hautement diversifiés de la fin du MIS 5 dans un environnement montagnard au Centre de l'Espagne (Cueva del Camino, Pinilla del Valle, communauté autonome de Castille-et-León). <i>Tijdschrift voor Archeologie</i> 11 (2019) 1-14.	1.1	18
144	Endocranial morphology of the <i>Ursus deningeri</i> Von Reichenau 1904 from the Sima de Los Huesos (Sierra de Atapuerca) Middle Pleistocene site. <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 1007-1017.	0.4	17

#	ARTICLE	IF	CITATIONS
145	Brain asymmetries and handedness in the specimens from the Sima de los Huesos site (Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2017, 117, 1-10. Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	17
146	Cut marks made with quartz tools: An experimental framework for understanding cut mark morphology, and its use at the Middle Palaeolithic site of the Navalmañillo Rock Shelter (Pinilla del Valle, Madrid). <i>Journal of Human Evolution</i> , 2017, 117, 1-10. Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	10
147	The bony labyrinth in the Aroeira 3 Middle Pleistocene cranium. <i>Journal of Human Evolution</i> , 2018, 124, 105-116.	1.3	17
148	The diet of the first Europeans from Atapuerca. <i>Scientific Reports</i> , 2017, 7, 43319.	1.6	16
149	Evidence of paleoecological changes and Mousterian occupations at the Galería de las Estatuas site, Sierra de Atapuerca, northern Iberian plateau, Spain. <i>Quaternary Research</i> , 2017, 88, 345-367.	1.0	16
150	Understanding Neanderthal technological adaptation at Navalmañillo Rock Shelter (Spain) by measuring lithic raw materials performance variability. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5949-5962.	0.7	16
151	Enamel and dentine dimensions of the Pleistocene hominins from Atapuerca (Burgos, Spain): A comparative study of canine teeth. <i>Comptes Rendus - Palevol</i> , 2019, 18, 72-89.	0.1	15
152	Revisiting the Developmental Stage and Age at Death of the "Mrs. Ples" (Sts 5) and Sts 14 Specimens from Sterkfontein (South Africa): Do They Belong to the Same Individual?. <i>Anatomical Record</i> , 2008, 291, 1707-1722.	0.8	14
153	Endocranial traits of the Sima de los Huesos (Atapuerca, Spain) and Petralona (Chalkidiki, Greece) Middle Pleistocene ursids. Phylogenetic and biochronological implications. <i>Annales De Paleontologie</i> , 2014, 100, 297-309.	0.1	14
154	Central Iberia in the middle MIS 3. Paleoeological inferences during the period 34-40 kyr BP. <i>Quaternary Science Reviews</i> , 2020, 228, 106027.	1.4	14
155	Crown tissue proportions and enamel thickness distribution in the Middle Pleistocene hominin molars from Sima de los Huesos (SH) population (Atapuerca, Spain). <i>PLoS ONE</i> , 2020, 15, e0233281.	1.1	14
156	Identifying the bone-breaker at the Navalmañillo Rock Shelter (Pinilla del Valle, Madrid) using machine learning algorithms. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	14
157	Deshaciendo el palimpsesto: una aproximación a la secuencia cultural de la ocupación neandertal del abrigo de Navalmañillo, Pinilla del Valle (España). <i>Trabajos De Prehistoria</i> , 2017, 74, 225.	0.2	14
158	Analyse phylogénétique des Hominidés de la Sierra de Atapuerca (Sima de los Huesos et Gran Dolina). <i>Journal of Human Evolution</i> , 2013, 64, 1-10. Tj ETQq0 0 0 rgBT /Overlock	0.1	13
159	Étude analytique d'une clavicle complète de subadulte d'Homo antecessor (site de Gran Dolina, Espagne). <i>Journal of Human Evolution</i> , 2013, 64, 1-10. Tj ETQq1 1 0.784314 rgBT /Overlock	0.1	13
160	How Far into Europe Did Pikas (Lagomorpha: Ochotonidae) Go during the Pleistocene? New Evidence from Central Iberia. <i>PLoS ONE</i> , 2015, 10, e0140513.	1.1	13
161	Exploring the Potential of Laser Ablation Carbon Isotope Analysis for Examining Ecology during the Ontogeny of Middle Pleistocene Hominins from Sima de los Huesos (Northern Spain). <i>PLoS ONE</i> , 2015, 10, e0142895.	1.1	12
162	Fossil hominin radii from the Sima de los Huesos Middle Pleistocene site (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2016, 90, 55-73.	1.3	12

#	ARTICLE	IF	CITATIONS
163	A neanderthal hunting camp in the central system of the Iberian Peninsula: A zooarchaeological and taphonomic analysis of the Navalmañño Rock Shelter (Pinilla del Valle, Spain). <i>Quaternary Science Reviews</i> , 2021, 269, 107142.	1.4	12
164	Sexual dimorphism of the enamel and dentine dimensions of the permanent canines of the Middle Pleistocene hominins from Sima de los Huesos (Burgos, Spain). <i>Journal of Human Evolution</i> , 2020, 144, 102793.	1.3	12
165	The Neandertals of northeastern Iberia: New remains from the Cova del Gegant (Sitges, Barcelona). <i>Journal of Human Evolution</i> , 2015, 81, 13-28.	1.3	11
166	Dentine morphology of Atapuerca's Sima de los Huesos lower molars: Evolutionary implications through three-dimensional geometric morphometric analysis. <i>American Journal of Physical Anthropology</i> , 2018, 166, 276-295.	2.1	11
167	Cranial and mandibular morphology of Middle Pleistocene cave bears (<i>Ursus deningeri</i>): implications for diet and evolution. <i>Historical Biology</i> , 2019, 31, 485-499.	0.7	11
168	The cochlea of the Sima de los Huesos hominins (Sierra de Atapuerca, Spain): New insights into cochlear evolution in the genus <i>Homo</i> . <i>Journal of Human Evolution</i> , 2019, 136, 102641.	1.3	11
169	A human parietal fragment from the late Early Pleistocene Gran Dolina-TD6 cave site, Sierra de Atapuerca, Spain. <i>Comptes Rendus - Palevol</i> , 2017, 16, 71-81.	0.1	10
170	Brain size and organization in the Middle Pleistocene hominins from Sima de los Huesos. Inferences from endocranial variation. <i>Journal of Human Evolution</i> , 2019, 129, 67-90.	1.3	10
171	A Neandertal foot phalanx from the Galería de las Estatuas site (Sierra de Atapuerca, Spain). <i>American Journal of Physical Anthropology</i> , 2019, 168, 222-228.	2.1	10
172	Atapuerca Karst and its Palaeoanthropological Sites. <i>World Geomorphological Landscapes</i> , 2014, , 101-110.	0.1	10
173	Exploring bone volume and skeletal weight in the Middle Pleistocene humans from the Sima de los Huesos site (Sierra de Atapuerca, Spain). <i>Journal of Anatomy</i> , 2018, 233, 740-754.	0.9	9
174	Dietary inferences from dental microwear patterns in Chalcolithic populations from the Iberian Peninsula: the case of El Portalón de Cueva Mayor (Sierra de Atapuerca, Burgos, Spain) and El Alto de la Huesera (Álava, Spain). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3811-3823.	0.7	9
175	Petrographic and SEM-EDX characterization of Mousterian white/beige chert tools from the Navalmañño rock shelter (Madrid, Spain). <i>Geoarchaeology - an International Journal</i> , 2020, 35, 883-896.	0.7	9
176	Dragged, lagged, or undisturbed: reassessing the autochthony of the hominin-bearing assemblages at Gran Dolina (Atapuerca, Spain). <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	9
177	The lameness of King Philip II and Royal Tomb I at Vergina, Macedonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9844-9848.	3.3	8
178	Evolution of Hearing and Language in Fossil Hominins. <i>Springer Handbook of Auditory Research</i> , 2017, , 201-231.	0.3	8
179	Hibernation in hominins from Atapuerca, Spain half a million years ago. <i>Anthropologie</i> , 2020, 124, 102797.	0.1	8
180	Denticulados y muescas: ¿para qué sirven? Estudio funcional de una muestra musteriense en cuarzo del Abrigo de Navalmañño (Pinilla del Valle, Madrid, España). <i>Trabajos De Prehistoria</i> , 2017, 74, 26.	0.2	8

#	ARTICLE	IF	CITATIONS
181	Evidence of rickets and/or scurvy in a complete Chalcolithic child skeleton from the El Portal ³ n site (Sierra de Atapuerca, Spain). <i>Journal of Anthropological Sciences</i> , 2014, 92, 257-71.	0.4	8
182	Reworked marine pythonomorph (Reptilia, Squamata) remains in Late Pleistocene cave deposits in central Spain. <i>Cretaceous Research</i> , 2015, 54, 188-202.	0.6	7
183	Cranial morphological differences within <i>U. Adeningeri</i> " <i>U. spelaeus</i> lineage: A double traditional and geometric morphometrics approach. <i>Quaternary International</i> , 2017, 433, 347-362.	0.7	7
184	Taphonomic forensic analysis of the hominin skulls from the Sima de los Huesos. <i>Anatomical Record</i> , 2022, , .	0.8	7
185	Morphometric analysis of Atapuerca-Sima de los Huesos lower first molars. <i>Quaternary International</i> , 2017, 433, 156-162.	0.7	6
186	Taphonomic inferences about Middle Pleistocene hominins: The human cranium of Gruta da Aroeira (Portugal). <i>American Journal of Physical Anthropology</i> , 2018, 167, 615-627.	2.1	6
187	Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. <i>Journal of Archaeological Science</i> , 2019, 110, 104992.	1.2	6
188	Butchering or wood? A LSCM analysis to distinguish use-wear on stone tools. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102377.	0.2	6
189	Human Activities, Biostratigraphy and Past Environment Revealed by Small-Mammal Associations at the Chalcolithic Levels of El Portal ³ n de Cueva Mayor (Atapuerca, Spain). <i>Quaternary</i> , 2021, 4, 16.	1.0	6
190	Dental morphology of European Middle Pleistocene populations. , 2013, , 201-221.		6
191	<i>Ursus dolinensis</i> : a new species of Early Pleistocene ursid from Trinchera Dolina, Atapuerca (Spain). <i>Comptes Rendus De L'Acad�mie Des Sciences Earth & Planetary Sciences S�rie II, Sciences De La Terre Et Des Plan�tes</i> =, 2001, 332, 717-725.	0.2	5
192	Pottery with ramiform-anthropomorphic decoration from El Portal ³ n de Cueva Mayor site (Sierra de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf International, 2019, 515, 125-137.	0.7	5
193	Restes post-craniens du niveau TD6 du site en grotte du Pl�istoc�ne inf�rieur de Gran Dolina, Sierra de Atapuerca, Espagne. <i>Anthropologie</i> , 2001, 105, 179-201.	0.1	4
194	Reconstitution 3D par Computerized-tomography (CT) et endocr�ne virtuel du cr�ne5 du site de la Sima de Los Huesos (Atapuerca). <i>Anthropologie</i> , 2009, 113, 211-221.	0.1	4
195	Approche pal�ontologique de lâ€™volution du langage�: un �tat des lieux. <i>Anthropologie</i> , 2009, 113, 255-264.	0.1	4
196	Two newly identified Mousterian human rib fragments from Combe-Grenal (Domme, France). <i>Paleo</i> , 2013, , 229-234.	0.1	4
197	Restauration d�un f�mur fossile humain du site de la Sima de los Huesos (Atapuerca, Espagne). <i>Anthropologie</i> , 2009, 113, 233-244.	0.1	3
198	A revision of the conductive hearing loss in Cranium 4 from the Middle Pleistocene site of Sima de los Huesos (Burgos, Spain). <i>Journal of Human Evolution</i> , 2019, 135, 102663.	1.3	3

#	ARTICLE	IF	CITATIONS
199	The nasal region of the ~417kya Sima de los Huesos (Sierra de Atapuerca, Spain) Hominin: New terminology and implications for later human evolution. <i>Anatomical Record</i> , 2022, 305, 1991-2029.	0.8	3
200	Looking for the earliest evidence of <i>Ursus arctos</i> LINNAEUS, 1758 in the Iberian Peninsula: the Middle Pleistocene site of Postes cave. <i>Boreas</i> , 2022, 51, 159-184.	1.2	3
201	Early and Middle Pleistocene hominins from Atapuerca (Spain) show differences in dental developmental patterns. <i>American Journal of Biological Anthropology</i> , 2022, 178, 273-285.	0.6	3
202	East meets West: First settlements and human evolution in Eurasia. <i>Quaternary International</i> , 2013, 295, 1-4.	0.7	2
203	The cochlea of the Aroeira 3 Middle Pleistocene cranium—a comparative study. <i>Journal of Human Evolution</i> , 2020, 148, 102887.	1.3	2
204	Ectopic maxillary third molar in Early Pleistocene <i>Homo antecessor</i> from Atapuerca—Gran Dolina site (Burgos, Spain). <i>American Journal of Physical Anthropology</i> , 2020, 171, 733-741.	2.1	2
205	Proofs of Long-Distance Relations between Central Europe and Inland Iberian Peninsula during Neolithic and Bronze Age. Evidences from the Material Culture of the Site of El Portal (Sierra de Atapuerca). <i>Journal of Archaeological Science</i> , 2021, 128, 105557.	0.7	2
206	Estudio arqueométrico y contextual del brazalete de oro tipo Villena/Estremoz de la Cueva del Silo (Sierra de Atapuerca, Burgos, España). <i>Trabajos De Prehistoria</i> , 2018, 75, 163.	0.2	2
207	Dental remains of the Middle Pleistocene hominins from the Sima de los Huesos site (Sierra de Atapuerca). <i>Journal of Human Evolution</i> , 2017, 112, 1-10.	0.8	2
208	El Parque Tecnológico del Valle de los Neandertales (el Calvero de la Higuera, Pinilla del Valle, Madrid). <i>Journal of Archaeological Science</i> , 2021, 128, 105557.	0.1	2
209	Dental remains of the Middle Pleistocene hominins from the Sima de los Huesos site (Sierra de Atapuerca). <i>Journal of Human Evolution</i> , 2017, 112, 1-10.	0.8	2
210	Development and Applications of Computed Tomography in the Study of Human Fossil Crania. <i>Journal of Archaeological Science</i> , 2011, 38, 111-145.		1
211	On the calculation of occlusal bite pressures for fossil hominins. <i>Journal of Human Evolution</i> , 2017, 112, 67-71.	1.3	1
212	Primary or Secondary Products? <i>Journal of Archaeological Science</i> , 2014, 51, 103-128.		1
213	Similarities and differences in the dental tissue proportions of the deciduous and permanent canines of Early and Middle Pleistocene human populations. <i>Journal of Anatomy</i> , 2022, 240, 339-356.	0.9	1
214	ESR/U-series chronology of the Neanderthal occupation layers at Galería de las Estatuas (Sierra de Atapuerca). <i>Journal of Archaeological Science</i> , 2021, 128, 105557.	0.6	1
215	Atapuerca Bones: Homing in on Homo?. <i>Science News</i> , 1993, 144, 31.	0.1	0
216	El poblamiento humano antiguo en el valle alto del Lozoya (Madrid). <i>Espacio, Tiempo Y Forma Serie I, Prehistoria Y Arqueología</i> , 2008, 21, 1-10.	0.2	0

#	ARTICLE	IF	CITATIONS
217	The Gran Dolina-TD6 Human Fossil Remains and the Origin of Neanderthals. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2011, , 67-75.	0.1	0
218	Two new methodological approaches for assessing skeletal maturity in archeological human remains based on the femoral distal epiphysis. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 6515-6536.	0.7	0
219	Biometrical analysis of SH 4 and 5 brain endocasts (Homo heidelbergensis from Sima de los Huesos,) Tj ETQq1 1 0.784314 rgBT /Overto	0.0	0
220	Small mammals from the early Pleistocene of Sima del Elefante site, Atapuerca, Burgos, Spain, and the age of the first hominids of Western Europe. <i>Communication on Contemporary Anthropology</i> , 2010, 04, .	0.0	0
221	The Leg Wound of King Philip II of Macedonia. <i>Cureus</i> , 2018, 10, e2501.	0.2	0
222	Long-term dog consumption during the Holocene at the Sierra de Atapuerca (Spain): case study of the El PortalÃ³n de Cueva Mayor site. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	0.7	0