

# Juan-Luis Arsuaga

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	Taphonomic-forensic analysis of the hominin skulls from the Sima de los Huesos. <i>Anatomical Record</i> , 2022, , .	0.8	7
6	Long-term dog consumption during the Holocene at the Sierra de Atapuerca (Spain): case study of the El Portal3n de Cueva Mayor site. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	0.7	0
7	ESR/U-series chronology of the Neanderthal occupation layers at Galer3a de las Estatuas (Sierra de) Tj ETQq1 1 0.784314 rgBT /Overlock 0,6 1	0.6	1
8	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
9	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
10	Neanderthals and Homo sapiens had similar auditory and speech capacities. <i>Nature Ecology and Evolution</i> , 2021, 5, 609-615.	3.4	29
11	Unearthing Neanderthal population history using nuclear and mitochondrial DNA from cave sediments. <i>Science</i> , 2021, 372, .	6.0	86
12	Human Activities, Biostratigraphy and Past Environment Revealed by Small-Mammal Associations at the Chalcolithic Levels of El Portal3n de Cueva Mayor (Atapuerca, Spain). <i>Quaternary</i> , 2021, 4, 16.	1.0	6
13	Earliest known human burial in Africa. <i>Nature</i> , 2021, 593, 95-100.	13.7	44
14	A Middle Pleistocene <i>Homo</i> from Nesher Ramla, Israel. <i>Science</i> , 2021, 372, 1424-1428.	6.0	46
15	A neanderthal hunting camp in the central system of the Iberian Peninsula: A zooarchaeological and taphonomic analysis of the Navalma3llo Rock Shelter (Pinilla del Valle, Spain). <i>Quaternary Science Reviews</i> , 2021, 269, 107142.	1.4	12
16	Dental remains of the Middle Pleistocene hominins from the Sima de los Huesos site (Sierra de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 0,8 2	0.8	2
17	El Parque Tecnol3gico del Valle de los Neandertales (el Calvero de la Higuera, Pinilla del Valle,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 0,1 2	0.1	2
18	Dental remains of the Middle Pleistocene hominins from the Sima de los Huesos site (Sierra de) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 0,8 2	0.8	2

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19	Central Iberia in the middle MIS 3. Paleocological inferences during the period 34â€“40â€calâ€kyr BP. <i>Quaternary Science Reviews</i> , 2020, 228, 106027.	1.4	14
20	The cochlea of the Aroeira 3 Middle Pleistocene craniumâ€a comparative study. <i>Journal of Human Evolution</i> , 2020, 148, 102887.	1.3	2
21	Petrographic and SEMâ€EDX characterization of Mousterian white/beige chert tools from the NavalmaÃo rock shelter (Madrid, Spain). <i>Geoarchaeology - an International Journal</i> , 2020, 35, 883-896.	0.7	9
22	Hibernation in hominins from Atapuerca, Spain half a million years ago. <i>Anthropologie</i> , 2020, 124, 102797.	0.1	8
23	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
24	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
25	Short and long period growth markers of enamel formation distinguish European Pleistocene hominins. <i>Scientific Reports</i> , 2020, 10, 4665.	1.6	19
26	The dental proteome of <i>Homo antecessor</i> . <i>Nature</i> , 2020, 580, 235-238.	13.7	100
27	Ectopic maxillary third molar in Early Pleistocene <i>Homo antecessor</i> from Atapuercaâ€Gran Dolina site (Burgos, Spain). <i>American Journal of Physical Anthropology</i> , 2020, 171, 733-741.	2.1	2
28	Identifying the bone-breaker at the NavalmaÃo Rock Shelter (Pinilla del Valle, Madrid) using machine learning algorithms. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	0.7	14
29	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
30	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
31	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
32	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
33	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
34	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
35	Storage or cooking pots? Inferring pottery use through archaeomagnetic assessment of palaeotemperatures. <i>Journal of Archaeological Science</i> , 2019, 110, 104992.	1.2	6
36	Understanding Neanderthal technological adaptation at NavalmaÃo Rock Shelter (Spain) by measuring lithic raw materials performance variability. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5949-5962.	0.7	16

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37	The evolutionary history of the human face. <i>Nature Ecology and Evolution</i> , 2019, 3, 726-736.	3.4	57
38	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
39	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
40	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
41	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
42	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
43	Pottery with ramiform-anthropomorphic decoration from El Portalón de Cueva Mayor site (Sierra de) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i> <i>International</i> , 2019, 515, 125-137.	0.7	5
44	Single-grain OSL dating of the Middle Palaeolithic site of Galería de las Estatuas, Atapuerca (Burgos,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.6	25
45	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
46	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
47	Dentine morphology of Atapuerca-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
48	The earliest modern humans outside Africa. <i>Science</i> , 2018, 359, 456-459.	6.0	373
49	The first direct ESR dating of a hominin tooth from Atapuerca Gran Dolina TD-6 (Spain) supports the antiquity of Homo antecessor. <i>Quaternary Geochronology</i> , 2018, 47, 120-137.	0.6	48
50	Four millennia of Iberian biomolecular prehistory illustrate the impact of prehistoric migrations at the far end of Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3428-3433.	3.3	96
51	Regarding beasts and humans: A review of taphonomic works with living carnivores. <i>Quaternary International</i> , 2018, 466, 131-140.	0.7	28
52	Cut marks made with quartz tools: An experimental framework for understanding cut mark morphology, and its use at the Middle Palaeolithic site of the Navalmañá Rock Shelter (Pinilla del) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.7	10
53	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
54	The bony labyrinth in the Aroeira 3 Middle Pleistocene cranium. <i>Journal of Human Evolution</i> , 2018, 124, 105-116.	1.3	17

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55	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
56	The Leg Wound of King Philip II of Macedonia. <i>Cureus</i> , 2018, 10, e2501.	0.2	0
57	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
58	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
59	Cranial morphological differences within <i>U. Adeningeri</i> "U. spelaesus lineage: A double traditional and geometric morphometrics approach. <i>Quaternary International</i> , 2017, 433, 347-362.	0.7	7
60	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
61	Morphometric analysis of Atapuerca-Sima de los Huesos lower first molars. <i>Quaternary International</i> , 2017, 433, 156-162.	0.7	6
62	Comparative analysis of the trigonid crests patterns in <i>Homo</i> antecessor molars at the enamel and dentine surfaces. <i>Quaternary International</i> , 2017, 433, 189-198.	0.7	19
63	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
64	Brain asymmetries and handedness in the specimens from the Sima de los Huesos site (Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2017, 104, 80-99.	0.7	17
65	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
66	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
67	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
68	The diet of the first Europeans from Atapuerca. <i>Scientific Reports</i> , 2017, 7, 43319.	1.6	16
69	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
70	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
71	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
72	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

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73	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
74	Evolution of Hearing and Language in Fossil Hominins. <i>Springer Handbook of Auditory Research</i> , 2017, , 201-231.	0.3	8
75	Twentieth anniversary of <i>Homo antecessor</i> (1997-2017): a review. <i>Evolutionary Anthropology</i> , 2017, 26, 157-171.	1.7	38
76	On the calculation of occlusal bite pressures for fossil hominins. <i>Journal of Human Evolution</i> , 2017, 102, 67-71.	1.3	1
77	Right-handed fossil humans. <i>Evolutionary Anthropology</i> , 2017, 26, 313-324.	1.7	40
78	Denticulados y muescas: ¿para qué sirven? Estudio funcional de una muestra musteriense en cuarzo del Abrigo de Navalmañá (Pinilla del Valle, Madrid, España). <i>Trabajos De Prehistoria</i> , 2017, 74, 26.	0.2	8
79	Deshaciendo el palimpsesto: una aproximación a la secuencia cultural de la ocupación neandertal del abrigo de Navalmañá, Pinilla del Valle (España). <i>Trabajos De Prehistoria</i> , 2017, 74, 225.	0.2	14
80	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
81	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
82	Nuclear DNA sequences from the Middle Pleistocene Sima de los Huesos hominins. <i>Nature</i> , 2016, 531, 504-507.	13.7	436
83	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
84	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
85	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
86	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
87	Lethal Interpersonal Violence in the Middle Pleistocene. <i>PLoS ONE</i> , 2015, 10, e0126589.	1.1	134
88	New radiometric dates on the lowest stratigraphical section (TD1 to TD6) of Gran Dolina site (Atapuerca, Spain). <i>Quaternary Geochronology</i> , 2015, 30, 535-540.	0.6	90
89	Ontogeny of the maxilla in Neanderthals and their ancestors. <i>Nature Communications</i> , 2015, 6, 8996.	5.8	27
90	Ancient DNA evidence of Iberian lynx palaeoendemism. <i>Quaternary Science Reviews</i> , 2015, 112, 172-180.	1.4	25

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91	Breakage patterns in Sima de los Huesos (Atapuerca, Spain) hominin sample. <i>Journal of Archaeological Science</i> , 2015, 55, 113-121.	1.2	37
92	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
93	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
94	Evaluating the suitability of extended-range luminescence dating techniques over early and Middle Pleistocene timescales: Published datasets and case studies from Atapuerca, Spain. <i>Quaternary International</i> , 2015, 389, 167-190.	0.7	111
95	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
96	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
97	Early hominin auditory capacities. <i>Science Advances</i> , 2015, 1, e1500355.	4.7	30
98	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
99	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
100	Genome-wide patterns of selection in 230 ancient Eurasians. <i>Nature</i> , 2015, 528, 499-503.	13.7	1,160
101	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
102	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
103	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
104	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> , 2015, 62, 102-110.	1.1	13
105	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
106	Luminescence dating and palaeomagnetic age constraint on hominins from Sima de los Huesos, Atapuerca, Spain. <i>Journal of Human Evolution</i> , 2014, 67, 85-107.	1.3	120
107	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
108	A mitochondrial genome sequence of a hominin from Sima de los Huesos. <i>Nature</i> , 2014, 505, 403-406.	13.7	434

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109	Human calcanei from the Middle Pleistocene site of Sima de los Huesos (Sierra de Atapuerca, Burgos.) Tj ETQq1 1 0,784314 rgBT /Overl 1.3	1.3	27
110	Endocranial traits of the Sima de los Huesos (Atapuerca, Spain) and Petralona (Chalkidiki, Greece) Middle Pleistocene ursids. Phylogenetic and biochronological implications. Annales De Paleontologie, 2014, 100, 297-309.	0.1	14
111	Trigonid crests expression in Atapuerca-Sima de los Huesos lower molars: Internal and external morphological expression and evolutionary inferences. Comptes Rendus - Palevol, 2014, 13, 205-221.	0.1	62
112	Talonid crests expression at the enamel-dentine junction of hominin lower permanent and deciduous molars. Comptes Rendus - Palevol, 2014, 13, 223-234.	0.1	34
113	Carnivore activity in the Sima de los Huesos (Atapuerca, Spain) hominin sample. Quaternary Science Reviews, 2014, 97, 71-83.	1.4	34
114	<sc>MIS</sc> 5/4 transition in a mountain environment: herpetofaunal assemblages from <sc>C</sc>ueva del <sc>C</sc>amino, central <sc>S</sc>pain. Boreas, 2014, 43, 107-120.	1.2	22
115	Atapuerca Karst and its Palaeoanthropological Sites. World Geomorphological Landscapes, 2014, , 101-110.	0.1	10
116	Primary or Secondary Products?., 2014, , 103-128.		1
117	Evidence of rickets and/or scurvy in a complete Chalcolithic child skeleton from the El PortalÃ³n site (Sierra de Atapuerca, Spain). Journal of Anthropological Sciences, 2014, 92, 257-71.	0.4	8
118	Morphometric analysis of molars in a <sc>M</sc>iddle <sc>P</sc>leistocene population shows a mosaic of â€modernâ€™ and <sc>N</sc>eanderthal features. Journal of Anatomy, 2013, 223, 353-363.	0.9	27
119	Combined ESR/U-series chronology of Acheulian hominid-bearing layers at Trinchera GalerÃ¡a site, Atapuerca, Spain. Journal of Human Evolution, 2013, 65, 168-184.	1.3	86
120	Reassessment of the La Ferrassie 3 Neandertal ossicular chain. Journal of Human Evolution, 2013, 64, 250-262.	1.3	18
121	The Neandertal vertebral column 1: The cervical spine. Journal of Human Evolution, 2013, 64, 608-630.	1.3	44
122	Complete mitochondrial genome sequence of a Middle Pleistocene cave bear reconstructed from ultrashort DNA fragments. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15758-15763.	3.3	1,097
123	No known hominin species matches the expected dental morphology of the last common ancestor of Neanderthals and modern humans. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18196-18201.	3.3	52
124	The small mammals of Sima del Elefante (Atapuerca, Spain) and the first entrance of Homo in Western Europe. Quaternary International, 2013, 295, 28-35.	0.7	47
125	From toe to head: Use of robust regression methods in stature estimation based on foot remains. Forensic Science International, 2013, 226, 299.e1-299.e7.	1.3	33
126	Taphonomic studies with wild brown bears (Ursus arctos) in the mountains of northern Spain. Journal of Archaeological Science, 2013, 40, 1389-1396.	1.2	48



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127	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
128	East meets West: First settlements and human evolution in Eurasia. <i>Quaternary International</i> , 2013, 295, 1-4.	0.7	2
129	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). <i>Quaternary Science Reviews</i> , 2013, 70, 124-144.	1.4	116
130	Human talus bones from the Middle Pleistocene site of Sima de los Huesos (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2013, 64, 1-10.	1.3	26
131	Facial Morphogenesis of the Earliest Europeans. <i>PLoS ONE</i> , 2013, 8, e65199.	1.1	40
132	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
133	Learning by Heart: Cultural Patterns in the Faunal Processing Sequence during the Middle Pleistocene. <i>PLoS ONE</i> , 2013, 8, e55863.	1.1	61
134	Dental morphology of European Middle Pleistocene populations. <i>Journal of Human Evolution</i> , 2013, 64, 201-221.		6
135	Two newly identified Mousterian human rib fragments from Combe-Grenal (Domme, France). <i>Paleo</i> , 2013, 22, 229-234.	0.1	4
136	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 Madrid). <i>Journal of Human Evolution</i> , 2013, 64, 1-10.	1.3	26
137	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
138	More than 500,000 years of right-handedness in Europe. <i>Laterality</i> , 2012, 17, 51-69.	0.5	74
139	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
140	ESR chronology of alluvial deposits in the Arlanzán valley (Atapuerca, Spain): Contemporaneity with Atapuerca Gran Dolina site. <i>Quaternary Geochronology</i> , 2012, 10, 418-423.	0.6	78
141	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
142	New foot remains from the Gran Dolina-TD6 Early Pleistocene site (Sierra de Atapuerca, Burgos, Spain). <i>Journal of Human Evolution</i> , 2012, 62, 1-10.	1.3	40
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	The mesosternum of the Regourdou 1 Neandertal revisited. <i>Journal of Human Evolution</i> , 2012, 62, 511-519.	1.3	19
147	Fossil human remains from Bolomor Cave (Valencia, Spain). <i>Journal of Human Evolution</i> , 2012, 62, 629-639.	1.3	34
148	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
149	Development and Applications of Computed Tomography in the Study of Human Fossil Crania. , 2011, , 111-145.		1
150	The Gran Dolina-TD6 Human Fossil Remains and the Origin of Neanderthals. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2011, , 67-75.	0.1	0
151	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
152	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
153	50,000 years of genetic uniformity in the critically endangered Iberian lynx. <i>Molecular Ecology</i> , 2011, 20, 3785-3795.	2.0	30
154	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
155	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
156	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
157	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
158	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
159	Middle pleistocene dental remains from Qesem Cave (Israel). <i>American Journal of Physical Anthropology</i> , 2011, 144, 575-592.	2.1	118
160	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
161	The costal skeleton of <i>Homo antecessor</i> : preliminary results. <i>Journal of Human Evolution</i> , 2010, 59, 620-640.	1.3	32
162	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

#	ARTICLE	IF	CITATIONS
163	Terrestrial apes and phylogenetic trees. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8910-8917.	3.3	22
164	Middle Pleistocene lower back and pelvis from an aged human individual from the Sima de los Huesos site, Spain. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18386-18391.	3.3	140
165	New immature hominin fossil from European Lower Pleistocene shows the earliest evidence of a modern human dental development pattern. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11739-11744.	3.3	66
166	The hunted hunter: the capture of a lion ( <i>Panthera leo fossilis</i> ) at the Gran Dolina site, Sierra de Atapuerca, Spain. Journal of Archaeological Science, 2010, 37, 2051-2060.	1.2	54
167	Palaeoenvironmental and palaeoclimatic reconstruction of the Latest Pleistocene of El Portalán Site, Sierra de Atapuerca, northwestern Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 292, 453-464.	1.0	108
168	Biochronology of Spanish Quaternary small vertebrate faunas. Quaternary International, 2010, 212, 109-119.	0.7	155
169	Climate and environment of the earliest West European hominins inferred from amphibian and squamate reptile assemblages: Sima del Elefante Lower Red Unit, Atapuerca, Spain. Quaternary Science Reviews, 2010, 29, 3034-3044.	1.4	71
170	Biometrical analysis of SH 4 and 5 brain endocasts ( <i>Homo heidelbergensis</i> from Sima de los Huesos,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.0	0
171	Small mammals from the early Pleistocene of Sima del Elefante site, Atapuerca, Burgos, Spain, and the age of the first hominids of Western Europe. Communication on Contemporary Anthropology, 2010, 04, .	0.0	0
172	The mitochondrial genome sequence of the Tasmanian tiger ( <i>Thylacinus cynocephalus</i> ). Genome Research, 2009, 19, 213-220.	2.4	102
173	A partial distal humerus from the Middle Pleistocene deposits at Bodo, Middle Awash, Ethiopia. Anthropological Science, 2009, 117, 19-31.	0.2	28
174	Craniosynostosis in the Middle Pleistocene human Cranium 14 from the Sima de los Huesos, Atapuerca, Spain. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6573-6578.	3.3	87
175	Long-term climate record inferred from early-middle Pleistocene amphibian and squamate reptile assemblages at the Gran Dolina Cave, Atapuerca, Spain. Journal of Human Evolution, 2009, 56, 55-65.	1.3	169
176	Kebara 2: new insights regarding the most complete Neandertal thorax. Journal of Human Evolution, 2009, 57, 75-90.	1.3	75
177	Right handedness of <i>Homo heidelbergensis</i> from Sima de los Huesos (Atapuerca, Spain) 500,000 years ago. Evolution and Human Behavior, 2009, 30, 369-376.	1.4	75
178	Étude analytique d'une clavicule complète de subadulte d' <i>Homo antecessor</i> (site de Gran Dolina,) Tj ETQq0 0 0 rgBT /Overlo	0.1	13
179	Reconstitution 3D par Computerized-tomography (CT) et endocrâne virtuel du crâne du site de la Sima de Los Huesos (Atapuerca). Anthropologie, 2009, 113, 211-221.	0.1	4
180	Approche paléontologique de l'évolution du langage: un état des lieux. Anthropologie, 2009, 113, 255-264.	0.1	4

#	ARTICLE	IF	CITATIONS
181	Restoration d'un fœmur fossile humain du site de la Sima de los Huesos (Atapuerca, Espagne). <i>Anthropologie</i> , 2009, 113, 233-244.	0.1	3
182	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
183	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
184	Geometric morphometric analysis of the crown morphology of the lower first premolar of hominins, with special attention to Pleistocene Homo. <i>Journal of Human Evolution</i> , 2008, 55, 627-638.	1.3	101
185	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
186	Chronological, environmental, and climatic precisions on the Neanderthal site of the Cova del Gegant (Sitges, Barcelona, Spain). <i>Journal of Human Evolution</i> , 2008, 55, 1151-1155.	1.3	40
187	El poblamiento humano antiguo en el valle alto del Lozoya (Madrid). <i>Espacio, Tiempo Y Forma Serie I, Prehistoria Y Arqueología</i> , 2008, .	0.2	0
188	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
189	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
190	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
191	Staying out in the cold: glacial refugia and mitochondrial DNA phylogeography in ancient European brown bears. <i>Molecular Ecology</i> , 2007, 16, 5140-5148.	2.0	130
192	Metric and morphological study of the upper cervical spine from the Sima de los Huesos site (Sierra) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.3	69
193	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
194	Prehistoric contacts over the Straits of Gibraltar indicated by genetic analysis of Iberian Bronze Age cattle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8431-8435.	3.3	109
195	The Sima de los Huesos Hominids Date to Beyond U/Th Equilibrium (>350kyr) and Perhaps to 400-500kyr: New Radiometric Dates. <i>Journal of Archaeological Science</i> , 2003, 30, 275-280.	1.2	133
196	Encephalization and allometric trajectories in the genus Homo: 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
197	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
198	<i>Ursus dolinensis</i> : a new species of Early Pleistocene ursid from Trinchera Dolina, Atapuerca (Spain). <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 2001, 332, 717-725.	0.2	5

#	ARTICLE	IF	CITATIONS
199	Les carnivores (Mammalia) des sites du Pléistocène ancien et moyen d'Atapuerca (Espagne). <i>Anthropologie</i> , 2001, 105, 83-93.	0.1	50
200	Analyse phylogénétique des Hominidés de la Sierra de Atapuerca (Sima de los Huesos et Gran Dolina). <i>Tijdschrift voor Overlevingswetenschap</i> , 2000, 13, 100-104.	0.1	13
201	Restes post-craniens du niveau TD6 du site en grotte du Pléistocène inférieur de Gran Dolina, Sierra de Atapuerca, Espagne. <i>Anthropologie</i> , 2001, 105, 179-201.	0.1	4
202	Human remains from Valdegoba Cave (Huércameces, Burgos, Spain). <i>Journal of Human Evolution</i> , 2001, 41, 385-435.	1.3	74
203	On the age of the hominid fossils at the Sima de los Huesos, Sierra de Atapuerca, Spain: paleomagnetic evidence. <i>Journal of Human Evolution</i> , 2000, 111, 451-461.		30
204	Cranial discrete traits in the Middle Pleistocene humans from Sima de los Huesos (Sierra de Atapuerca) and Neanderthal lineage?. <i>Journal of Human Evolution</i> , 2000, 38, 425-446.	1.3	48
205	A complete human pelvis from the Middle Pleistocene of Spain. <i>Nature</i> , 1999, 399, 255-258.	13.7	197
206	The human cranial remains from Gran Dolina Lower Pleistocene site (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 1999, 37, 431-457.	1.3	128
207	Carnivores from the Early Pleistocene hominid-bearing Trinchera Dolina 6 (Sierra de Atapuerca). <i>Tijdschrift voor Overlevingswetenschap</i> , 1999, 12, 107-110.	1.3	86
208	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
209	Preface. <i>Journal of Human Evolution</i> , 1999, 37, 309-311.	1.3	26
210	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
211	Axial and appendicular skeleton of Homo antecessor. <i>Journal of Human Evolution</i> , 1999, 37, 459-499.	1.3	109
212	Comparing frontal cranial profiles in archaic and modern Homo by morphometric analysis. <i>Journal of Human Evolution</i> , 1999, 257, 217-224.		264
213	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
214	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
215	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
216	Clavicles, scapulae and humeri from the Sima de los Huesos site (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 1997, 33, 357-408.	1.3	111

#	ARTICLE	IF	CITATIONS
217	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
218	Small mammals from Sima de los Huesos. <i>Journal of Human Evolution</i> , 1997, 33, 175-190.	1.3	73
219	Interproximal grooving in the Atapuerca-SH hominid dentitions. , 1997, 102, 369-376.		32
220	Multivariate analysis of the sexual dimorphism of the hip bone in a modern human population and in early hominids. <i>American Journal of Physical Anthropology</i> , 1994, 93, 241-257.	2.1	89
221	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
222	Atapuerca Bones: Homing in on Homo?. <i>Science News</i> , 1993, 144, 31.	0.1	0