

# María-a Martín-Torres

## List of Publications by Year in descending order

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94  
papers

4,603  
citations

126907

33  
h-index

110387

64  
g-index

96  
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96  
docs citations

96  
times ranked

2495  
citing authors

#	ARTICLE	IF	CITATIONS
1	The first hominin of Europe. <i>Nature</i> , 2008, 452, 465-469.	27.8	545
2	The earliest modern humans outside Africa. <i>Science</i> , 2018, 359, 456-459.	12.6	373
3	The earliest unequivocally modern humans in southern China. <i>Nature</i> , 2015, 526, 696-699.	27.8	354
4	Hominin variability, climatic instability and population demography in Middle Pleistocene Europe. <i>Quaternary Science Reviews</i> , 2011, 30, 1511-1524.	3.0	245
5	The oldest human fossil in Europe, from Orce (Spain). <i>Journal of Human Evolution</i> , 2013, 65, 1-9.	2.6	231
6	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.	2.6	212
7	Dental remains from Dmanisi (Republic of Georgia): Morphological analysis and comparative study. <i>Journal of Human Evolution</i> , 2008, 55, 249-273.	2.6	116
8	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.	2.6	101
9	Hominin teeth from the early Pleistocene site of Xujiayao, Northern China. <i>American Journal of Physical Anthropology</i> , 2015, 156, 224-240.	2.1	98
10	A new model for the evolution of the human Pleistocene populations of Europe. <i>Quaternary International</i> , 2013, 295, 102-112.	1.5	93
11	Early Pleistocene human mandible from Sima del Elefante (TE) cave site in Sierra de Atapuerca (Spain): A comparative morphological study. <i>Journal of Human Evolution</i> , 2011, 61, 12-25.	2.6	92
12	Discontinuity in the record for hominin occupation in south-western Europe: Implications for occupation of the middle latitudes of Europe. <i>Quaternary International</i> , 2012, 271, 84-97.	1.5	88
13	A new early Pleistocene hominin mandible from Atapuerca-TD6, Spain. <i>Journal of Human Evolution</i> , 2008, 55, 729-735.	2.6	82
14	Paleodemography of the Atapuerca: Sima De Los Huesos Hominin Sample: A Revision and New Approaches to the Paleodemography of the European Middle Pleistocene Population. <i>Journal of Anthropological Research</i> , 2004, 60, 5-26.	0.1	72
15	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.	7.1	66
16	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.	0.2	62
17	A geometric morphometric analysis of hominin upper premolars. Shape variation and morphological integration. <i>Journal of Human Evolution</i> , 2011, 61, 688-702.	2.6	59
18	Late Middle Pleistocene hominin teeth from Panxian Dadong, South China. <i>Journal of Human Evolution</i> , 2013, 64, 337-355.	2.6	59

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19	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.	2.6	59
20	Continuity or discontinuity in the European Early Pleistocene human settlement: the Atapuerca evidence. <i>Quaternary Science Reviews</i> , 2013, 76, 53-65.	3.0	58
21	Homo antecessor : The state of the art eighteen years later. <i>Quaternary International</i> , 2017, 433, 22-31.	1.5	55
22	<i>Homo sapiens</i> in the Eastern Asian Late Pleistocene. <i>Current Anthropology</i> , 2017, 58, S434-S448.	1.6	52
23	Middle Pleistocene Hominin Teeth from Longtan Cave, Hexian, China. <i>PLoS ONE</i> , 2014, 9, e114265.	2.5	51
24	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.	2.6	50
25	Early pleistocene human humeri from the gran dolina TD6 site (sierra de atapuerca, spain). <i>American Journal of Physical Anthropology</i> , 2012, 147, 604-617.	2.1	47
26	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.	2.6	46
27	A Middle Pleistocene <i>Homo</i> from Nesher Ramla, Israel. <i>Science</i> , 2021, 372, 1424-1428.	12.6	46
28	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.	2.6	44
29	Earliest known human burial in Africa. <i>Nature</i> , 2021, 593, 95-100.	27.8	44
30	The Denisova hominin need not be an out of Africa story. <i>Journal of Human Evolution</i> , 2011, 60, 251-255.	2.6	41
31	New foot remains from the Gran Dolina-TD6 Early Pleistocene site (Sierra de Atapuerca, Burgos.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	2.6	40
32	Facial Morphogenesis of the Earliest Europeans. <i>PLoS ONE</i> , 2013, 8, e65199.	2.5	40
33	Twentieth anniversary of <i>Homo antecessor</i> (1997-2017): a review. <i>Evolutionary Anthropology</i> , 2017, 26, 157-171.	3.4	38
34	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.	3.0	38
35	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.	3.0	35
36	The Middle Pleistocene (MIS 12) human dental remains from Fontana Ranuccio (Latium) and Visogliano (Friuli-Venezia Giulia), Italy. A comparative high resolution endostructural assessment. <i>PLoS ONE</i> , 2018, 13, e0189773.	2.5	35

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37	Talonid crests expression at the enamel-dentine junction of hominin lower permanent and deciduous molars. <i>Comptes Rendus - Palevol</i> , 2014, 13, 223-234.	0.2	34
38	Contribution of dental tissues to sex determination in modern human populations. <i>American Journal of Physical Anthropology</i> , 2018, 166, 459-472.	2.1	32
39	New human evidence of the Early Pleistocene settlement of Europe, from Sima del Elefante site (Sierra Tujate). <i>Journal of Human Evolution</i> , 2018, 118, 1-11.	1.5	31
40	EVOLUTIONARY NOVELTIES AND LOSSES IN GEOMETRIC MORPHOMETRICS: A PRACTICAL APPROACH THROUGH HOMININ MOLAR MORPHOLOGY. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1772-1790.	2.3	29
41	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
42	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.	1.5	27
43	The fossil teeth of the Peking Man. <i>Scientific Reports</i> , 2018, 8, 2066.	3.3	26
44	A demographic history of Late Pleistocene China. <i>Quaternary International</i> , 2020, 559, 4-13.	1.5	26
45	Analyse comparative des mandibules d'homínides de Tighennif (Algérie) et de Gran-Dolina-TD6 (Espagne). <i>Bulletins Et Memoires De La Societe D'Anthropologie De Paris</i> , 2007, 19, 149-167.	0.1	26
46	On the Variability of the Dmanisi Mandibles. <i>PLoS ONE</i> , 2014, 9, e88212.	2.5	24
47	A mandible from the Middle Pleistocene Hexian site and its significance in relation to the variability of Asian <i>Homo erectus</i> . <i>American Journal of Physical Anthropology</i> , 2017, 162, 715-731.	2.1	23
48	Tooth crown tissue proportions and enamel thickness in Early Pleistocene <i>Homo antecessor</i> molars (Atapuerca, Spain). <i>PLoS ONE</i> , 2018, 13, e0203334.	2.5	23
49	Hominin teeth from the Middle Pleistocene site of Yiyuan, Eastern China. <i>Journal of Human Evolution</i> , 2016, 95, 33-54.	2.6	22
50	A "source and sink" model for East Asia? Preliminary approach through the dental evidence. <i>Comptes Rendus - Palevol</i> , 2018, 17, 33-43.	0.2	22
51	Modern humans sex estimation through dental tissue patterns of maxillary canines. <i>American Journal of Physical Anthropology</i> , 2018, 167, 914-923.	2.1	22
52	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.	1.5	20
53	A reassessment of the Montmaurin-La Niche mandible (Haute Garonne, France) in the context of European Pleistocene human evolution. <i>PLoS ONE</i> , 2018, 13, e0189714.	2.5	20
54	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

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55	Comparative analysis of the trigonid crests patterns in Homo antecessor molars at the enamel and dentine surfaces. <i>Quaternary International</i> , 2017, 433, 189-198.	1.5	19
56	Sexual dimorphism of dental tissues in modern human mandibular molars. <i>American Journal of Physical Anthropology</i> , 2019, 169, 332-340.	2.1	19
57	First systematic assessment of dental growth and development in an archaic hominin (genus, <i>Tj ETQq1</i> ). <i>Overlock</i> 10.5	10.5	19
58	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.	1.4	19
59	Short and long period growth markers of enamel formation distinguish European Pleistocene hominins. <i>Scientific Reports</i> , 2020, 10, 4665.	3.3	19
60	A morphological study of the tooth roots of the Sima del Elefante mandible (Atapuerca, Spain): a new classification of the teeth—biological and methodological considerations. <i>Anthropological Science</i> , 2012, 120, 61-72.	0.4	18
61	Late Middle Pleistocene hominin teeth from Tongzi, southern China. <i>Journal of Human Evolution</i> , 2019, 130, 96-108.	2.6	18
62	Mosaic dental morphology in a terminal Pleistocene hominin from Dushan Cave in southern China. <i>Scientific Reports</i> , 2019, 9, 2347.	3.3	18
63	New permanent teeth from Gran Dolina-TD6 (Sierra de Atapuerca). The bearing of Homo antecessor on the evolutionary scenario of Early and Middle Pleistocene Europe. <i>Journal of Human Evolution</i> , 2019, 127, 93-117.	2.6	17
64	Crown size and cusp proportions in Homo antecessor upper first molars. A comment on Quam et al. 2009. <i>Journal of Anatomy</i> , 2011, 218, 258-262.	1.5	16
65	On the misidentification and unreliable context of the new “human teeth” from Fuyan Cave (China). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
66	Quantifying trabecular orientation in the pelvic cancellous bone of modern humans, chimpanzees, and the Kebara 2 Neanderthal. <i>American Journal of Human Biology</i> , 2003, 15, 647-661.	1.6	15
67	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.	0.2	15
68	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.	2.5	14
69	Palaeopathology of the Pleistocene specimen D2600 from Dmanisi (Republic of Georgia). <i>Comptes Rendus - Palevol</i> , 2014, 13, 189-203.	0.2	12
70	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.	2.6	12
71	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
72	Inner morphological and metric characterization of the molar remains from the Montmaurin-La Niche mandible: The Neanderthal signal. <i>Journal of Human Evolution</i> , 2020, 145, 102739.	2.6	11

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73	Early Pleistocene hominin teeth from Meipu, southern China. <i>Journal of Human Evolution</i> , 2021, 151, 102924.	2.6	11
74	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.	0.2	10
75	Evolutionary interpretation of the modern human-like facial morphology of the Atapuerca Gran Dolina-TD6 hominins. <i>Anthropological Science</i> , 2014, 122, 149-155.	0.4	9
76	Early Pleistocene hominin deciduous teeth from the <i>Homo antecessor</i> Gran Dolina-TD6 bearing level (Sierra de Atapuerca, Spain). <i>American Journal of Physical Anthropology</i> , 2017, 163, 602-615.	2.1	9
77	Virtual reconstruction of the Early Pleistocene mandible <i>Homo antecessor</i> from Gran Dolina-TD6 (Sierra De Atapuerca, Spain). <i>American Journal of Physical Anthropology</i> , 2016, 159, 729-736.	2.1	8
78	New methodology to reconstruct in 2D the cuspal enamel of modern human lower molars. <i>American Journal of Physical Anthropology</i> , 2017, 163, 824-834.	2.1	8
79	Morphometric analysis of Atapuerca-Sima de los Huesos lower first molars. <i>Quaternary International</i> , 2017, 433, 156-162.	1.5	6
80	Response to Comment on <i>Homo antecessor</i> : A Middle Pleistocene <i>Homo</i> from Neshar Ramla, Israel. <i>Science</i> , 2021, 374, eabl5789.	12.6	5
81	Testing the inhibitory cascade model in the Middle Pleistocene Sima de los Huesos (Sierra de) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 14	1.5	3
82	The <i>Homo antecessor</i> collection: Modern deciduous human teeth at the Centro Nacional de Investigaciones sobre la Evolución Humana (Burgos, Spain). <i>American Journal of Physical Anthropology</i> , 2021, 176, 528-535.	2.1	3
83	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.	1.1	3
84	A descriptive and comparative study of two Early Pleistocene immature scapulae from the TD6.2 level of the Gran Dolina cave site (Sierra de Atapuerca, Spain). <i>Journal of Human Evolution</i> , 2020, 139, 102689.	2.6	2
85	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
86	Comparative dental study between <i>Homo antecessor</i> and Chinese <i>Homo erectus</i> : Nonmetric features and geometric morphometrics. <i>Journal of Human Evolution</i> , 2021, 161, 103087.	2.6	2
87	Dental remains of the Middle Pleistocene hominins from the Sima de los Huesos site (Sierra de) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 14	1.4	2
88	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	1.4	2
89	Early Pleistocene hominin teeth from Gongwangling of Lantian, Central China. <i>Journal of Human Evolution</i> , 2022, 168, 103212.	2.6	2
90	A broader perspective on estimating dental age for the Xujiayao juvenile, a late Middle Pleistocene archaic hominin from East Asia. <i>Journal of Human Evolution</i> , 2020, 148, 102850.	2.6	1

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91	What does Homo antecessor tell us about the origin of the "emergent humanity" that gave rise to Homo sapiens?. Journal of Anthropological Sciences, 2019, 96, 209-213.	0.4	1
92	Similarities and differences in the dental tissue proportions of the deciduous and permanent canines of Early and Middle Pleistocene human populations. Journal of Anatomy, 2022, 240, 339-356.	1.5	1
93	The protoconid: a key cusp in lower molars. Evidence from a recent modern human population. Annals of Human Biology, 2022, 49, 145-151.	1.0	1
94	A reply to Ribot et al. Journal of Anthropological Sciences, 2020, 98, .	0.4	0