

Aida Gomez-Robles

List of Publications by Year in descending order

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43
papers

2,433
citations

218381

26
h-index

264894

42
g-index

45
all docs

45
docs citations

45
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Dental evidence on the hominin dispersals during the Pleistocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13279-13282.	3.3	184
3	Relaxed genetic control of cortical organization in human brains compared with chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14799-14804.	3.3	151
4	Hominin lower second premolar morphology: evolutionary inferences through geometric morphometric analysis. <i>Journal of Human Evolution</i> , 2006, 50, 523-533.	1.3	145
5	A geometric morphometric analysis of hominin upper first molar shape. <i>Journal of Human Evolution</i> , 2007, 53, 272-285.	1.3	140
6	Exceptional Evolutionary Expansion of Prefrontal Cortex in Great Apes and Humans. <i>Current Biology</i> , 2017, 27, 714-720.	1.8	128
7	Dental remains from Dmanisi (Republic of Georgia): Morphological analysis and comparative study. <i>Journal of Human Evolution</i> , 2008, 55, 249-273.	1.3	116
8	Brain Plasticity and Human Evolution. <i>Annual Review of Anthropology</i> , 2017, 46, 399-419.	0.4	107
9	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
10	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.	1.3	92
11	MORPHOLOGICAL INTEGRATION IN THE HOMININ DENTITION: EVOLUTIONARY, DEVELOPMENTAL, AND FUNCTIONAL FACTORS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1024-1043.	1.1	86
12	A new early Pleistocene hominin mandible from Atapuerca-TD6, Spain. <i>Journal of Human Evolution</i> , 2008, 55, 729-735.	1.3	82
13	Increased morphological asymmetry, evolvability and plasticity in human brain evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130575.	1.2	79
14	Modular structure facilitates mosaic evolution of the brain in chimpanzees and humans. <i>Nature Communications</i> , 2014, 5, 4469.	5.8	79
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.	3.3	66
16	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
17	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
18	Dental evolutionary rates and its implications for the Neanderthal–modern human divergence. <i>Science Advances</i> , 2019, 5, eaaw1268.	4.7	52

#	ARTICLE	IF	CITATIONS
19	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
20	A cerebellar substrate for cognition evolved multiple times independently in mammals. <i>ELife</i> , 2018, 7, .	2.8	50
21	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
22	Brain enlargement and dental reduction were not linked in hominin evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 468-473.	3.3	45
23	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
24	The heritability of chimpanzee and human brain asymmetry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161319.	1.2	34
25	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.	1.1	29
26	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
27	Morphological integration in the gorilla, chimpanzee, and human neck. <i>American Journal of Physical Anthropology</i> , 2018, 166, 408-416.	2.1	23
28	Heritability of Gray Matter Structural Covariation and Tool Use Skills in Chimpanzees (Pan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td 29, 3702-3711.	1.6	22
29	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.	0.2	18
30	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.	0.9	16
31	Gradients in cytoarchitectural landscapes of the isocortex: Diprotodont marsupials in comparison to eutherian mammals. <i>Journal of Comparative Neurology</i> , 2017, 525, 1811-1826.	0.9	15
32	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
33	The dawn of Homo floresiensis. <i>Nature</i> , 2016, 534, 188-189.	13.7	9
34	Isolated teeth from La Ferrassie: Reassessment of the old collections, new remains, and their implications. <i>American Journal of Physical Anthropology</i> , 2019, 169, 132-142.	2.1	9
35	The human remains from Axlor (Dima, Biscay, northern Iberian Peninsula). <i>American Journal of Physical Anthropology</i> , 2020, 172, 475-491.	2.1	8
36	Landmarking Brains. , 2018, , 115-126.		6

#	ARTICLE	IF	CITATIONS
37	What teeth tell us. Nature, 2016, 530, 425-426.	13.7	5
38	Human brain evolution: How the increase of brain plasticity made us a cultural species. Metode, 2016, .	0.0	5
39	Facial asymmetry tracks genetic diversity among Gorilla subspecies. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212564.	1.2	4
40	The Late Neandertal permanent lower left third premolar from Walou Cave (Trooz, Belgium) and its context. American Journal of Physical Anthropology, 2017, 164, 193-202.	2.1	3
41	How Primate Brains Vary and Evolve. Trends in Cognitive Sciences, 2018, 22, 195-197.	4.0	2
42	Assessing complexity in hominid dental evolution: Fractal analysis of great ape and human molars. American Journal of Physical Anthropology, 2021, 174, 352-362.	2.1	2
43	The Gran Dolina-TD6 Human Fossil Remains and the Origin of Neanderthals. Vertebrate Paleobiology and Paleoanthropology, 2011, , 67-75.	0.1	0