Aida Gomez-Robles

List of Publications by Year
in descending order

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43 papers	2,433 citations	218677 26 h-index	265206 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). Journal of Human Evolution, 2012, 62, 7-58.	2.6	212
2	Dental evidence on the hominin dispersals during the Pleistocene. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13279-13282.	7.1	184
3	Relaxed genetic control of cortical organization in human brains compared with chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14799-14804.	7.1	151
4	Hominin lower second premolar morphology: evolutionary inferences through geometric morphometric analysis. Journal of Human Evolution, 2006, 50, 523-533.	2.6	145
5	A geometric morphometric analysis of hominin upper first molar shape. Journal of Human Evolution, 2007, 53, 272-285.	2.6	140
6	Exceptional Evolutionary Expansion of Prefrontal Cortex in Great Apes and Humans. Current Biology, 2017, 27, 714-720.	3.9	128
7	Dental remains from Dmanisi (Republic of Georgia): Morphological analysis and comparative study. Journal of Human Evolution, 2008, 55, 249-273.	2.6	116
8	Brain Plasticity and Human Evolution. Annual Review of Anthropology, 2017, 46, 399-419.	1.5	107
9	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.	2.6	101
10	Early Pleistocene human mandible from Sima del Elefante (TE) cave site in Sierra de Atapuerca (Spain): A comparative morphological study. Journal of Human Evolution, 2011, 61, 12-25.	2.6	92
11	MORPHOLOGICAL INTEGRATION IN THE HOMININ DENTITION: EVOLUTIONARY, DEVELOPMENTAL, AND FUNCTIONAL FACTORS. Evolution; International Journal of Organic Evolution, 2012, 66, 1024-1043.	2.3	86
12	A new early Pleistocene hominin mandible from Atapuerca-TD6, Spain. Journal of Human Evolution, 2008, 55, 729-735.	2.6	82
13	Increased morphological asymmetry, evolvability and plasticity in human brain evolution. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130575.	2.6	79
14	Modular structure facilitates mosaic evolution of the brain in chimpanzees and humans. Nature Communications, 2014, 5, 4469.	12.8	79
15	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.	7.1	66
16	A geometric morphometric analysis of hominin upper premolars. Shape variation and morphological integration. Journal of Human Evolution, 2011, 61, 688-702.	2.6	59
17	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.	7.1	52
18	Dental evolutionary rates and its implications for the Neanderthalâ€“modern human divergence. Science Advances, 2019, 5, eaaw1268.	10.3	52

#	Article	IF	Citations
19	A geometric morphometric analysis of hominin upper second and third molars, with particular emphasis on European Pleistocene populations. Journal of Human Evolution, 2012, 63, 512-526.	2.6	50
20	A cerebellar substrate for cognition evolved multiple times independently in mammals. ELife, 2018, 7, .	6.0	50
21	Early Pleistocene human mandible from Sima del Elefante (TE) cave site in Sierra de Atapuerca (Spain): A palaeopathological study. Journal of Human Evolution, 2011, 61, 1-11.	2.6	46
22	Brain enlargement and dental reduction were not linked in hominin evolution. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 468-473.	7.1	45
23	A geometric morphometric analysis of hominin lower molars: Evolutionary implications and overview of postcanine dental variation. Journal of Human Evolution, 2015, 82, 34-50.	2.6	44
24	The heritability of chimpanzee and human brain asymmetry. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161319.	2.6	34
25	EVOLUTIONARY NOVELTIES AND LOSSES IN GEOMETRIC MORPHOMETRICS: A PRACTICAL APPROACH THROUGH HOMININ MOLAR MORPHOLOGY. Evolution; International Journal of Organic Evolution, 2011, 65, 1772-1790.	2.3	29
26	Threeâ€dimensional evaluation of root canal morphology in lower second premolars of early and middle pleistocene human populations from atapuerca (Burgos, Spain). American Journal of Physical Anthropology, 2012, 147, 452-461.	2.1	28
27	Morphological integration in the gorilla, chimpanzee, and human neck. American Journal of Physical Anthropology, 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.	2.9	22
29	A morphological study of the tooth roots of the Sima del Elefante mandible (Atapuerca, Spain): a new classification of the teethâ€"biological and methodological considerations. Anthropological Science, 2012, 120, 61-72.	0.4	18
30	Crown size and cusp proportions in Homo antecessor upper first molars. A comment on Quam etÂal. 2009. Journal of Anatomy, 2011, 218, 258-262.	1.5	16
31	Gradients in cytoarchitectural landscapes of the isocortex: Diprotodont marsupials in comparison to eutherian mammals. Journal of Comparative Neurology, 2017, 525, 1811-1826.	1.6	15
32	Brain size and organization in the Middle Pleistocene hominins fromÂSima de los Huesos. Inferences from endocranial variation. Journal of Human Evolution, 2019, 129, 67-90.	2.6	10
33	The dawn of Homo floresiensis. Nature, 2016, 534, 188-189.	27.8	9
34	Isolated teeth from La Ferrassie: Reassessment of the old collections, new remains, and their implications. American Journal of Physical Anthropology, 2019, 169, 132-142.	2.1	9
35	The human remains from Axlor (Dima, Biscay, northern Iberian Peninsula). American Journal of Physical Anthropology, 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.	27.8	5
38	Human brain evolution: How the increase of brain plasticity made us a cultural species. Metode, 2016, .	0.1	5
39	Facial asymmetry tracks genetic diversity amongGorillasubspecies. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212564.	2.6	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.	7.8	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.	0.5	0