

Eudald Carbonell

List of Publications by Year in descending order

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40
papers

3,746
citations

126708

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264894

42
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43
all docs

43
docs citations

43
times ranked

1781
citing authors

#	ARTICLE	IF	CITATIONS
1	The first hominin of Europe. <i>Nature</i> , 2008, 452, 465-469.	13.7	545
2	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
3	The Early and Middle Pleistocene technological record from Sierra de Atapuerca (Burgos, Spain). <i>Quaternary International</i> , 2013, 295, 138-167.	0.7	186
4	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
5	The TD6 level lithic industry from Gran Dolina, Atapuerca (Burgos, Spain): production and use. <i>Journal of Human Evolution</i> , 1999, 37, 653-693.	1.3	162
6	Biochronology of Spanish Quaternary small vertebrate faunas. <i>Quaternary International</i> , 2010, 212, 109-119.	0.7	155
7	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
8	Age and Date for Early Arrival of the Acheulian in Europe (Barranc de la Boella, la Canonja, Spain). <i>PLoS ONE</i> , 2014, 9, e103634.	1.1	143
9	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
10	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
11	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
12	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
13	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
14	Combined ESR/U-series chronology of Acheulian hominid-bearing layers at Trincheras Galería site, Atapuerca, Spain. <i>Journal of Human Evolution</i> , 2013, 65, 168-184.	1.3	86
15	The emergence of symbolic behaviour: the sepulchral pit of Sima de los Huesos, Sierra de Atapuerca, Burgos, Spain. <i>Comptes Rendus - Palevol</i> , 2006, 5, 155-160.	0.1	84
16	ESR chronology of alluvial deposits in the Arlanzón valley (Atapuerca, Spain): Contemporaneity with Atapuerca Gran Dolina site. <i>Quaternary Geochronology</i> , 2012, 10, 418-423.	0.6	78
17	The earliest Acheulean technology at Atapuerca (Burgos, Spain): Oldest levels of the Galería site (GII) Tj ETQq1 1 0,784314 rgBT /Ovede	0.7	75
18	Structure morphotechnique de l'industrie lithique du Pléistocène inférieur et moyen d'Atapuerca (Burgos, Espagne). <i>Anthropologie</i> , 2001, 105, 259-280.	0.1	71

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19	New Luminescence Ages for the Galería Complex Archaeological Site: Resolving Chronological Uncertainties on the Acheulean Record of the Sierra de Atapuerca, Northern Spain. PLoS ONE, 2014, 9, e110169.	1.1	68
20	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
21	Bone as a technological raw material at the Gran Dolina site (Sierra de Atapuerca, Burgos, Spain). Journal of Human Evolution, 2011, 61, 125-131.	1.3	66
22	The lithic industry of Sima del Elefante (Atapuerca, Burgos, Spain) in the context of Early and Middle Pleistocene technology in Europe. Journal of Human Evolution, 2015, 82, 95-106.	1.3	65
23	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). Journal of Human Evolution, 2017, 105, 89-122.	1.3	64
24	Learning by Heart: Cultural Patterns in the Faunal Processing Sequence during the Middle Pleistocene. PLoS ONE, 2013, 8, e55863.	1.1	61
25	Continuity or discontinuity in the European Early Pleistocene human settlement: the Atapuerca evidence. Quaternary Science Reviews, 2013, 76, 53-65.	1.4	58
26	Homo antecessor : The state of the art eighteen years later. Quaternary International, 2017, 433, 22-31.	0.7	55
27	The Acheulean from Atapuerca: Three steps forward, one step back. Quaternary International, 2016, 411, 316-328.	0.7	49
28	The first direct ESR dating of a hominin tooth from Atapuerca Gran Dolina TD-6 (Spain) supports the antiquity of Homo antecessor. Quaternary Geochronology, 2018, 47, 120-137.	0.6	48
29	Hominin subsistence and site function of TD10.1 bone bed level at Gran Dolina site (Atapuerca) during the late Acheulean. Journal of Quaternary Science, 2015, 30, 679-701.	1.1	47
30	The nature of technological changes: The Middle Pleistocene stone tool assemblages from Galería and Gran Dolina-subunit TD10.1 (Atapuerca, Spain). Quaternary International, 2015, 368, 92-111.	0.7	45
31	Structural continuity and technological change in Lower Pleistocene toolkits. Quaternary International, 2016, 393, 6-18.	0.7	37
32	The dawn of the Middle Paleolithic in Atapuerca: the lithic assemblage of TD10.1 from Gran Dolina. Journal of Human Evolution, 2020, 145, 102812.	1.3	22
33	Short and long period growth markers of enamel formation distinguish European Pleistocene hominins. Scientific Reports, 2020, 10, 4665.	1.6	19
34	The top of the Gran Dolina (Atapuerca, Spain) sequence: A zooarchaeological and occupational perspective. Quaternary Science Reviews, 2018, 195, 48-71.	1.4	18
35	Estudio analítico de una clavícula completa de subadulto de Homo antecessor (site de Gran Dolina, Burgos). Tesis doctoral, Universidad de Burgos, 2013.	0.1	13
36	The TD6.3 faunal assemblage of the Gran Dolina site (Atapuerca, Spain): a late Early Pleistocene hyena den. Historical Biology, 2019, 31, 665-683.	0.7	12

#	ARTICLE	IF	CITATIONS
37	3D monitoring of Paleolithic archaeological excavations using terrestrial laser scanner systems (Sierra de Atapuerca, Railway Trench sites, Burgos, N Spain). <i>Digital Applications in Archaeology and Cultural Heritage</i> , 2020, 19, e00156.	0.9	9
38	Extended-range luminescence chronologies for the Middle Pleistocene units at the Sima del Elefante archaeological site (Sierra de Atapuerca, Burgos, Spain). <i>Quaternary Geochronology</i> , 2022, , 101318.	0.6	4
39	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
40	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