

Alfonso Benito-Calvo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5440966/publications.pdf>

Version: 2024-02-01

82
papers

2,773
citations

186265
28
h-index

182427
51
g-index

85
all docs

85
docs citations

85
times ranked

2121
citing authors

#	ARTICLE	IF	CITATIONS
1	San Quirce (Palencia, Spain): new chronologies for the Lower to Middle Palaeolithic transition of south-west Europe. <i>Journal of Quaternary Science</i> , 2023, 38, 21-37.	2.1	0
2	Defining and Characterising Clusters in Palaeolithic Sites: a Review of Methods and Constraints. <i>Journal of Archaeological Method and Theory</i> , 2022, 29, 305-333.	3.0	14
3	The intrusive nature of the Châtelperronian in the Iberian Peninsula. <i>PLoS ONE</i> , 2022, 17, e0265219.	2.5	20
4	Unraveling Châtelperronian high-density accumulations: the open-air site of Aranbaltza II (Bizkaia, Euzkadi). <i>Journal of Archaeological Method and Theory</i> , 2022, 29, 305-333.	2.8	3
5	Towards the steady state? A long-term river incision deceleration pattern during Pleistocene entrenchment (Upper Ebro River, Northern Spain). <i>Global and Planetary Change</i> , 2022, 213, 103813.	3.5	7
6	Assessing the influence of isotopic composition of water on that of clay minerals during chemical treatments. <i>Applied Clay Science</i> , 2022, 222, 106495.	5.2	3
7	New materials of the white rhinoceros (<i>Ceratotherium simum</i>) and aurochs (<i>Bos primigenius</i>) from a Late Pleistocene terrace of the Oued el Haïm (NE Morocco) - two elements of the Maghrebi Palearctic fauna. <i>Historical Biology</i> , 2022, 34, 1981-1999.	1.4	1
8	Atapuerca Neanderthal landscape at Fuente Mudarra site in Burgos, Spain, during Marine Isotope Stages 5-3. <i>Quaternary Research</i> , 2021, 99, 248-269.	1.7	7
9	Late Neanderthal subsistence strategies and cultural traditions in the northern Iberian Peninsula: Insights from Prado Vargas, Burgos, Spain. <i>Quaternary Science Reviews</i> , 2021, 254, 106795.	3.0	14
10	Sinkhole subsidence monitoring combining terrestrial laser scanner and high-precision levelling. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 1431-1444.	2.5	8
11	New excavations in the MNK Skull site, and the last appearance of the Oldowan and <i>Homo habilis</i> at Olduvai Gorge, Tanzania. <i>Journal of Anthropological Archaeology</i> , 2021, 61, 101255.	1.6	16
12	Shedding light on pre-Columbian crania collections through state-of-the-art 3D scanning techniques. <i>Virtual Archaeology Review</i> , 2021, 12, 1.	1.9	6
13	Three-dimensional surface morphometry differentiates behaviour on primate percussive stone tools. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210576.	3.4	7
14	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.	1.3	9
15	Pliocene endorheic-exhoreic drainage transition of the Cenozoic Madrid Basin (Central Spain). <i>Global and Planetary Change</i> , 2020, 194, 103295.	3.5	11
16	Reconstructing Mousterian landscapes in the southeastern Pyrenees (Roca dels Bous site, Euzkadi). <i>Journal of Archaeological Method and Theory</i> , 2020, 27, 142-150.	1.7	7
17	New insights for understanding spatial patterning and formation processes of the Neanderthal occupation in the Amalda I cave (Gipuzkoa, Spain). <i>Scientific Reports</i> , 2020, 10, 8733.	3.3	24
18	Geomorphological analysis using small unmanned aerial vehicles and submeter GNSS (Gara Soutana, Euzkadi). <i>Journal of Archaeological Method and Theory</i> , 2020, 27, 142-150.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Pen management and livestock activities based on phytoliths, dung spherulites, and minerals from Cova Gran de Santa Linya (Southeastern pre-Pyrenees). <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	16
20	Inside the Palimpsest: Identifying Short Occupations in the 497D Level of Cova Gran (Iberia). <i>Interdisciplinary Contributions To Archaeology</i> , 2020, , 39-69.	0.3	7
21	Estudio de la evoluci3n cuaternaria de un modelado fluvial escalonado intramonta4oso mediante 4ndices morfom4tricos: r4o Lozoya, Sistema Central Espa4ol. <i>Estudios Geologicos</i> , 2020, 76, e134.	0.2	0
22	Site formation processes at Donggutuo: a major Early Pleistocene site in the Nihewan Basin, North China. <i>Journal of Quaternary Science</i> , 2019, 34, 621-632.	2.1	5
23	Review on sinkhole monitoring and performance of remediation measures by high-precision leveling and terrestrial laser scanner in the salt karst of the Ebro Valley, Spain. <i>Engineering Geology</i> , 2019, 248, 283-308.	6.3	40
24	A bunch of refits: 497D blade knapping assemblage of the Early Upper Paleolithic in Cova Gran (Northeast Iberia). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 4585-4600.	1.8	8
25	Spatial and orientation patterns of experimental stone tool refits. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 4569-4584.	1.8	23
26	Rapid subsidence in damaging sinkholes: Measurement by high-precision leveling and the role of salt dissolution. <i>Geomorphology</i> , 2018, 303, 393-409.	2.6	31
27	The impact of hydraulic processes in Olduvai Beds I and II, Tanzania, through a particle dimension analysis of stone tool assemblages. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 218-236.	1.5	17
28	Quantifying 3D Micro4Surface Changes on Experimental Stones Used to Break Bones and Their Implications for the Analysis of Early Stone Age Pounding Tools. <i>Archaeometry</i> , 2018, 60, 419-436.	1.3	24
29	Montane pine forests in NE Iberia during MIS 3 and MIS 2. A study based on new anthracological evidence from Cova Gran (Santa Linya, Iberian Pre-Pyrenees). <i>Review of Palaeobotany and Palynology</i> , 2018, 258, 62-72.	1.5	26
30	4D Monitoring of Active Sinkholes with a Terrestrial Laser Scanner (TLS): A Case Study in the Evaporite Karst of the Ebro Valley, NE Spain. <i>Remote Sensing</i> , 2018, 10, 571.	4.0	18
31	3D 3604 surface morphometric analysis of pounding stone tools used by Hadza foragers of Tanzania: A new methodological approach for studying percussive stone artefacts. <i>Journal of Archaeological Science: Reports</i> , 2018, 20, 611-621.	0.5	15
32	Pleistocene sedimentary facies of the Gran Dolina archaeo-paleoanthropological site (Sierra de Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	1.5	46
33	San Quirce (Palencia, Spain). A Neanderthal open air campsite with short term-occupation patterns. <i>Quaternary International</i> , 2017, 435, 115-128.	1.5	10
34	2D and 3D ERT imaging for identifying karst morphologies in the archaeological sites of Gran Dolina and Galer4a Complex (Sierra de Atapuerca, Burgos, Spain). <i>Quaternary International</i> , 2017, 433, 393-401.	1.5	21
35	Palaeogeographical reconstruction of the Sierra de Atapuerca Pleistocene sites (Burgos, Spain). <i>Quaternary International</i> , 2017, 433, 379-392.	1.5	23
36	Archaeological surveys today: Projects, methods and results. The case of Sierra de Atapuerca (Burgos,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.5	10

#	ARTICLE	IF	CITATIONS
37	Quartzite selection in fluvial deposits: The N12 level of Roca dels Bous (Middle Palaeolithic,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 15	1.5	15
38	Assessing the effects of temporal ambivalence on defining palaeosystem interrelations, and applicability to the analysis of archaeological survey data. Quaternary International, 2017, 435, 13-34.	1.5	0
39	What's happening now in Atapuerca? Latest research at the Sierra de Atapuerca sites. Quaternary International, 2017, 433, 2-4.	1.5	0
40	Imaging and photogrammetry models of Olduvai Gorge (Tanzania) by Unmanned Aerial Vehicles: A high-resolution digital database for research and conservation of Early Stone Age sites. Journal of Archaeological Science, 2016, 75, 40-56.	2.4	45
41	Assessing automated image analysis of sand grain shape to identify sedimentary facies, Gran Dolina archaeological site (Burgos, Spain). Sedimentary Geology, 2016, 346, 72-83.	2.1	28
42	New interpretation of the Gran Dolina-TD6 bearing Homo antecessor deposits through sedimentological analysis. Scientific Reports, 2016, 6, 34799.	3.3	22
43	Formation processes and stratigraphic integrity of the Middle-to-Upper Palaeolithic sequence at Cova Gran de Santa Linya (Southeastern Prepyrenees of Lleida, Iberian Peninsula). Quaternary International, 2016, 417, 16-38.	1.5	24
44	From site formation processes to human behaviour: Towards a constructive approach to depict palimpsests in Roca dels Bous. Quaternary International, 2016, 417, 82-93.	1.5	27
45	Assessment of Accumulation Processes at the Middle Pleistocene Site of Ambrona (Soria, Spain). Density and Orientation Patterns in Spatial Datasets Derived from Excavations Conducted from the 1960s to the Present. PLoS ONE, 2016, 11, e0167595.	2.5	34
46	Datación de dos terrazas rocosas del valle del Río Lozoya (Comunidad De Madrid, España) mediante los isótopos cosmogénicos Be-10 y Al-26.. Cuaternario Y Geomorfología, 2016, 30, 37.	0.2	2
47	Chronological and palaeoenvironmental context of human occupations at the Buendía rockshelter (Central Spain) during the late Upper Pleistocene in inland Iberia. Journal of Quaternary Science, 2015, 30, 376-390.	2.1	6
48	Geomorphology of the Sierra de Atapuerca and the Middle Arlanzán Valley (Burgos, Spain). Journal of Maps, 2015, 11, 535-544.	2.0	30
49	Geomorphology of the Lozoya river drainage basin area (Community of Madrid, Spanish Central) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 15	2.0	6
50	Erratum to "Acheulean technological behaviour in the Middle Pleistocene landscape of Mieso (East-Central Ethiopia)" [J. Hum. Evol. 76 (2014) 1-25]. Journal of Human Evolution, 2015, 82, 197.	2.6	0
51	First GIS Analysis of Modern Stone Tools Used by Wild Chimpanzees (Pan troglodytes verus) in Bossou, Guinea, West Africa. PLoS ONE, 2015, 10, e0121613.	2.5	46
52	Acheulean technological behaviour in the Middle Pleistocene landscape of Mieso (East-Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.6	50
53	The geology and chronology of the Acheulean deposits in the Mieso area (East-Central Ethiopia). Journal of Human Evolution, 2014, 76, 26-38.	2.6	17
54	Prehistoric herding facilities: site formation processes and archaeological dynamics in Cova Gran de Santa Linya (Southeastern Prepyrenees, Iberia). Journal of Archaeological Science, 2014, 41, 784-800.	2.4	58

#	ARTICLE	IF	CITATIONS
55	Atapuerca Karst and its Palaeoanthropological Sites. <i>World Geomorphological Landscapes</i> , 2014, , 101-110.	0.3	10
56	Application of GIS methods to retrieve orientation patterns from imagery; a case study from Beds I and II, Olduvai Gorge (Tanzania). <i>Journal of Archaeological Science</i> , 2013, 40, 2446-2457.	2.4	38
57	Experimental protocols for the study of battered stone anvils from Olduvai Gorge (Tanzania). <i>Journal of Archaeological Science</i> , 2013, 40, 313-332.	2.4	86
58	Evolution of multilevel caves in the Sierra de Atapuerca (Burgos, Spain) and its relation to human occupation. <i>Geomorphology</i> , 2013, 196, 122-137.	2.6	69
59	<scp>OSL</scp> dating of the <scp>M</scp>iddle <scp>P</scp>alaeolithic <scp>H</scp>otel <scp>C</scp>alifornia site, <scp>S</scp>ierra <scp>d</scp>e <scp>A</scp>tapuerca, northâ€œcentral <scp>S</scp>pain. <i>Boreas</i> , 2013, 42, 285-305.	2.4	81
60	Aprovisionamiento de sÃlex en el Prepirineo oriental durante el PaleolÃtico superior antiguo: el nivel arqueolÃgico 497C de Cova Gran (Santa Linya, Lleida). <i>Trabajos De Prehistoria</i> , 2013, 70, 7-27.	0.7	13
61	ESR chronology of alluvial deposits in the ArlanzÃn valley (Atapuerca, Spain): Contemporaneity with Atapuerca Gran Dolina site. <i>Quaternary Geochronology</i> , 2012, 10, 418-423.	1.4	78
62	Hundidero: mis 4 open air neanderthal occupations in Sierra de Atapuerca. <i>Archaeology, Ethnology and Anthropology of Eurasia</i> , 2011, 39, 29-41.	0.2	20
63	Trampling experiments at Cova Gran de Santa Linya, Pre-Pyrenees, Spain: their relevance for archaeological fabrics of the Upperâ€œMiddle Paleolithic assemblages. <i>Journal of Archaeological Science</i> , 2011, 38, 3652-3661.	2.4	31
64	Analysis of orientation patterns in Olduvai Bed I assemblages using GIS techniques: Implications for site formation processes. <i>Journal of Human Evolution</i> , 2011, 61, 50-60.	2.6	74
65	Chronoâ€œstratigraphy of the Upper Pleistocene and Holocene archaeological sequence in Cova Gran (southâ€œeastern Preâ€œPyrenees, Iberian Peninsula). <i>Journal of Quaternary Science</i> , 2011, 26, 635-644.	2.1	34
66	Applying electrical resistivity tomography to the identification of endokarstic geometries in the Pleistocene Sites of the Sierra de Atapuerca (Burgos, Spain). <i>Archaeological Prospection</i> , 2010, 17, 233-245.	2.2	24
67	Geomorphology and prehistoric flint mining evidence in the Sierra de Araico (Basque-Cantabrian) Tj ETQq1 1 0.784314 rgBT /Overlock 2.0 6	2.0	6
68	Assessing regional geodiversity: the Iberian Peninsula. <i>Earth Surface Processes and Landforms</i> , 2009, 34, 1433-1445.	2.5	128
69	Sedimentological and archaeological fabrics in Palaeolithic levels of the South-Eastern Pyrenees: Cova Gran and Roca dels Bous Sites (Lleida, Spain). <i>Journal of Archaeological Science</i> , 2009, 36, 2566-2577.	2.4	48
70	Quantitative reconstruction of Late Cenozoic landscapes: a case study in the Sierra de Atapuerca (Burgos, Spain). <i>Earth Surface Processes and Landforms</i> , 2008, 33, 196-208.	2.5	56
71	The first hominin of Europe. <i>Nature</i> , 2008, 452, 465-469.	27.8	545
72	Raw stone material supply for Upper Pleistocene settlements in Sierra de Atapuerca (Burgos, Spain): flint characterization using petrographic and geochemical techniques. <i>Journal of Archaeological Science</i> , 2008, 35, 1961-1973.	2.4	33

#	ARTICLE	IF	CITATIONS
73	Erosion surfaces and Neogene landscape evolution in the NE Duero Basin (north-central Spain). <i>Geomorphology</i> , 2007, 88, 226-241.	2.6	45
74	Matuyama-age lithic tools from the Sima del Elefante site, Atapuerca (northern Spain). <i>Journal of Human Evolution</i> , 2006, 50, 163-169.	2.6	117
75	An Early Pleistocene hominin mandible from Atapuerca-TD6, Spain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 5674-5678.	7.1	152
76	Hydrological and geomorphological criteria to evaluate the dispersion risk of waste sludge generated by the Aznalcollar mine spill (SW Spain). <i>Environmental Geology</i> , 2001, 40, 417-428.	1.2	28
77	Fluvial geomorphology and hydrology in the dispersal and fate of pyrite mud particles released by the Aznalcollar mine tailings spill. <i>Science of the Total Environment</i> , 1999, 242, 13-26.	8.0	54
78	19. Paleomagnetic constraints on the Atapuerca karst development (N Spain). <i>Special Paper of the Geological Society of America</i> , 0, , 285-300.	0.5	5
79	Verificando la integridad del registro arqueológico: análisis de fábricas en las unidades arqueológicas del paleolítico medio/superior de la Cova Gran (Santa Linya, Lleida). <i>Treballs D Arqueologia</i> , 0, 20, 55.	0.0	5
80	The archaeological site of Forat de Conqueta (Santa Linya, Lleida) chalcolitic-ancient Bronze. <i>Treballs D Arqueologia</i> , 0, 16, 7.	0.0	1
81	Characterization and origin of lithic raw materials from the collective grave of Forat de Conqueta. <i>Treballs D Arqueologia</i> , 0, 16, 71.	0.0	0
82	Conceptos básicos y métodos en geoarqueología: geomorfología, estratigrafía y sedimentología. <i>Treballs D Arqueologia</i> , 0, 20, 41.	0.0	0