Gloria Cuenca BescÃ³s

List of Publications by Year
in descending order

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111 papers	5,240 citations	126708 33 h-index	91712 69 g-index
117 all docs	117 docs citations	117 times ranked	2659 citing authors

#	Article	IF	Citations
1	The first hominin of Europe. Nature, 2008, 452, 465-469.	13.7	545
2	Lower Pleistocene hominids and artifacts from Atapuerca-TD6 (Spain). Science, 1995, 269, 826-830.	6.0	410
3	Neandertal roots: Cranial and chronological evidence from Sima de los Huesos. Science, 2014, 344, 1358-1363.	6.0	356
4	One million years of cultural evolution in a stable environment at Atapuerca (Burgos, Spain). Quaternary Science Reviews, 2011, 30, 1396-1412.	1.4	231
5	High-resolution U-series dates from the Sima de los Huesos hominids yields : implications for the evolution of the early Neanderthal lineage. Journal of Archaeological Science, 2007, 34, 763-770.	1.2	196
6	Long-term climate record inferred from early-middle Pleistocene amphibian and squamate reptile assemblages at the Gran Dolina Cave, Atapuerca, Spain. Journal of Human Evolution, 2009, 56, 55-65.	1.3	169
7	The reconstruction of past environments through small mammals: from the Mousterian to the Bronze Age in El MirÃ³n Cave (Cantabria, Spain). Journal of Archaeological Science, 2009, 36, 947-955.	1.2	161
8	Biochronology of Spanish Quaternary small vertebrate faunas. Quaternary International, 2010, 212, 109-119.	0.7	155
9	Postcranial morphology of the middle Pleistocene humans from Sima de los Huesos, Spain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11524-11529.	3.3	150
10	Biochronological implications of the Arvicolidae (Rodentia, Mammalia) from the Lower Pleistocene hominid-bearing level of Trinchera Dolina 6 (TD6, Atapuerca, Spain). Journal of Human Evolution, 1999, 37, 353-373.	1.3	126
11	The Earlyâ€“Middle Pleistocene palaeoenvironmental change based on the squamate reptile and amphibian proxies at the Gran Dolina site, Atapuerca, Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 261, 177-192.	1.0	125
12	Climate forcing of first hominid dispersal in Western Europe. Journal of Human Evolution, 2009, 57, 815-821.	1.3	121
13	Palaeoenvironmental and palaeoclimatic reconstruction of the Latest Pleistocene of El PortalÃ³n Site, Sierra de Atapuerca, northwestern Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 292, 453-464.	1.0	108
14	New dinosaur sites correlated with Upper Maastrichtian pelagic deposits in the Spanish Pyrenees: implications for the dinosaur extinction pattern in Europe. Cretaceous Research, 2001, 22, 41-61.	0.6	98
15	Biomaterials in orthopaedic surgery: effects of different hydroxyapatites and demineralized bone matrix on proliferation rate and bone matrix synthesis by human osteoblasts. Biomaterials, 1995, 16, 397-402.	5.7	95
16	A new sauropod:Tastavinsaurus sanzigen. et sp. nov. from the Early Cretaceous (Aptian) of Spain. Journal of Vertebrate Paleontology, 2008, 28, 712-731.	0.4	95
17	The Earlyâ€“Middle Pleistocene environmental and climatic change and the human expansion in Western Europe: A case study with small vertebrates (Gran Dolina, Atapuerca, Spain)â˜†. Journal of Human Evolution, 2011, 60, 481-491.	1.3	86
18	Small mammals from Sima de los Huesos. Journal of Human Evolution, 1997, 33, 175-190.	1.3	73

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19	Climate and environment of the earliest West European hominins inferred from amphibian and squamate reptile assemblages: Sima del Elefante Lower Red Unit, Atapuerca, Spain. Quaternary Science Reviews, 2010, 29, 3034-3044.	1.4	71
20	The Gran Dolina site (Lower to Middle Pleistocene, Atapuerca, Burgos, Spain): new palaeoenvironmental data based on the distribution of small mammals. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 186, 311-334.	1.0	57
21	Small vertebrates (Amphibia, Squamata, Mammalia) from the late Pleistocene-Holocene of the Valdavara-1 cave (Galicia, northwestern Spain). Geobios, 2011, 44, 253-269.	0.7	56
22	La sÃ©quence des rongeurs (Mammalia) des sites du PlÃ©istocÃ¨ne infÃ©rieur et moyen d' Atapuerca (Burgos, Espagne). Anthropologie, 2001, 105, 115-130.	0.1	50
23	The archaeology and paleoenvironment of an Upper Pleistocene hyena den: An integrated approach. Journal of Archaeological Science, 2010, 37, 919-935.	1.2	50
24	Amphibians and squamate reptiles from the latest Maastrichtian (Upper Cretaceous) of Blasi 2 (Huesca,) Tj ETQq0 0 0 rgBT /Overlock 10	0.6	50
25	The small mammals of Sima del Elefante (Atapuerca, Spain) and the first entrance of Homo in Western Europe. Quaternary International, 2013, 295, 28-35.	0.7	47
26	Chronological, environmental, and climatic precisions on the Neanderthal site of the Cova del Gegant (Sitges, Barcelona, Spain). Journal of Human Evolution, 2008, 55, 1151-1155.	1.3	40
27	Comparing two different Early Pleistocene microfaunal sequences from the caves of Atapuerca, Sima del Elefante and Gran Dolina (Spain): Biochronological implications and significance of the Jaramillo subchron. Quaternary International, 2015, 389, 148-158.	0.7	39
28	Small-mammal diversity in Spain during the late Pleistocene to early Holocene: Climate, landscape, and human impact. Geology, 2013, 41, 267-270.	2.0	38
29	Palaeoenvironmental and palaeoclimatic proxies of the Gorhamâ€™s cave small mammal sequence, Gibraltar, southern Iberia. Quaternary International, 2011, 243, 137-142.	0.7	36
30	A context for the last Neandertals of interior Iberia: Los Casares cave revisited. PLoS ONE, 2017, 12, e0180823.	1.1	36
31	Late Quaternary small mammal turnover in the Cantabrian Region: The extinction of Pliomys lenki (Rodentia, Mammalia). Quaternary International, 2010, 212, 129-136.	0.7	35
32	First record of Beremendia fissidens (Mammalia, Soricidae) in the Pleistocene of the Iberian Peninsula, with a review of the biostratigraphy, biogeography and palaeoecology of the species. Comptes Rendus - Palevol, 2009, 8, 21-37.	0.1	33
33	Palaeoenvironment and palaeoclimate of the Mousterianâ€“Aurignacian transition in northern Iberia: The small-vertebrate assemblage from Cueva del Conde (Santo Adriano, Asturias). Journal of Human Evolution, 2011, 61, 108-116.	1.3	33
34	Investigating the Mid-Brunhes Event in the Spanish terrestrial sequence. Geology, 2012, 40, 1051-1054.	2.0	33
35	Level TE9c of Sima del Elefante (Sierra de Atapuerca, Spain): A comprehensive approach. Quaternary International, 2017, 433, 278-295.	0.7	33
36	Two new mammalian teeth (Multituberculata and Peramura) from the Lower Cretaceous (Barremian) of Spain. Cretaceous Research, 1996, 17, 215-228.	0.6	31

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37	A new Early Cretaceous lamniform shark (Chondrichthyes, Neoselachii). Zoological Journal of the Linnean Society, 2008, 154, 278-290.	1.0	31
38	A new genus of red-toothed shrew (Mammalia, Soricidae) from the Early Pleistocene of Gran Dolina (Atapuerca, Burgos, Spain), and a phylogenetic approach to the Eurasiatic Soricinae. Zoological Journal of the Linnean Society, 2009, 155, 904-925.	1.0	31
39	A New Species of Water Vole from the Early Pleistocene of Southern Europe. Acta Palaeontologica Polonica, 2010, 55, 565-580.	0.4	31
40	First evidence of poisonous shrews with an envenomation apparatus. Die Naturwissenschaften, 2007, 94, 113-116.	0.6	30
41	Evolutionary history and biogeography of the genus Crocidura (Mammalia, Soricidae) in Europe, with emphasis on Crocidura kornfeldi. Mammalian Biology, 2011, 76, 64-78.	0.8	30
42	The end of the Last Glacial Maximum in the Iberian Peninsula characterized by the small-mammal assemblages. Journal of Iberian Geology, 2014, 40, .	0.7	30
43	Pleistocene history of Iberomys, an endangered endemic rodent from southwestern Europe. Integrative Zoology, 2014, 9, 481-497.	1.3	30
44	What does the oxygen isotope composition of rodent teeth record?. Earth and Planetary Science Letters, 2013, 361, 258-271.	1.8	29
45	Early Pleistocene palaeoenvironments at the time of the Homo antecessor settlement in the Gran Dolina cave (Atapuerca, Spain). Journal of Quaternary Science, 2013, 28, 311-319.	1.1	28
46	Was the European cave bear an occasional scavenger?. Lethaia, 2012, 45, 96-108.	0.6	27
47	Late Miocene/Early Pliocene vertebrate fauna from Mallorca (Balearic Islands, Western) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	27
48	Updated Atapuerca biostratigraphy: Small-mammal distribution and its implications for the biochronology of the Quaternary in Spain. Comptes Rendus - Palevol, 2016, 15, 621-634.	0.1	27
49	Bone Accumulation by Leopards in the Late Pleistocene in the Moncayo Massif (Zaragoza, NE Spain). PLoS ONE, 2014, 9, e92144.	1.1	26
50	Human occupation of Iberia prior to the Jaramillo magnetochron (>1.07 Myr). Quaternary Science Reviews, 2014, 98, 84-99.	1.4	26
51	Walk the line: 600000 years of molar evolution constrained by allometry in the fossil rodent Mimomys savini. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20140057.	1.8	25
52	Biochronological data inferred from the early Pleistocene Arvicolinae (Mammalia, Rodentia) of the El Chaparral site (Sierra del Chaparral, CÃ¡diz, southwestern Spain). Journal of Vertebrate Paleontology, 2012, 32, 1149-1156.	0.4	24
53	Biochronological data inferred from the Early Pleistocene small mammals of the Barranc de la Boella site (Tarragona, northâ€eastern Spain). Journal of Quaternary Science, 2014, 29, 722-728.	1.1	24
54	Mimomys savini size evolution in the Early Pleistocene of south-western Europe and possible biochronological implications. Quaternary Science Reviews, 2013, 76, 96-101.	1.4	23

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55	Ungulate carrying capacity in Pleistocene Mediterranean ecosystems: Evidence from the Atapuerca sites. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 393, 122-134.	1.0	23
56	Lateglacial to Late Holocene palaeoclimatic and palaeoenvironmental reconstruction of El Mirador cave (Sierra de Atapuerca, Burgos, Spain) using the small-mammal assemblages. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 471, 71-81.	1.0	23
57	Diverse responses of common vole (Microtus arvalis) populations to Late Glacial and Early Holocene climate changes â€“ Evidence from ancient DNA. Quaternary Science Reviews, 2020, 233, 106239.	1.4	23
58	NEW MULTITUBERCULATE MAMMALS FROM THE HAUTERIVIAN/BARREMIAN TRANSITION OF EUROPE (IBERIAN) Tj ETQq0 0 0 rgBT /Ove	1.0	22
59	A new basal ornithopod dinosaur from the Barremian of Galve, Spain. Comptes Rendus - Palevol, 2012, 11, 435-444.	0.1	21
60	A post-Jaramillo age for the artefact-bearing layer TD4 (Gran Dolina, Atapuerca): New paleomagnetic evidence. Quaternary Geochronology, 2018, 45, 1-8.	0.6	21
61	A megatheropod tooth from the late Tithonian â€“ middle Berriasian (Jurassic- Cretaceous transition) of Galve (AragÃ³n, NE Spain). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2006, 239, 77-99.	0.2	21
62	A systematic reassessment of Early Cretaceous multituberculates from Galve (Teruel, Spain). Cretaceous Research, 2011, 32, 45-57.	0.6	20
63	A very diverse amphibian and reptile assemblage from the late Middle Pleistocene of the Sierra de Atapuerca (Sima del Elefante, Burgos, Northwestern Spain). Geobios, 2011, 44, 157-172.	0.7	20
64	The southwesternmost record of Sicista (Mammalia; Dipodidae) in Eurasia, with a review of the palaeogeography and palaeoecology of the genus in Europe. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 348-349, 67-73.	1.0	19
65	Environmental change across the Early-Middle Pleistocene transition: small mammalian evidence from the Trinchera Dolina cave, Atapuerca, Spain. Geological Society Special Publication, 2005, 247, 277-286.	0.8	18
66	The Early Pleistocene paleontological site in the Sierra del Chaparral (Villaluenga del Rosario, CÃ¡diz,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	17
67	Fossil bats from the Late Pleistocene site of the AguilÃ³n P7 Cave (Zaragoza, Spain). Comptes Rendus - Palevol, 2016, 15, 501-514.	0.1	17
68	Beavers (Castoridae, Rodentia, Mammalia) from the Quaternary sites of the Sierra de Atapuerca, in Burgos, Spain. Quaternary International, 2017, 433, 263-277.	0.7	17
69	The vegetational and climatic contexts of the Lower Magdalenian human burial in El MirÃ³n Cave (Cantabria, Spain): implications related to human behavior. Journal of Archaeological Science, 2015, 60, 66-74.	1.2	16
70	Evidence of paleoecological changes and Mousterian occupations at the GalerÃa de las Estatuas site, Sierra de Atapuerca, northern Iberian plateau, Spain. Quaternary Research, 2017, 88, 345-367.	1.0	16
71	The Iberian Peninsula, the last European refugium of panthera pardus linnaeus 1758 during the Upper Pleistocene. Quaternaire, 2013, , 13-24.	0.1	15
72	Carnivores from Los Rincones, a leopard den in the highest mountain of the Iberian range (Moncayo,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	14

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73	Pleistocene evolutionary trends in dental morphology of Mimomys. Quaternaire, 2013, , 179-190.	0.1	14
74	First report on the birds (Aves) from level TE7 of Sima del Elefante (Early Pleistocene) of Atapuerca (Spain). Quaternary International, 2016, 421, 12-22.	0.7	13
75	New Dryolestidan Mammal from the Hauterivianâ€"Barremian Transition of the Iberian Peninsula. Acta Palaeontologica Polonica, 2011, 56, 257-267.	0.4	12
76	First record of Sorex (Drepanosorex) margaritodon (Mammalia, Soricidae) in Western Europe: biostratigraphy, biogeography and evolution of the species. Palaontologische Zeitschrift, 2013, 87, 529-541.	0.8	12
77	A Late Pleistocene (MIS3) ungulate mammal assemblage (Los Rincones, Zaragoza, Spain) in the Eurosiberianâ€"Mediterranean boundary. Historical Biology, 2016, 28, 358-389.	0.7	12
78	Paleoecological and microenvironmental aspects of the first European hominids inferred from the taphonomy of small mammals (Sima del Elefante, Sierra de Atapuerca, Spain). Comptes Rendus - Palevol, 2016, 15, 635-646.	0.1	11
79	Climate and amphibian body size: a new perspective gained from the fossil record. Ecography, 2018, 41, 1307-1318.	2.1	11
80	Cranial Biometrics of the Iberian Myotis myotis/Myotis blythii Complex: New Data for Studying the Fossil Record. Journal of Mammalian Evolution, 2019, 26, 333-344.	1.0	11
81	New evidence for the greater noctule bat (Nyctalus lasiopterus) in the Late Pleistocene of western Europe. Comptes Rendus - Palevol, 2009, 8, 551-558.	0.1	10
82	Relationship between Magdalenian subsistence and environmental change: The mammalian evidence from El MirÃ³n (Spain). Quaternary International, 2012, 272-273, 125-137.	0.7	10
83	The fossil bat assemblage of Sima del Elefante Lower Red Unit (Atapuerca, Spain): First results and contribution to the palaeoenvironmental approach to the site. Comptes Rendus - Palevol, 2016, 15, 647-657.	0.1	10
84	Spalacotheriid â€˜symmetrodontsâ€™ from the Early Cretaceous of Spain. Journal of Vertebrate Paleontology, 2014, 34, 1427-1436.	0.4	9
85	Fossil bat assemblages as palaeoenvironmental and palaeoclimatic indicators: A case study in the Lower to Middle Pleistocene Gran Dolina sequence of Sierra de Atapuerca, Northern Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 535, 109365.	1.0	9
86	Rodents as indicators of the climatic conditions during the Middle Pleistocene in the southwestern Mediterranean region: implications for the environment in which hominins lived. Journal of Human Evolution, 2021, 150, 102911.	1.3	9
87	Human impact on small-mammal diversity during the middle- to late-Holocene in Iberia: The case of El Mirador cave (Sierra de Atapuerca, Burgos, Spain). Holocene, 2017, 27, 1067-1077.	0.9	8
88	Did humans disturb bats? Exploring the hominin-chiropter interactions in the Sierra de Atapuerca sites (early to Middle Pleistocene, Spain). Quaternary Science Reviews, 2019, 226, 106018.	1.4	8
89	The Cova des Pas de Vallgornera (Llucmajor, Mallorca): a singular deposit bearing an exceptional well preserved Early Pleistocene vertebrate fauna. International Journal of Speleology, 2014, 43, 175-192.	0.4	7
90	Molecular phylogenetics supports the origin of an endemic Balearic shrew lineage (Nesiotites) coincident with the Messinian Salinity Crisis. Molecular Phylogenetics and Evolution, 2018, 125, 188-195.	1.2	7

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91	Tissue Doppler echocardiography detects subclinical left ventricular dysfunction in patients undergoing chemotherapy for colon cancer: insights from ONCOECHO multicentre study. Kardiologia Polska, 2017, 75, 150-156.	0.3	7
92	Biostratigraphy, palaeogeography and palaeoenvironmental significance of Sorex runtonensis Hinton, 1911 (Mammalia, Soricidae): First record from the Iberian Peninsula. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 459, 508-517.	1.0	6
93	The role of birds in Late Pleistocene Eurosiberian-Mediterranean boundary reconstructions in Western Europe. Quaternary International, 2018, 481, 113-122.	0.7	6
94	Human Activities, Biostratigraphy and Past Environment Revealed by Small-Mammal Associations at the Chalcolithic Levels of El PortalÃ³n de Cueva Mayor (Atapuerca, Spain). Quaternary, 2021, 4, 16.	1.0	6
95	One million years of diversity shifts in amphibians and reptiles in a Mediterranean landscape: resilience rules the Quaternary. Palaeontology, 2021, 64, 673-686.	1.0	6
96	Exceptional biting capacities of the Early Pleistocene fossil shrewBeremendia fissidens(Soricidae, Eulipotyphla, Mammalia): new taphonomic evidence. Historical Biology, 2015, 27, 978-986.	0.7	5
97	Structure and composition of tooth enamel in quaternary soricines (Mammalia). Quaternary International, 2018, 481, 52-60.	0.7	5
98	Avian eggshell remains in the human bearing level TD6 of the Gran Dolina site (Early Pleistocene,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	0.7	5
99	Cueva de los Torrejones revisited. New insights on the paleoecology of inland Iberia during the Late Pleistocene. Quaternary Science Reviews, 2021, 253, 106765.	1.4	5
100	Early-Middle Pleistocene freshwater ecosystems in the Sierra de Atapuerca (northern Iberia) based on the Gran Dolina fish record. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 574, 110444.	1.0	4
101	Avian remains from the Upper Pleistocene (MIS3) site of AguilÃ³n P-7, south of the Ebro River, Spain. Historical Biology, 2016, 28, 774-786.	0.7	3
102	Los Batanes (Biescas, Spain), a roost site for horseshoe bats in the Pyrenees during the late Pleistocene. Quaternary International, 2018, 481, 135-145.	0.7	3
103	Avian remains from new Upper Pleistocene and Holocene sites in the Spanish Pyrenees. Quaternary International, 2018, 481, 123-134.	0.7	3
104	Morphometric evolution of Mimomys savini (Rodentia, Mammalia): A new view of its morphological changes. Quaternary Science Reviews, 2019, 224, 105965.	1.4	3
105	Protocol for the reconstruction of micromammals from fossils. Two case studies: The skulls of Beremendia fissidens and Dolinasorex glyphodon. PLoS ONE, 2019, 14, e0213174.	1.1	3
106	Morphometric approach to Titanosauriformes (Sauropoda, Dinosauria) femora: Implications to the paleobiogeographic analysis. , 2004, , 143-156.		3
107	Comment: Iberian Plio-Pleistocene biochronology: micromammalian evidence for MNs and ELMAs calibration in southwestern Europe. M. HernÃ¡ndez FernÃ¡ndez, B. Azanza and M. Ã. Ã lvarez Sierra (2004).Journal of Quaternary Science19: 605â€“616. Journal of Quaternary Science, 2006, 21, 413-414.	1.1	2
108	Los Batanes: A trap for the Pyrenean wild goat during the Late Pleistocene (Spain). Quaternary International, 2018, 481, 75-90.	0.7	2

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109	Moleâ€™s humerus speaks. A rebuttal to FuriÃ³ 2016. Historical Biology, 2017, 29, 248-252.	0.7	0
110	Structure and composition of the incisor enamel of extant and fossil mammals with tooth pigmentation. Lethaia, 2019, 52, 370-388.	0.6	0
111	PaleontologÃa, ciencia, patrimonio y futuro. PH, 0, , 288.	0.0	0