

João Zilhão

List of Publications by Year in descending order

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127
papers

7,789
citations

66336

42
h-index

56717

83
g-index

135
all docs

135
docs citations

135
times ranked

4767
citing authors

#	ARTICLE	IF	CITATIONS
1	Everything you always wanted to ask about the Lapa do Picareiro Aurignacian and should not be afraid to know: A reply to "The early Aurignacian at Lapa do Picareiro really is that old". Quaternary Science Reviews, 2022, 277, 107296.	3.0	2
2	Critical evaluation of in situ analyses for the characterisation of red pigments in rock paintings: A case study from El Castillo, Spain. PLoS ONE, 2022, 17, e0262143.	2.5	5
3	Botones de cachalote con perforación en V de Galeria da Cisterna (Sistema Karstico de Almonda, Portugal). Quaternary Science Reviews, 2022, 277, 107296.	0.7	2
4	New Evidence from Galeria da Cisterna (Almonda) and Gruta do Caldeirão on the Phasing of Central Portugal's Early Neolithic. Open Archaeology, 2021, 7, 747-764.	0.8	6
5	The fossils of castor fiber from the middle Pleistocene site of Gruta da Aroeira (Portugal) and human-beaver interaction. Quaternaire, 2021, , 01-10.	0.2	4
6	A speleothem record from Portugal reveals phases of increased winter precipitation in western Iberia during the Holocene. Holocene, 2021, 31, 1339-1350.	1.7	8
7	A revised, Last Interglacial chronology for the Middle Palaeolithic sequence of Gruta da Oliveira (Almonda karst system, Torres Novas, Portugal). Quaternary Science Reviews, 2021, 258, 106885.	3.0	18
8	Obsidian in the Upper Palaeolithic of Iberia. Antiquity, 2021, 95, 865-884.	1.0	1
9	The symbolic role of the underground world among Middle Paleolithic Neanderthals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
10	The late persistence of the Middle Palaeolithic and Neandertals in Iberia: A review of the evidence for and against the "Ebro Frontier" model. Quaternary Science Reviews, 2021, 270, 107098.	3.0	22
11	Revisiting the Middle and Upper Palaeolithic archaeology of Gruta do Caldeirão (Tomar, Portugal). PLoS ONE, 2021, 16, e0259089.	2.5	11
12	Abrigo de la Quebrada Level IV (Valencia, Spain): Interpreting a Middle Palaeolithic Palimpsest from a Zooarchaeological and Lithic Perspective. Journal of Paleolithic Archaeology, 2020, 3, 187-224.	1.7	17
13	The cochlea of the Aroeira 3 Middle Pleistocene cranium—a comparative study. Journal of Human Evolution, 2020, 148, 102887.	2.6	2
14	Early evidence of fire in south-western Europe: the Acheulean site of Gruta da Aroeira (Torres Novas, Portugal). Quaternary Science Reviews, 2020, 245, 106524.	3.3	18
15	Radiocarbon and U-series age constraints for the Lateglacial rock art of Sicily. Quaternary Science Reviews, 2020, 245, 106524.	3.0	2
16	Last Interglacial Iberian Neandertals as fisher-hunter-gatherers. Science, 2020, 367, .	12.6	88
17	Latitudinal gradient in dairy production with the introduction of farming in Atlantic Europe. Nature Communications, 2020, 11, 2036.	12.8	52
18	Response to White et al.'s reply: "Still no archaeological evidence that Neanderthals created Iberian cave art" [J. Hum. Evol. (2020) 102640]. Journal of Human Evolution, 2020, 144, 102810.	2.6	23

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19	Nota sobre la taxonomía de <i>Microtus</i> (<i>Iberomys</i>) (Arvicolinae, Rodentia) del Pleistoceno superior de la Gruta do Caldeirão (Tomar, Portugal) e interpretación paleoclimática de la asociación de roedores. <i>Estudios Geológicos</i> , 2020, 76, 128.	0.2	3
20	Response to Aubert et al.'s reply "Early dates for Neanderthal cave art" may be wrong [J. Hum. Evol. 2018, 215-217]. <i>Journal of Human Evolution</i> , 2019, 135, 102644.	2.6	7
21	Tar adhesives, Neandertals, and the tyranny of the discontinuous mind. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21966-21968.	7.1	13
22	The consumption of tortoise among Last Interglacial Iberian Neandertals. <i>Quaternary Science Reviews</i> , 2019, 217, 225-246.	3.0	35
23	New macaque remains from the Middle Pleistocene of Gruta da Aroeira (Almonda karst system, Tj ETQq1 1 0.784314 rgBT / Overlock	2.6	7
24	Hunting strategy and seasonality in the last interglacial occupation of Cueva Antón (Murcia, Spain). <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3577-3594.	1.8	6
25	Climate, environment and human behaviour in the Middle Palaeolithic of Abrigo de la Quebrada (Valencia, Spain): The evidence from charred plant and micromammal remains. <i>Quaternary Science Reviews</i> , 2019, 217, 152-168.	3.0	19
26	Estudio de la fauna del nivel IV del Abrigo de la Quebrada y su aportación al conocimiento de la economía y el comportamiento humano en el Paleolítico Medio de la vertiente mediterránea ibérica. <i>Spal</i> , 2019, 2, 17-49.	0.2	4
27	The Beaker phenomenon and the genomic transformation of northwest Europe. <i>Nature</i> , 2018, 555, 190-196.	27.8	503
28	Symbolic use of marine shells and mineral pigments by Iberian Neandertals 115,000 years ago. <i>Science Advances</i> , 2018, 4, eaar5255.	10.3	116
29	U-Th dating of carbonate crusts reveals Neandertal origin of Iberian cave art. <i>Science</i> , 2018, 359, 912-915.	12.6	373
30	On the Entity and Antiquity of the Aurignacian at Willendorf (Austria): Implications for Modern Human Emergence in Europe. <i>Journal of Paleolithic Archaeology</i> , 2018, 1, 107-138.	1.7	27
31	A tale of two gorges: Late Quaternary site formation and surface dynamics in the Mula basin (Murcia, Tj ETQq1 1 0.784314 rgBT / Overlock	1.5	17
32	Response to Comment on "U-Th dating of carbonate crusts reveals Neandertal origin of Iberian cave art". <i>Science</i> , 2018, 362, .	12.6	29
33	Refining the environmental and climatic background of the Middle Pleistocene human cranium from Gruta da Aroeira (Torres Novas, Portugal). <i>Quaternary Science Reviews</i> , 2018, 200, 367-375.	3.0	13
34	The bony labyrinth in the Aroeira 3 Middle Pleistocene cranium. <i>Journal of Human Evolution</i> , 2018, 124, 105-116.	2.6	17
35	Taphonomic inferences about Middle Pleistocene hominins: The human cranium of Gruta da Aroeira (Portugal). <i>American Journal of Physical Anthropology</i> , 2018, 167, 615-627.	2.1	6
36	Dates for Neanderthal art and symbolic behaviour are reliable. <i>Nature Ecology and Evolution</i> , 2018, 2, 1044-1045.	7.8	28

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37	A 400,000-year-old Acheulean assemblage associated with the Aroeira-3 human cranium (Gruta da Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	20
38	Assessing site formation and assemblage integrity through stone tool refitting at Gruta da Oliveira (Almonda karst system, Torres Novas, Portugal): A Middle Paleolithic case study. PLoS ONE, 2018, 13, e0192423.	2.5	40
39	U-series dating of Palaeolithic rock art at Fuente del Trucho (Aragón, Spain). Quaternary International, 2017, 432, 50-58.	1.5	41
40	Dating Palaeolithic cave art: Why U-Th is the way to go. Quaternary International, 2017, 432, 41-49.	1.5	46
41	Diachronic variation in the Middle Paleolithic settlement of Abrigo de la Quebrada (Chelva, Spain). Quaternary International, 2017, 435, 164-179.	1.5	25
42	Neanderthal use of plants and past vegetation reconstruction at the Middle Paleolithic site of Abrigo de la Quebrada (Chelva, Valencia, Spain). Archaeological and Anthropological Sciences, 2017, 9, 265-278.	1.8	29
43	Modeling the role of voyaging in the coastal spread of the Early Neolithic in the West Mediterranean. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 897-902.	7.1	78
44	New Middle Pleistocene hominin cranium from Gruta da Aroeira (Portugal). Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3397-3402.	7.1	81
45	Precise dating of the Middle-to-Upper Paleolithic transition in Murcia (Spain) supports late Neandertal persistence in Iberia. Heliyon, 2017, 3, e00435.	3.2	117
46	Cueva Antón: A multi-proxy MIS 3 to MIS 5a paleoenvironmental record for SE Iberia. Quaternary Science Reviews, 2016, 146, 251-273.	3.0	51
47	The technology of the earliest European cave paintings: El Castillo Cave, Spain. Journal of Archaeological Science, 2016, 70, 48-65.	2.4	71
48	Methods for U-series dating of CaCO ₃ crusts associated with Palaeolithic cave art and application to Iberian sites. Quaternary Geochronology, 2016, 36, 104-119.	1.4	50
49	Not Only Flint: Levallois on Quartzite and Limestone at Abrigo de la Quebrada (Valencia, Spain): Implications for Neandertal Behavior. Journal of Anthropological Research, 2016, 72, 24-57.	0.1	12
50	Luminescence Dating of Fluvial Deposits in the Rock Shelter of Cueva Antón, Spain. Geochronometria, 2015, 42, .	0.8	8
51	Identification of local and allochthonous flint artefacts from the Middle Palaeolithic site of Abrigo de la Quebrada (Chelva, Valencia, Spain) by macroscopic and physicochemical methods. X-Ray Spectrometry, 2015, 44, 209-216.	1.4	16
52	Radiocarbon Dating the Beginning of the Neolithic in Iberia. Journal of Mediterranean Archaeology, 2015, 28, 105-131.	0.9	67
53	Analysis of Site Formation and Assemblage Integrity Does Not Support Attribution of the Uluzzian to Modern Humans at Grotta del Cavallo. PLoS ONE, 2015, 10, e0131181.	2.5	79
54	Elementos líticos apuntados en el yacimiento del Paleolítico Medio del abrigo de La Quebrada (Chelva,) Tj ETQq0 0 0 rgBT /Overlock Serie I, Prehistoria Y Arqueología, 2015, .	0.2	4

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55	Cova del Rinoceront (Castelldefels, Barcelona): a terrestrial record for the Last Interglacial period (MIS 5) in the Mediterranean coast of the Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2015, 114, 203-227.	3.0	35
56	The Neandertals of northeastern Iberia: New remains from the Cova del Gegant (Sitges, Barcelona). <i>Journal of Human Evolution</i> , 2015, 81, 13-28.	2.6	11
57	A Common Genetic Origin for Early Farmers from Mediterranean Cardial and Central European LBK Cultures. <i>Molecular Biology and Evolution</i> , 2015, 32, msv181.	8.9	155
58	Problematising Bayesian approaches to prehistoric chronologies. <i>World Archaeology</i> , 2015, 47, 525-542.	1.1	26
59	The chronology of hand stencils in European Palaeolithic rock art: implications of new U-series results from El Castillo Cave (Cantabria, Spain). <i>Journal of Anthropological Sciences</i> , 2015, 93, 135-52.	0.4	29
60	Heated flint TL-dating for Gruta da Oliveira (Portugal): dosimetric challenges and comparison of chronometric data. <i>Journal of Archaeological Science</i> , 2014, 41, 705-715.	2.4	19
61	Stratigraphic and spatial distribution of ochre and ochre processing tools at Porc-Epic Cave, Dire Dawa, Ethiopia. <i>Quaternary International</i> , 2014, 343, 85-99.	1.5	20
62	Middle Palaeolithic flint procurement in Central Mediterranean Iberia: Implications for human mobility. <i>Journal of Lithic Studies</i> , 2014, 1, .	0.5	23
63	Terrasses de la Riera dels Canyars (Gavà, Barcelona): the landscape of Heinrich Stadial 4 north of the Ebro frontier and implications for modern human dispersal into Iberia. <i>Quaternary Science Reviews</i> , 2013, 60, 26-48.	3.0	66
64	Formation processes at a high resolution Middle Paleolithic site: Cueva Antón (Murcia, Spain). <i>Quaternary International</i> , 2013, 315, 24-41.	1.5	18
65	New U-series results for the speleogenesis and the Palaeolithic archaeology of the Almonda karstic system (Torres Novas, Portugal). <i>Quaternary International</i> , 2013, 294, 168-182.	1.5	29
66	Revisiting the chronology of the Proto-Aurignacian and the Early Aurignacian in Europe: A reply to Higham et al.'s comments on. <i>Journal of Human Evolution</i> , 2013, 65, 810-817.	2.6	45
67	Corrigendum to "Human-climate interaction during the Early Upper Palaeolithic: Testing the hypothesis of an adaptive shift between the Proto-Aurignacian and the Early Aurignacian" [J. H. Evol. 54 (2013) 39-55]. <i>Journal of Human Evolution</i> , 2013, 64, 232.	2.6	3
68	Human-climate interaction during the Early Upper Paleolithic: testing the hypothesis of an adaptive shift between the Proto-Aurignacian and the Early Aurignacian. <i>Journal of Human Evolution</i> , 2013, 64, 39-55.	2.6	138
69	In glacial environments beyond glacial terrains: Human eco-dynamics in late Pleistocene Mediterranean Iberia. <i>Quaternary International</i> , 2013, 318, 53-68.	1.5	30
70	Uranium series dating reveals a long sequence of rock art at Altamira Cave (Santillana del Mar, Spain). <i>Journal of Archaeological Science</i> , 2013, 40, 100-104.	2.4	44
71	LA OCUPACIÓN Solutrense del Abrigo de la Boja (Mula, Murcia, España). <i>Espacio, Tiempo Y Forma Serie I, Prehistoria Y Arqueología</i> , 2013, 1, .	0.2	2
72	The Neanderthals: evolution, palaeoecology, and extinction. , 2013, , .		0

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73	Neandertal-Modern Human Contact in Western Eurasia: Issues of Dating, Taxonomy, and Cultural Associations. , 2013, , 21-57.		50
74	Personal Ornaments and Symbolism Among the Neanderthals. <i>Developments in Quaternary Sciences</i> , 2012, 16, 35-49.	0.1	43
75	Middle Paleolithic human remains from the Gruta Da Oliveira (Torres Novas), Portugal. <i>American Journal of Physical Anthropology</i> , 2012, 149, 39-51.	2.1	27
76	U-Series Dating of Paleolithic Art in 11 Caves in Spain. <i>Science</i> , 2012, 336, 1409-1413.	12.6	456
77	Who brought in the rabbits? Taphonomical analysis of Mousterian and Solutrean leporid accumulations from Gruta do Caldeirão (Tomar, Portugal). <i>Journal of Archaeological Science</i> , 2011, 38, 2434-2449.	2.4	57
78	Eco-cultural niches of the Badegoulian: Unraveling links between cultural adaptation and ecology during the Last Glacial Maximum in France. <i>Journal of Anthropological Archaeology</i> , 2011, 30, 359-374.	1.6	50
79	Chronology of the site of Grotte du Renne, Arcy-sur-Cure, France. <i>Before Farming</i> , 2011, 2011, 1-14.	0.2	12
80	Aliens from Outer Time? Why the "Human Revolution" Is Wrong, and Where Do We Go from Here?. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2011, , 331-366.	0.5	24
81	Chapter 6. The emergence of language, art and symbolic thinking. , 2011, , 111-132.		11
82	The Reality of Neandertal Symbolic Behavior at the Grotte du Renne, Arcy-sur-Cure, France. <i>PLoS ONE</i> , 2011, 6, e21545.	2.5	137
83	Aproximación al aprovisionamiento de materias primas líticas en el yacimiento del Paleolítico medio del Abrigo de la Quebrada (Chelva, Valencia). <i>Trabajos De Prehistoria</i> , 2011, 68, 65-78.	0.7	27
84	Stratigraphic context and direct dating of the Neandertal mandible from Cova del Gegant (Sitges,) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.6	56
85	Dental maturational sequence and dental tissue proportions in the early Upper Paleolithic child from Abrigo do Lagar Velho, Portugal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1338-1342.	7.1	78
86	Symbolic use of marine shells and mineral pigments by Iberian Neandertals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1023-1028.	7.1	519
87	Pego do Diabo (Loures, Portugal): Dating the Emergence of Anatomical Modernity in Westernmost Eurasia. <i>PLoS ONE</i> , 2010, 5, e8880.	2.5	73
88	Stratigraphy and formation processes of the Upper Pleistocene deposit at Gruta da Oliveira, Almonda karstic system, Torres Novas, Portugal. <i>Geoarchaeology - an International Journal</i> , 2009, 24, 277-310.	1.5	43
89	Investigating links between ecology and bifacial tool types in Western Europe during the Last Glacial Maximum. <i>Journal of Archaeological Science</i> , 2009, 36, 2853-2867.	2.4	79
90	Szeletian, Not Aurignacian: A Review of the Chronology and Cultural Associations of the Vindija G1 Neandertals. , 2009, , 407-426.		13

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91	Isotopic evidence for omnivory among European cave bears: Late Pleistocene <i>Ursus spelaeus</i> from the Peștera cu Oase, Romania. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 600-604.	7.1	94
92	Late Neandertals in Southeastern Iberia: Sima de las Palomas del Cabezo Gordo, Murcia, Spain. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20631-20636.	7.1	95
93	Modernos y Neandertales en la transición del Paleolítico Medio al Superior en Europa. Espacio, Tiempo Y Forma Serie I, Prehistoria Y Arqueología, 2008, .	0.2	0
94	Pestera cu Oase 2 and the cranial morphology of early modern Europeans. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1165-1170.	7.1	105
95	Middle Paleolithic human remains from the Gruta da Oliveira (Torres Novas), Portugal. American Journal of Physical Anthropology, 2007, 134, 263-273.	2.1	52
96	The Emergence of Ornaments and Art: An Archaeological Perspective on the Origins of "Behavioral Modernity". Journal of Archaeological Research, 2007, 15, 1-54.	4.0	303
97	The Grotte des Fiches (Châtelperron, Allier), an illusory Châtelperronian-Aurignacian interstratification. Excavation history, stratigraphy and dating. Paleo, 2007, , 391-432.	0.1	9
98	Cave bears (<i>Ursus spelaeus</i>) from the Peștera cu Oase (Banat, Romania): Paleobiology and taphonomy. Comptes Rendus - Palevol, 2006, 5, 927-934.	0.2	28
99	On the new dates for Gorham's Cave and the late survival of Iberian Neanderthals. Before Farming, 2006, 2006, 1-9.	0.2	36
100	Neandertals and moderns mixed, and it matters. Evolutionary Anthropology, 2006, 15, 183-195.	3.4	163
101	Analysis of Aurignacian interstratification at the Chatelperronian-type site and implications for the behavioral modernity of Neandertals. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12643-12648.	7.1	139
102	Genes, Fossils, and Culture. An Overview of the Evidence for Neandertal-Modern Human Interaction and Admixture. Proceedings of the Prehistoric Society, London, 2006, 72, 1-20.	0.7	19
103	Public archaeology and political dynamics in Portugal: A reply to Bednarik. Public Archaeology, 2004, 3, 167-183.	0.6	0
104	Public archaeology and political dynamics in Portugal: A reply to Bednarik. Public Archaeology, 2004, 3, 167-183.	0.6	1
105	Further lessons in integrity: A final reply to Robert Bednarik. Public Archaeology, 2004, 3, 245-247.	0.6	0
106	Un Jardin du Paradis aurignacien en Allemagne du Sud ? Une interprétation alternative de la séquence de Geissenklösterle et une critique du modèle de la Kulturpumpe. Paleo, 2003, , .	0.1	4
107	Radiocarbon evidence for maritime pioneer colonization at the origins of farming in west Mediterranean Europe. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 14180-14185.	7.1	309
108	Troubling the Neandertals: A Reply to Langbroek's "The Trouble with Neandertals". Archaeological Dialogues, 2001, 8, 135-142.	0.6	3

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109	O Menino do Lapedo. Archaeological Dialogues, 2001, 8, 49-69.	0.6	5
110	Neandertals and Modern Humans in Western Asia:Neandertals and Modern Humans in Western Asia.. American Anthropologist, 2000, 102, 647-648.	1.4	0
111	From the Mesolithic to the Neolithic in the Iberian peninsula. , 2000, , 144-182.		70
112	La nouvelle « bataille aurignacienne ». Anthropologie, 2000, 104, 17-50.	0.4	50
113	La puesta en valor del arte rupestre del valle del Cãa (Portugal). Trabajos De Prehistoria, 2000, 57, 57-64.	0.7	0
114	The early Upper Paleolithic human skeleton from the Abrigo do Lagar Velho (Portugal) and modern human emergence in Iberia. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7604-7609.	7.1	321
115	Title is missing!. Journal of World Prehistory, 1999, 13, 1-68.	3.6	259
116	Identification of the last glacial maximum in the Upper Paleolithic of Portugal using magnetic susceptibility measurements of Caldeirão Cave sediments. Geoarchaeology - an International Journal, 1998, 13, 55-71.	1.5	25
117	THE PLEISTOCENE-“HOLOCENE TRANSITION IN THE IBERIAN PENINSULA: CONTINUITY AND CHANGE IN HUMAN ADAPTATIONS. Quaternary International, 1998, 49-50, 87-103.	1.5	55
118	Neanderthal Acculturation in Western Europe? A Critical Review of the Evidence and Its Interpretation. Current Anthropology, 1998, 39, S1-S44.	1.6	446
119	The rock art of the Cãa valley, Portugal: Significance, conservation and management. Conservation and Management of Archaeological Sites, 1998, 2, 193-206.	0.5	11
120	On Logical and Empirical Aspects of the Mesolithic-Neolithic Transition in the Iberian Peninsula. Current Anthropology, 1998, 39, 690-698.	1.6	14
121	The Rock Art of the Cãa Valley (Portugal) and its Archaeological Context: First Results of Current Research. Journal of European Archaeology, 1997, 5, 7-49.	0.5	28
122	The age of the Cãa valley (Portugal) rock-art: validation of archaeological dating to the Palaeolithic and refutation of “scientific” dating to historic or proto-historic times. Antiquity, 1995, 69, 883-901.	1.0	57
123	Upper Pleistocene Prehistory in Portuguese Estremadura: Results of Preliminary Research. Journal of Field Archaeology, 1994, 21, 53-68.	1.3	17
124	The Spread of Agro-Pastoral Economies across Mediterranean Europe. Journal of Mediterranean Archaeology, 1993, 6, 5-63.	0.9	133
125	Early Food Production in Southwestern Europe. , 0, , 1818-1834.		0
126	The Upper Palaeolithic of Europe. , 0, , 1753-1785.		6

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127	Lower and Middle Palaeolithic Mortuary Behaviours and the Origins of Ritual Burial. , 0, , 27-44.		30