

# Francesc Burjachs

## List of Publications by Year in descending order

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69  
papers

3,546  
citations

159585

30  
h-index

138484

58  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2857  
citing authors

#	ARTICLE	IF	CITATIONS
1	The first hominin of Europe. <i>Nature</i> , 2008, 452, 465-469.	27.8	545
2	Expected trends and surprises in the Lateglacial and Holocene vegetation history of the Iberian Peninsula and Balearic Islands. <i>Review of Palaeobotany and Palynology</i> , 2010, 162, 458-475.	1.5	319
3	One million years of cultural evolution in a stable environment at Atapuerca (Burgos, Spain). <i>Quaternary Science Reviews</i> , 2011, 30, 1396-1412.	3.0	231
4	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.	2.5	143
5	Abrupt Climatic Changes during the Last Glaciation Based on Pollen Analysis of the Abric Romani, Catalonia, Spain. <i>Quaternary Research</i> , 1994, 42, 308-315.	1.7	133
6	The palaeoecological potential of pollen records in caves: the case of Mediterranean Spain. <i>Quaternary Science Reviews</i> , 1999, 18, 1061-1073.	3.0	132
7	A new Lower Pleistocene archeological site in Europe (Vallparad�s, Barcelona, Spain). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5762-5767.	7.1	115
8	Palaeoecology of Neanderthals during Dansgaard-�Oeschger cycles in northeastern Iberia (Abric). <i>Journal of Quaternary Science</i> , 2007, 22, 107-115.	1.5	84
9	Holocene fire activity and vegetation response in South-Eastern Iberia. <i>Quaternary Science Reviews</i> , 2010, 29, 1082-1092.	3.0	83
10	Formation processes through archaeobotanical remains: The case of the Bronze Age levels in El Mirador cave, Sierra de Atapuerca, Spain. <i>Quaternary International</i> , 2009, 193, 160-173.	1.5	71
11	Middle Pleistocene to Holocene geochronology of the River Aguas terrace sequence (Iberian). <i>Journal of Quaternary Science</i> , 2007, 22, 107-115.	2.5	69
12	From influence to impact: The multifunctional land use in Mediterranean prehistory emerging from palynology of archaeological sites (8.0-2.8 ka BP). <i>Holocene</i> , 2019, 29, 830-846.	1.7	65
13	Mid-Holocene vegetation history and Neolithic land-use in the Lake Banyoles area (Girona, Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 70-85.	2.3	63
14	A multidisciplinary approach to reconstructing the chronology and environment of southwestern European Neanderthals: the contribution of Teixoneres cave (Moi�, Barcelona, Spain). <i>Quaternary Science Reviews</i> , 2012, 43, 33-44.	3.0	62
15	Recent gully erosion in the El Cautivo badlands (Tabernas, SE Spain). <i>Catena</i> , 2000, 40, 203-215.	5.0	59
16	Meromixis origin and recent trophic evolution in the Spanish mountain lake La Cruz. <i>Aquatic Sciences</i> , 1998, 60, 279.	1.5	58
17	Pollen and non-pollen palynomorphs from the Early Neolithic settlement of La Draga (Girona, Spain). <i>Review of Palaeobotany and Palynology</i> , 2016, 225, 1-20.	1.5	57
18	Palaeoenvironmental and palaeoclimatic reconstruction of the Latest Pleistocene of L'Arbreda Cave (Seriny�, Girona, northeastern Iberia) inferred from the small-mammal (insectivore and rodent) assemblages. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 244-253.	2.3	48

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19	Diet and environment 1.2 million years ago revealed through analysis of dental calculus from Europe's oldest hominin at Sima del Elefante, Spain. <i>Die Naturwissenschaften</i> , 2017, 104, 2.	1.6	48
20	New relative sea-level insights into the isostatic history of the Western Mediterranean. <i>Quaternary Science Reviews</i> , 2018, 201, 396-408.	3.0	48
21	Title is missing!. <i>Journal of Paleolimnology</i> , 1999, 21, 449-460.	1.6	45
22	Prehistoric palaeodemographics and regional land cover change in eastern Iberia. <i>Holocene</i> , 2019, 29, 799-815.	1.7	40
23	Changements environnementaux, d'positionnels et culturels pendant le Pliocène supérieur et l'Holocène ancien: la séquence de la Cinglera del Capello (Capellades, Espagne). <i>Quaternaire</i> , 2013, , 49-64.	0.2	38
24	The ACER pollen and charcoal database: a global resource to document vegetation and fire response to abrupt climate changes during the last glacial period. <i>Earth System Science Data</i> , 2017, 9, 679-695.	9.9	38
25	Landscape transformation and economic practices among the first farming societies in Lake Banyoles (Girona, Spain). <i>Environmental Archaeology</i> , 2014, 19, 298-310.	1.2	37
26	Palynology of the upper Pleistocene and Holocene of the North-East Iberian Peninsula: Pla de l'Estany (Catalonia). <i>Historical Biology</i> , 1994, 9, 17-33.	1.4	35
27	A palaeoecological interpretation of the lower-middle Pleistocene Cal Guardiola site (Terrassa,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock and Palynology</i> , 2007, 146, 247-264.	1.5	34
28	Eurasian Gates: The Earliest Human Dispersals. <i>Journal of Anthropological Research</i> , 2008, 64, 195-228.	0.1	33
29	Level TE9c of Sima del Elefante (Sierra de Atapuerca, Spain): A comprehensive approach. <i>Quaternary International</i> , 2017, 433, 278-295.	1.5	33
30	Landscape and climatic changes during the end of the Late Prehistory in the Amblós Valley (Ávila,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.5	32
31	Overview of environmental changes and human colonization in the Balearic Islands (Western) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> <i>Archaeological Science: Reports</i> , 2017, 12, 845-859.	0.5	32
32	Late Pliocene vegetation and orbital-scale climate changes from the western Mediterranean area. <i>Global and Planetary Change</i> , 2013, 108, 15-28.	3.5	31
33	Early human occupation of Iberia: the chronological and palaeoclimatic inferences from Vallparadís (Barcelona, Spain). <i>Quaternary Science Reviews</i> , 2014, 85, 136-146.	3.0	31
34	Wood uses at El Mirador Cave (Atapuerca, Burgos) based on anthracology and dendrology. <i>Quaternary International</i> , 2016, 414, 285-293.	1.5	31
35	Lateglacial to Early Holocene recursive aridity events in the SE Mediterranean Iberian Peninsula: The Salines playa lake case study. <i>Quaternary International</i> , 2016, 403, 187-200.	1.5	30
36	Socio-ecological adaptation to Early-Holocene sea-level rise in the western Mediterranean. <i>Global and Planetary Change</i> , 2018, 169, 156-167.	3.5	30

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37	The Mas del Pepet experimental programme for the study of prehistoric livestock practices: Preliminary data from dung burning. <i>Quaternary International</i> , 2016, 414, 304-315.	1.5	29
38	LÃ¼tschine fan delta response to climate variability and land use in the Bernese Alps during the last 2400 years. <i>Geomorphology</i> , 2009, 108, 107-121.	2.6	28
39	Early Pleistocene palaeoenvironments at the time of the <i>Homo antecessor</i> settlement in the Gran Dolina cave (Atapuerca, Spain). <i>Journal of Quaternary Science</i> , 2013, 28, 311-319.	2.1	28
40	All about yew: on the trail of <i>Taxus baccata</i> in southwest Europe by means of integrated palaeobotanical and archaeobotanical studies. <i>Vegetation History and Archaeobotany</i> , 2015, 24, 229-247.	2.1	28
41	Defending the early human occupation of VallparadÃs (Barcelona, Iberian Peninsula): A reply to. <i>Journal of Human Evolution</i> , 2012, 63, 568-575.	2.6	27
42	Charcoal and pollen analysis: Examples of Holocene fire dynamics in Mediterranean Iberian Peninsula. <i>Catena</i> , 2015, 135, 340-349.	5.0	27
43	High-resolution saline lake sediments as enhanced tools for relating proxy paleolake records to recent climatic data series. <i>Sedimentary Geology</i> , 2002, 148, 203-220.	2.1	26
44	Taphonomic approach to the palynological record of burnt and unburnt samples from El Mirador Cave (Sierra de Atapuerca, Burgos, Spain). <i>Quaternary International</i> , 2016, 414, 258-271.	1.5	26
45	Human-environment interaction during the Mesolithic- Neolithic transition in the NE Iberian Peninsula. Vegetation history, climate change and human impact during the Early-Middle Holocene in the Eastern Pre-Pyrenees. <i>Quaternary Science Reviews</i> , 2018, 184, 183-200.	3.0	26
46	Paleoenvironmental evolution of the Pliocene Villarroya Lake, northern Spain. A multidisciplinary approach. <i>Sedimentary Geology</i> , 2002, 148, 9-27.	2.1	22
47	Les sÃ©diments d' <i>Homo Antecessor</i> de Gran Dolina, (Sierra de Atapuerca, Burgos, Espagne). InterprÃ©tation micromorphologique des processus de formation et enregistrement palÃ©oenvironnemental des sÃ©diments. <i>Anthropologie</i> , 2001, 105, 45-69.	0.4	20
48	Interdisciplinary approach to the landscape and firewood exploitation during the Holocene at La Garrotxa (Girona, NE Iberia). <i>Quaternary International</i> , 2018, 463, 401-413.	1.5	18
49	Use of space and site formation processes in a Neolithic lakeside settlement. Pollen and non-pollen palynomorphs spatial analysis in La Draga (Banyoles, NE Iberia). <i>Journal of Archaeological Science</i> , 2017, 81, 101-115.	2.4	17
50	Combined palaeoecological methods using small-mammal assemblages to decipher environmental context of a long-term Neanderthal settlement in northeastern Iberia. <i>Quaternary Science Reviews</i> , 2020, 228, 106072.	3.0	17
51	A multi-proxy approach to understanding complex responses of salt-lake catchments to climate variability and human pressure: A Late Quaternary case study from south-eastern, Spain. <i>Quaternary Science Reviews</i> , 2018, 184, 201-223.	3.0	16
52	Archeological deposits at Abric RomanÃ extend to 110 ka: U-series dating of a newly cored, 30 meter-thick section. <i>Journal of Archaeological Science: Reports</i> , 2016, 5, 400-406.	0.5	15
53	Human trace on the landscape during the Holocene at El Mirador Cave (Sierra de Atapuerca, Spain): The palynological evidence. <i>Holocene</i> , 2017, 27, 1201-1213.	1.7	14
54	Surviving on the isle of Formentera (Balearic Islands): Adaptation of economic behaviour by Bronze Age first settlers to an extreme insular environment. <i>Journal of Archaeological Science: Reports</i> , 2017, 12, 860-875.	0.5	14

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55	The Middle Pleistocene site of La Cansaladeta (Tarragona, Spain): Stratigraphic and archaeological succession. <i>Quaternary International</i> , 2016, 393, 137-157.	1.5	13
56	Filling in the gaps: The contribution of non-pollen palynomorphs to knowledge about the local environment of the Sierra de Atapuerca caves during the Pleistocene. <i>Quaternary International</i> , 2017, 433, 224-242.	1.5	13
57	New data on Sicilian prehistoric and historic evolution in a mountain context, Vallone Inferno (Scillato, Italy). <i>Comptes Rendus - Palevol</i> , 2013, 12, 115-126.	0.2	12
58	The Distribution and Use of Box ( <i>Buxus sempervirens</i> L.) in the Northeastern Iberian Peninsula During the Holocene. <i>Environmental Archaeology</i> , 2021, 26, 179-191.	1.2	11
59	Vegetation and climate record from Abric Roman�� (Capellades, northeast Iberia) during the Upper Pleistocene (MIS 5d��3). <i>Quaternary Science Reviews</i> , 2019, 220, 154-164.	3.0	10
60	A taphonomic approach to the pollen assemblage from layer M of the Abric Roman��-archaeological site (NE Iberian Peninsula). <i>Review of Palaeobotany and Palynology</i> , 2019, 270, 19-39.	1.5	9
61	Mid-Holocene and historical palaeoecology of the Albufera de Val��ncia coastal lagoon. , 2019, 38, 353-389.		9
62	Site formation processes, human activities and palaeoenvironmental reconstructions from archaeobotanical records in cave and rock-shelter sites in NE Iberia. <i>Review of Palaeobotany and Palynology</i> , 2022, 299, 104612.	1.5	9
63	Late Holocene Aleppo pine ( <i>Pinus halepensis</i> Miller) woodlands in Mallorca (Balearic Islands, Western) Tj ETQq1 1 0.784314 rgBT /Overl anthracological, dendro-anthracological and archaeopalynological data. <i>Quaternary International</i> , 2021, 593-594, 346-363.	1.5	8
64	Iberian Neanderthals in forests and savannahs. <i>Journal of Quaternary Science</i> , 2022, 37, 335-362.	2.1	8
65	Neanderthal Landscapes and Their Home Environment: Flora and Fauna Records from Level J. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2012, , 135-157.	0.5	7
66	Socio-Ecological Contingencies with Climate Changes over the Prehistory in the Mediterranean Iberia. <i>Quaternary</i> , 2020, 3, 19.	2.0	6
67	Quaternary pollen analysis in the Iberian Peninsula: the value of negative results. <i>Internet Archaeology</i> , 2009, , .	0.4	5
68	Redepositional or Climate Event in Iberia During the Boreal. <i>Journal of Quaternary Science</i> , 1997, 12, 73-74.	2.1	3
69	Late Glacial to Early Holocene socio-ecological responses to climatic instability within the Mediterranean basin. <i>Quaternary Science Reviews</i> , 2018, 184, 1-4.	3.0	1