

Francesco Berna

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

4,331
citations

126907

33
h-index

175258

52
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59
all docs

59
docs citations

59
times ranked

3299
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary observations on the Levantine Aurignacian sequence of Manot Cave: Cultural affiliations and regional perspectives. <i>Journal of Human Evolution</i> , 2021, 160, 102705.	2.6	16
2	Introduction to special issue: In search for modern humans and the Early Upper Paleolithic at Manot Cave, Western Galilee, Israel. <i>Journal of Human Evolution</i> , 2021, 160, 103053.	2.6	0
3	Diagenesis of juvenile skeletal remains: A multimodal and multiscale approach to examine the post-mortem decay of children's bones. <i>Journal of Archaeological Science</i> , 2021, 135, 105477.	2.4	7
4	Bone diagenesis in archaeological and contemporary human remains: an investigation of bone 3D microstructure and minero-chemical assessment. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	14
5	Emergence of corpse cremation during the Pre-Pottery Neolithic of the Southern Levant: A multidisciplinary study of a pyre-pit burial. <i>PLoS ONE</i> , 2020, 15, e0235386.	2.5	12
6	Site formation processes at Manot Cave, Israel: Interplay between strata accumulation in the occupation area and the talus. <i>Journal of Human Evolution</i> , 2020, 160, 102883.	2.6	7
7	Structural Characterization and Thermal Decomposition of Lime Binders Allow Accurate Radiocarbon Age Determinations of Aerial Lime Plaster. <i>Radiocarbon</i> , 2020, 62, 633-655.	1.8	17
8	Archeology, Environment, and Chronology of the Early Middle Stone Age Component of Wonderwerk Cave. <i>Journal of Paleolithic Archaeology</i> , 2020, 3, 302-335.	1.7	34
9	Neanderthal activity and resting areas from stratigraphic unit 13 at the Middle Palaeolithic site of Oscurusciuto (Ginosa - Taranto, Southern Italy). <i>Quaternary Science Reviews</i> , 2019, 217, 169-193.	3.0	40
10	Microstratigraphic and mineralogical study of a Late Bronze Age updraft pottery kiln, Kolonna site, Aegina Island, Greece. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5763-5780.	1.8	8
11	Hominin fire use in the Okote member at Koobi Fora, Kenya: New evidence for the old debate. <i>Journal of Human Evolution</i> , 2019, 133, 214-229.	2.6	54
12	Post-mortem gross composition changes and differential weathering of immature and mature bone in an experimental burial environment. <i>Journal of Archaeological Science: Reports</i> , 2019, 26, 101904.	0.5	1
13	Microstratigraphic reconstruction of formation processes and paleoenvironments at the Early Pleistocene Cornelia-Uitzoek hominin site, Free State Province, South Africa. <i>Journal of Archaeological Science: Reports</i> , 2019, 25, 25-39.	0.5	1
14	Combustion features from short-lived intermittent occupation at a 1300-year-old Coast Salish rock shelter, British Columbia: The microstratigraphic data. <i>Journal of Archaeological Science: Reports</i> , 2019, 23, 646-661.	0.5	0
15	Effect of Two Different Protective Surface Materials on Ground Penetrating Radar Signal Characteristics. , 2018, , .		2
16	A microstratigraphic reevaluation of the Florisbad spring site, Free State Province, South Africa: Formation processes and paleoenvironment. <i>Geoarchaeology - an International Journal</i> , 2017, 32, 456-478.	1.5	23
17	Geo-ethnoarchaeology study of the traditional Tswana dung floor from the Moffat Mission Church, Kuruman, North Cape Province, South Africa. <i>Archaeological and Anthropological Sciences</i> , 2017, 9, 1115-1123.	1.8	13
18	Micromorphological Study of Concotto Surfaces Protected by the Avellino Eruption in 3945±10 cal. BP at the Early Bronze Age of Afragola Village in Southern Italy. <i>Environmental Archaeology</i> , 2017, 22, 365-380.	1.2	2

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19	Fire and the Genus <i>Homo</i> . <i>Current Anthropology</i> , 2017, 58, S165-S174.	1.6	34
20	Radiocarbon chronology of Manot Cave, Israel and Upper Paleolithic dispersals. <i>Science Advances</i> , 2017, 3, e1701450.	10.3	63
21	Researching the Nature of Fire at 1.5 Mya on the Site of Fxjj20 AB, Koobi Fora, Kenya, Using High-Resolution Spatial Analysis and FTIR Spectrometry. <i>Current Anthropology</i> , 2017, 58, S243-S257.	1.6	77
22	Fourier Transform Infrared Spectroscopy (FTIR). <i>Encyclopedia of Earth Sciences Series</i> , 2017, , 285-286.	0.1	3
23	Renewed excavations at Wonderwerk Cave, South Africa. <i>Evolutionary Anthropology</i> , 2017, 26, 258-260.	3.4	10
24	Combustion at the late Early Pleistocene site of Cueva Negra del Estrecho del Río Quápar (Murcia, Spain). <i>Journal of Archaeological Science</i> , 2017, 78, 10-19.	1.0	62
25	Between hearths and volcanic ash: The SU 13 palimpsest of the Oscuruscuito rock shelter (Ginosa "Ginosa", Spain). <i>Journal of Archaeological Science</i> , 2017, 83, 1-15.	1.5	3P
26	Deposition and Diagenesis in the Earlier Stone Age of Wonderwerk Cave, Excavation 1, South Africa. <i>African Archaeological Review</i> , 2015, 32, 613-643.	1.4	44
27	Bone diagenesis at the Florisbad spring site, Free State Province (South Africa): Implications for the taphonomy of the Middle and Late Pleistocene faunal assemblages. <i>Journal of Archaeological Science: Reports</i> , 2015, 4, 152-163.	0.5	8
28	Levantine cranium from Manot Cave (Israel) foreshadows the first European modern humans. <i>Nature</i> , 2015, 520, 216-219.	27.8	191
29	On the evidence for human use and control of fire at Schöningen. <i>Journal of Human Evolution</i> , 2015, 89, 181-201.	2.6	76
30	The depositional environments of Schöningen 13 II-4 and their archaeological implications. <i>Journal of Human Evolution</i> , 2015, 89, 71-91.	2.6	36
31	Holocene human interaction and adaptation to geological and climatic changes in the Lower Mainland, Fraser Canyon, and Coast Mountain area of British Columbia: A geoarchaeological view. <i>Journal of Archaeological Science</i> , 2014, , 53-77.		4
32	Steroidal biomarker analysis of a 14,000 years old putative human coprolite from Paisley Cave, Oregon. <i>Journal of Archaeological Science</i> , 2014, 41, 813-817.	2.4	46
33	Evidence for the repeated use of a central hearth at Middle Pleistocene (300ky ago) Qesem Cave, Israel. <i>Journal of Archaeological Science</i> , 2014, 44, 12-21.	2.4	171
34	Early Levallois technology and the Lower to Middle Paleolithic transition in the Southern Caucasus. <i>Science</i> , 2014, 345, 1609-1613.	12.6	171
35	A prehispanic Maya pit oven? Microanalysis of fired clay balls from the Puuc region, Yucatán, Mexico. <i>Journal of Archaeological Science</i> , 2013, 40, 1144-1157.	2.4	17
36	Geoarchaeological investigations at Diepkloof Rock Shelter, Western Cape, South Africa. <i>Journal of Archaeological Science</i> , 2013, 40, 3432-3452.	2.4	115

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37	Stone tools and foraging in northern Madagascar challenge Holocene extinction models. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12583-12588.	7.1	122
38	Microstratigraphic evidence of in situ fire in the Acheulean strata of Wonderwerk Cave, Northern Cape province, South Africa. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1215-20.	7.1	446
39	The Oldowan horizon in Wonderwerk Cave (South Africa): Archaeological, geological, paleontological and paleoclimatic evidence. Journal of Human Evolution, 2012, 63, 859-866.	2.6	65
40	Insights on Neanderthal fire use at Kebara Cave (Israel) through high resolution study of prehistoric combustion features: Evidence from phytoliths and thin sections. Quaternary International, 2012, 247, 278-293.	1.5	60
41	New evidence on Neandertal use of fire: Examples from Roc de Marsal and Pech de l'Az� IV. Quaternary International, 2012, 247, 325-340.	1.5	112
42	Evidence for Neandertal use of fire at Roc de Marsal (France). Journal of Archaeological Science, 2012, 39, 2414-2423.	2.4	87
43	Plaster Characterization at the PPNB Site of Yiftahel (Israel) Including the Use of 14C: Implications for Plaster Production, Preservation, and Dating. Radiocarbon, 2012, 54, 887-896.	1.8	37
44	Middle Stone Age Bedding Construction and Settlement Patterns at Sibudu, South Africa. Science, 2011, 334, 1388-1391.	12.6	211
45	Earliest human occupations at Dmanisi (Georgian Caucasus) dated to 1.85-1.78 Ma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10432-10436.	7.1	263
46	Occupation surfaces sealed by the Avellino eruption of Vesuvius at the Early Bronze Age village of Afragola in southern Italy: A micromorphological analysis. Geoarchaeology - an International Journal, 2010, 25, 437-466.	1.5	6
47	Micromorphology and context. Quaternary International, 2010, 214, 56-62.	1.5	161
48	Comment on "DNA from Pre-Clovis Human Coprolites in Oregon, North America". Science, 2009, 325, 148-148.	12.6	63
49	Bedding, hearths, and site maintenance in the Middle Stone Age of Sibudu Cave, KwaZulu-Natal, South Africa. Archaeological and Anthropological Sciences, 2009, 1, 95-122.	1.8	259
50	Plant Use at Grap�eva Cave and in the Eastern Adriatic Neolithic. Journal of Field Archaeology, 2008, 33, 279-303.	1.3	12
51	Sediments exposed to high temperatures: reconstructing pyrotechnological processes in Late Bronze and Iron Age Strata at Tel Dor (Israel). Journal of Archaeological Science, 2007, 34, 358-373.	2.4	241
52	Assessing Paleolithic pyrotechnology and associated hominin behavior in Israel. Israel Journal of Earth Sciences, 2007, 56, 107-121.	0.3	73
53	The earliest evidence for clay hearths: Aurignacian features in Klisoura Cave 1, southern Greece. Antiquity, 2004, 78, 513-525.	1.0	71
54	Solubilities of bone mineral from archaeological sites: the recrystallization window. Journal of Archaeological Science, 2004, 31, 867-882.	2.4	256

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55	Bat guano and preservation of archaeological remains in cave sites. <i>Journal of Archaeological Science</i> , 2004, 31, 1259-1272.	2.4	209
56	The soil skeleton, a forgotten pool of carbon and nitrogen in soil. <i>European Journal of Soil Science</i> , 2002, 53, 283-298.	3.9	67
57	A Preliminary Report on Pech de l'Az� IV, Layer 8 (Middle Paleolithic, France). <i>PaleoAnthropology</i> , 0, 2009, 182-219.	3.0	80