

Philippe CrombÃ©

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

1,791
citations

331670

21
h-index

315739

38
g-index

88
all docs

88
docs citations

88
times ranked

1999
citing authors

#	ARTICLE	IF	CITATIONS
1	Reply to: No compelling evidence for early small-scale animal husbandry in Atlantic NW Europe. <i>Scientific Reports</i> , 2022, 12, 1403.	3.3	1
2	Estimation of the natural background of phosphate in a lowland river using tidal marsh sediment cores. <i>Biogeosciences</i> , 2022, 19, 763-776.	3.3	3
3	Complementarity of LA-ICP-MS and petrography in the analysis of Neolithic pottery from the Scheldt River valley, Belgium. <i>Journal of Archaeological Science: Reports</i> , 2022, 42, 103413.	0.5	0
4	High-resolution OSL chronology of a well-preserved inland dune in the Lys valley (Sint-Martens-Latem, NW Belgium). <i>Quaternary Geochronology</i> , 2022, 72, 101322.	1.4	1
5	Lateglacial to Middle Holocene landscape development in a small-sized river valley near Antwerp (Belgium). <i>Review of Palaeobotany and Palynology</i> , 2022, 304, 104698.	1.5	1
6	Grey wolf genomic history reveals a dual ancestry of dogs. <i>Nature</i> , 2022, 607, 313-320.	27.8	48
7	Cone penetration testing for extensive mapping of deeply buried Late Glacial coversand landscape paleotopography. <i>Geoarchaeology - an International Journal</i> , 2021, 36, 130-148.	1.5	6
8	Thermal Alteration of Flint: An Experimental Approach to Investigate the Effect on Material Properties. <i>Lithic Technology</i> , 2021, 46, 27-44.	1.1	6
9	Monte Carlo Simulation Aided Quantitative Laboratory X-ray Fluorescence Analysis and Its Application in Provenancing Studies for Geo-Archeological Samples. <i>Analytical Chemistry</i> , 2021, 93, 3898-3904.	6.5	5
10	Burning flint: An experimental approach to study the effect of fire on flint tools. <i>Journal of Archaeological Science: Reports</i> , 2021, 36, 102854.	0.5	3
11	Can calcined bones be used to date Final Palaeolithic and Mesolithic open-air sites? A case-study from the Scheldt basin (NW Belgium). <i>Journal of Archaeological Science</i> , 2021, 131, 105411.	2.4	2
12	Population collapse or human resilience in response to the 9.3 and 8.2Åka cooling events: A multi-proxy analysis of Mesolithic occupation in the Scheldt basin (Belgium). <i>Journal of Anthropological Archaeology</i> , 2021, 64, 101348.	1.6	8
13	Paleoenvironment of the middle Scheldt at Kerkhove Stuw (West Flanders, Belgium) during the Early Holocene. <i>Geomorphologie Relief, Processus, Environnement</i> , 2021, 27, 243-262.	0.4	2
14	Dark Ages woodland recovery and the expansion of beech: a study of land use changes and related woodland dynamics during the Roman to Medieval transition period in northern Belgium. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2020, 99, .	0.9	7
15	Multi-element LA-ICP-MS analysis of the clay fraction of archaeological pottery in provenance studies: a methodological investigation. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2686-2696.	3.0	9
16	New evidence on the earliest domesticated animals and possible small-scale husbandry in Atlantic NW Europe. <i>Scientific Reports</i> , 2020, 10, 20083.	3.3	11
17	On the origin of Mesolithic charcoal-rich pits: A comment on Huisman et al.. <i>Journal of Archaeological Science</i> , 2020, 119, 105058.	2.4	8
18	Formalized Reduction Sequences from the Site of Kerkhove, Belgium â€“ New Perspectives on Early Mesolithic Flint Knapping. <i>Lithic Technology</i> , 2020, 45, 110-124.	1.1	5

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19	RELIABILITY OF AMS ¹⁴ C DATES OF MOSS TEMPER PRESERVED IN NEOLITHIC POTTERY FROM THE SCHELDT RIVER VALLEY (BELGIUM). Radiocarbon, 2020, 62, 1667-1678.	1.8	3
20	The significance of palaeoecological indicators in reconstructing estuarine environments: A multi-proxy study of increased Middle Holocene tidal influence in the lower Scheldt river, N-Belgium. Quaternary Science Reviews, 2020, 230, 106113.	3.0	6
21	Repeated aeolian deflation during the Allerød/GI-1a-c in the coversand lowland of NW Belgium. Catena, 2020, 188, 104453.	5.0	8
22	European Mesolithic: Geography and Culture. , 2020, , 4058-4080.		0
23	Holocene vegetation dynamics in the Campine coversand area (Liereman, N Belgium) in relation to its human occupation. Review of Palaeobotany and Palynology, 2019, 260, 27-37.	1.5	4
24	Mesolithic projectile variability along the southern North Sea basin (NW Europe): Hunter-gatherer responses to repeated climate change at the beginning of the Holocene. PLoS ONE, 2019, 14, e0219094.	2.5	20
25	Early Holocene slope erosion in the Scheldt basin (Belgium): Naturally and/or human induced?. Geomorphology, 2019, 337, 79-93.	2.6	8
26	A well-preserved Michelsberg Culture domed oven from Kortrijk, Belgium. Antiquity, 2019, 93, 342-358.	1.0	2
27	Preliminary characterization of flint raw material used on prehistoric sites in NW Belgium. Geoarchaeology - an International Journal, 2019, 34, 400-412.	1.5	10
28	Ecology and fluvial dynamics of an Early Holocene medium-sized European lowland river valley (Upper Tj ETQq0 0,0 rgBT /Overlock 10	2.4	4
29	An evaluation of classical morphologic and morphometric parameters reported to distinguish wolves and dogs. Journal of Archaeological Science: Reports, 2019, 23, 501-533.	0.5	17
30	European Mesolithic: Geography and Culture. , 2019, , 1-23.		0
31	A new look at an old dog: Bonn-Oberkassel reconsidered. Journal of Archaeological Science, 2018, 92, 126-138.	2.4	65
32	Abrupt cooling events during the Early Holocene and their potential impact on the environment and human behaviour along the southern North Sea basin (NW Europe). Journal of Quaternary Science, 2018, 33, 353-367.	2.1	22
33	Weichselian Lateglacial environmental and vegetation development in the Moervaart palaeolake area (NW Belgium); implications for former human occupation patterns. Review of Palaeobotany and Palynology, 2018, 248, 1-14.	1.5	18
34	The Younger Dryas and Preboreal landscape in the Moervaart area (northwestern Belgium) and the apparent decrease in human occupation. Vegetation History and Archaeobotany, 2018, 27, 697-715.	2.1	8
35	Human resilience to Lateglacial climate and environmental change in the Scheldt basin (NW Belgium). Quaternary International, 2017, 428, 50-63.	1.5	17
36	Food and Soot: Organic Residues On Outer Pottery Surfaces. Radiocarbon, 2017, 59, 1609-1621.	1.8	11

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37	Multiple oscillations during the Lateglacial as recorded in a multi-proxy, high-resolution record of the Moervaart palaeolake (NW Belgium). <i>Quaternary Science Reviews</i> , 2017, 162, 26-41.	3.0	21
38	Postglacial evolution of vegetation and environment in the Scheldt Basin (northern Belgium). <i>Vegetation History and Archaeobotany</i> , 2017, 26, 293-311.	2.1	22
39	Reconstructing Early Neolithic Paleogeography: EMIâ€Based Subsurface Modeling and Chronological Modeling of Holocene Peat below the Lower Scheldt Floodplain in NW Belgium. <i>Geoarchaeology - an International Journal</i> , 2017, 32, 159-176.	1.5	8
40	Exploring Integrated Geophysics and Geotechnics as a Paleolandscape Reconstruction Tool: Archaeological Prospection of (Prehistoric) Sites Buried Deeply below the Scheldt Polders (NW Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 61		
41	Mark Golitko . LBK realpolitik: an archaeometric study of conflict and social structure in the Belgian Early Neolithic. 2015. vi+188 pages, numerous b&w illustrations, tables. Oxford: Archaeopress; 978-1-78491-088-4 paperback Å£33.. <i>Antiquity</i> , 2016, 90, 252-253.	1.0	0
42	Forest fire dynamics during the early and middle Holocene along the southern North Sea basin as shown by charcoal evidence from burnt ant nests. <i>Vegetation History and Archaeobotany</i> , 2016, 25, 311-321.	2.1	18
43	Mesolithic hearth-pits: fact or fantasy? A reassessment based on the evidence from the sites of Doel and Verrebroek (Belgium). <i>Journal of Archaeological Science</i> , 2015, 61, 158-171.	2.4	25
44	Wetland landscape dynamics, Swifterbant land use systems, and the Mesolithicâ€Neolithic transition in the southern North Sea basin. <i>Quaternary International</i> , 2015, 378, 119-133.	1.5	22
45	The â€microlithsâ€™ from the Isles of Scilly and the continental Mesolithic: similar yet still so different. <i>Antiquity</i> , 2015, 89, 980-981.	1.0	2
46	Potential of cone penetrating testing for mapping deeply buried palaeolandscapes in the context of archaeological surveys in polder areas. <i>Journal of Archaeological Science</i> , 2015, 55, 174-187.	2.4	18
47	Mineralogical transformations in sandstone: a fingerprint for prehistorical heating of Palaeolithic hearth stones. <i>European Journal of Mineralogy</i> , 2015, 27, 651-657.	1.3	2
48	In search of sealed Palaeolithic and Mesolithic sites using core sampling: the impact of grid size, meshes and auger diameter on discovery probability. <i>Journal of Archaeological Science</i> , 2015, 53, 445-458.	2.4	13
49	Reconstructing a prehistoric topography using legacy point data in a depositional environment. <i>Earth Surface Processes and Landforms</i> , 2014, 39, 632-645.	2.5	8
50	Synchronizing a Late Glacial Abrupt Cooling Event with Paleoenvironmental and Population Changes: Case Study of the Moervaart Paleolake Area (NW Belgium). <i>Radiocarbon</i> , 2014, 56, 899-912.	1.8	8
51	Chronology of Wetland Hydrological Dynamics and the Mesolithic-Neolithic Transition along the Lower Scheldt: A Bayesian Approach. <i>Radiocarbon</i> , 2014, 56, 883-898.	1.8	17
52	14 C dates as demographic proxies in Neolithisation models of northwestern Europe: a critical assessment using Belgium and northeast France as a case-study. <i>Journal of Archaeological Science</i> , 2014, 52, 558-566.	2.4	65
53	Middle-Holocene alluvial forests and associated fluvial environments: A multi-proxy reconstruction from the lower Scheldt, N Belgium. <i>Holocene</i> , 2014, 24, 1550-1564.	1.7	15
54	A sealed flint knapping site from the Younger Dryas in the Scheldt valley (Belgium): Bridging the gap in human occupation at the Pleistoceneâ€Holocene transition in W Europe. <i>Journal of Archaeological Science</i> , 2014, 50, 420-439.	2.4	9

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55	Chronology of Wetland Hydrological Dynamics and the Mesolithic-Neolithic Transition along the Lower Scheldt: A Bayesian Approach. <i>Radiocarbon</i> , 2014, 56, 883-898.	1.8	1
56	Synchronizing a Late Glacial Abrupt Cooling Event with Paleoenvironmental and Population Changes: Case Study of the Moervaart Paleolake Area (NW Belgium). <i>Radiocarbon</i> , 2014, 56, 899-912.	1.8	2
57	A reconstruction of middle Holocene alluvial hardwood forests (Lower Scheldt river, northern) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.2	16
58	Application of the topographic position index to heterogeneous landscapes. <i>Geomorphology</i> , 2013, 186, 39-49.	2.6	412
59	Establishing discovery probabilities of lithic artefacts in Palaeolithic and Mesolithic sites with core sampling. <i>Journal of Archaeological Science</i> , 2013, 40, 240-247.	2.4	19
60	Radiocarbon chronology and the correlation of hunter-gatherer sociocultural change with abrupt palaeoclimate change: the Middle Mesolithic in the Rhine-Meuse-Scheldt area of northwest Europe. <i>Journal of Archaeological Science</i> , 2013, 40, 755-763.	2.4	32
61	A multidisciplinary approach to reconstructing Late Glacial and Early Holocene landscapes. <i>Journal of Archaeological Science</i> , 2013, 40, 1260-1267.	2.4	28
62	Wood charcoal and seeds as indicators for animal husbandry in a wetland site during the late mesolithic-early neolithic transition period (Swifterbant culture, ca. 4600-4000 b.c.) in NW Belgium. <i>Vegetation History and Archaeobotany</i> , 2013, 22, 51-60.	2.1	36
63	The influence of environmental changes on local and regional vegetation patterns at Rieme (NW) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.1	25
64	Beyond the unknown: understanding prehistoric patterns in the urbanised landscape of Flanders. <i>Journal of Historical Geography</i> , 2013, 40, 1-15.	0.7	4
65	Hunter-gatherer responses to the changing environment of the Moervaart palaeolake (Nw Belgium) during the Late Glacial and Early Holocene. <i>Quaternary International</i> , 2013, 308-309, 162-177.	1.5	25
66	Reconstructing Phreatic Palaeogroundwater Levels in a Geoarchaeological Context: A Case Study in Flanders, Belgium. <i>Geoarchaeology - an International Journal</i> , 2013, 28, 170-189.	1.5	25
67	Hunting, gathering, fishing and herding: Animal exploitation in Sandy Flanders (NW Belgium) during the second half of the fifth millennium BC. <i>Environmental Archaeology</i> , 2013, 18, 87-101.	1.2	14
68	Late Mesolithic Armature Variability in the Southern North Sea Basin: Implications for Forager-Linearbandkeramik Contact Models of the Transition to Agriculture in Belgium and the Southern Netherlands. <i>European Journal of Archaeology</i> , 2013, 16, 3-20.	0.5	6
69	Absolute Dating (14C and OSL) of the Formation of Coversand Ridges Occupied by Prehistoric Hunter-Gatherers in NW Belgium. <i>Radiocarbon</i> , 2012, 54, 715-726.	1.8	21
70	Reconstructing palaeochannel morphology with a mobile multicoil electromagnetic induction sensor. <i>Geomorphology</i> , 2011, 130, 136-141.	2.6	45
71	Measuring the relative topographic position of archaeological sites in the landscape, a case study on the Bronze Age barrows in northwest Belgium. <i>Journal of Archaeological Science</i> , 2011, 38, 3435-3446.	2.4	45
72	Hunter-gatherer responses to environmental change during the Pleistocene-Holocene transition in the southern North Sea basin: Final Palaeolithic-Final Mesolithic land use in northwest Belgium. <i>Journal of Anthropological Archaeology</i> , 2011, 30, 454-471.	1.6	62

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73	The brown gold: a reappraisal of medieval peat marshes in Northern Flanders (Belgium). <i>Water History</i> , 2011, 3, 73-93.	1.3	22
74	On the use of integrated process models to reconstruct prehistoric occupation, with examples from Sandy Flanders, Belgium. <i>Geoarchaeology - an International Journal</i> , 2010, 25, 784-814.	1.5	12
75	Fish Reservoir Effect on Charred Food Residue 14C Dates: Are Stable Isotope Analyses the Solution?. <i>Radiocarbon</i> , 2010, 52, 697-705.	1.8	36
76	Counting microliths: a reliable method to assess Mesolithic land use?. <i>Antiquity</i> , 2009, 83, 821-826.	1.0	1
77	Lithic Technology and the Cultural Identity of Early Mesolithic Groups. <i>Current Anthropology</i> , 2008, 49, 317-327.	1.6	10
78	The "invisible" hearths: a contribution to the discernment of Mesolithic non-structured surface hearths. <i>Journal of Archaeological Science</i> , 2006, 33, 999-1007.	2.4	112
79	The Neolithic transition and European population history. <i>Antiquity</i> , 2004, 78, 708-710.	1.0	8
80	The Mesolithic-Neolithic transition in the sandy lowlands of Belgium: new evidence. <i>Antiquity</i> , 2002, 76, 699-706.	1.0	25
81	The Site of Verrebroek "Dok" and its Contribution to the Absolute Dating of the Mesolithic in the Low Countries. <i>Radiocarbon</i> , 2001, 43, 997-1005.	1.8	7
82	Wear Analysis on Early Mesolithic Microliths from the Verrebroek Site, East Flanders, Belgium. <i>Journal of Field Archaeology</i> , 2001, 28, 253-269.	1.3	49
83	A neolithic site at Bida Al Mitawaa in Western Abu Dhabi (U.A.E.). <i>Arabian Archaeology and Epigraphy</i> , 2000, 11, 9-14.	0.3	3
84	Catching a Glimpse of Mesolithic Settlement Patterns and Site Re-occupation Through Lithic Refitting, Raw Material Characterizations and Absolute Dating. <i>Journal of Archaeological Method and Theory</i> , 0, , .	3.0	1