Philippe CrombÃ©

List of Publications by Year
in descending order

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	Application of the topographic position index to heterogeneous landscapes. Geomorphology, 2013, 186, 39-49.	2.6	412
2	The â€˜invisibleâ€™ hearths: a contribution to the discernment of Mesolithic non-structured surface hearths. Journal of Archaeological Science, 2006, 33, 999-1007.	2.4	112
3	14 C dates as demographic proxies in Neolithisation models of northwestern Europe: a critical assessment using Belgium and northeast France as a case-study. Journal of Archaeological Science, 2014, 52, 558-566.	2.4	65
4	A new look at an old dog: Bonn-Oberkassel reconsidered. Journal of Archaeological Science, 2018, 92, 126-138.	2.4	65
5	Hunterâ€“gatherer responses to environmental change during the Pleistoceneâ€“Holocene transition in the southern North Sea basin: Final Palaeolithicâ€“Final Mesolithic land use in northwest Belgium. Journal of Anthropological Archaeology, 2011, 30, 454-471.	1.6	62
6	Wear Analysis on Early Mesolithic Microliths from the Verrebroek Site, East Flanders, Belgium. Journal of Field Archaeology, 2001, 28, 253-269.	1.3	49
7	Grey wolf genomic history reveals a dual ancestry of dogs. Nature, 2022, 607, 313-320.	27.8	48
8	Reconstructing palaeochannel morphology with a mobile multicoil electromagnetic induction sensor. Geomorphology, 2011, 130, 136-141.	2.6	45
9	Measuring the relative topographic position of archaeological sites in the landscape, a case study on the Bronze Age barrows in northwest Belgium. Journal of Archaeological Science, 2011, 38, 3435-3446.	2.4	45
10	Wood charcoal and seeds as indicators for animal husbandry in a wetland site during the late mesolithicâ€“early neolithic transition period (Swifterbant culture, ca. 4600â€“4000 b.c.) in NW Belgium. Vegetation History and Archaeobotany, 2013, 22, 51-60.	2.1	36
11	Fish Reservoir Effect on Charred Food Residue 14C Dates: Are Stable Isotope Analyses the Solution?. Radiocarbon, 2010, 52, 697-705.	1.8	36
12	Radiocarbon chronology and the correlation of hunterâ€“gatherer sociocultural change with abrupt palaeoclimate change: the Middle Mesolithic in the Rhineâ€“Meuseâ€“Scheldt area of northwest Europe. Journal of Archaeological Science, 2013, 40, 755-763.	2.4	32
13	A multidisciplinary approach to reconstructing Late Glacial and Early Holocene landscapes. Journal of Archaeological Science, 2013, 40, 1260-1267.	2.4	28
14	The Mesolithicâ€“Neolithic transition in the sandy lowlands of Belgium: new evidence. Antiquity, 2002, 76, 699-706.	1.0	25
15	The influence of environmental changes on local and regional vegetation patterns at Rieme (NW) Tj ETQq1 1 0.784314 rgBT /Overloc 22, 17-38.	2.1	25
16	Hunter-gatherer responses to the changing environment of the Moervaart palaeolake (Nw Belgium) during the Late Glacial and Early Holocene. Quaternary International, 2013, 308-309, 162-177.	1.5	25
17	Reconstructing Phreatic Palaeogroundwater Levels in a Geoarchaeological Context: A Case Study in Flanders, Belgium. Geoarchaeology - an International Journal, 2013, 28, 170-189.	1.5	25
18	Mesolithic hearth-pits: fact or fantasy? A reassessment based on the evidence from the sites of Doel and Verrebroek (Belgium). Journal of Archaeological Science, 2015, 61, 158-171.	2.4	25

#	ARTICLE	IF	CITATIONS
19	The brown gold: a reappraisal of medieval peat marshes in Northern Flanders (Belgium). Water History, 2011, 3, 73-93.	1.3	22
20	Wetland landscape dynamics, Swifterbant land use systems, and the Mesolithicâ€“Neolithic transition in the southern North Sea basin. Quaternary International, 2015, 378, 119-133.	1.5	22
21	Exploring Integrated Geophysics and Geotechnics as a Paleolandscape Reconstruction Tool: Archaeological Prospection of (Prehistoric) Sites Buried Deeply below the Scheldt Polders (NW) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	22
22	Postglacial evolution of vegetation and environment in the Scheldt Basin (northern Belgium). Vegetation History and Archaeobotany, 2017, 26, 293-311.	2.1	22
23	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
24	Absolute Dating (14C and OSL) of the Formation of Coversand Ridges Occupied by Prehistoric Hunter-Gatherers in NW Belgium. Radiocarbon, 2012, 54, 715-726.	1.8	21
25	Multiple oscillations during the Lateglacial as recorded in a multi-proxy, high-resolution record of the Moervaart palaeolake (NW Belgium). Quaternary Science Reviews, 2017, 162, 26-41.	3.0	21
26	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
27	Establishing discovery probabilities of lithic artefacts in Palaeolithic and Mesolithic sites with core sampling. Journal of Archaeological Science, 2013, 40, 240-247.	2.4	19
28	Potential of cone penetrating testing for mapping deeply buried palaeolandscapes in the context of archaeological surveys in polder areas. Journal of Archaeological Science, 2015, 55, 174-187.	2.4	18
29	Forest fire dynamics during the early and middle Holocene along the southern North Sea basin as shown by charcoal evidence from burnt ant nests. Vegetation History and Archaeobotany, 2016, 25, 311-321.	2.1	18
30	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
31	Chronology of Wetland Hydrological Dynamics and the Mesolithic-Neolithic Transition along the Lower Scheldt: A Bayesian Approach. Radiocarbon, 2014, 56, 883-898.	1.8	17
32	Human resilience to Lateglacial climate and environmental change in the Scheldt basin (NW Belgium). Quaternary International, 2017, 428, 50-63.	1.5	17
33	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
34	A reconstruction of middle Holocene alluvial hardwood forests (Lower Scheldt river, northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147	0.2	16
35	Middle-Holocene alluvial forests and associated fluvial environments: A multi-proxy reconstruction from the lower Scheldt, N Belgium. Holocene, 2014, 24, 1550-1564.	1.7	15
36	Hunting, gathering, fishing and herding: Animal exploitation in Sandy Flanders (NW Belgium) during the second half of the fifth millennium BC. Environmental Archaeology, 2013, 18, 87-101.	1.2	14

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37	In search of sealed Palaeolithic and Mesolithic sites using core sampling: the impact of grid size, meshes and auger diameter on discovery probability. Journal of Archaeological Science, 2015, 53, 445-458.	2.4	13
38	On the use of integrated process models to reconstruct prehistoric occupation, with examples from Sandy Flanders, Belgium. Geoarchaeology - an International Journal, 2010, 25, 784-814.	1.5	12
39	Food and Soot: Organic Residues On Outer Pottery Surfaces. Radiocarbon, 2017, 59, 1609-1621.	1.8	11
40	New evidence on the earliest domesticated animals and possible small-scale husbandry in Atlantic NW Europe. Scientific Reports, 2020, 10, 20083.	3.3	11
41	Lithic Technology and the Cultural Identity of Early Mesolithic Groups. Current Anthropology, 2008, 49, 317-327.	1.6	10
42	Preliminary characterization of flint raw material used on prehistoric sites in NW Belgium. Geoarchaeology - an International Journal, 2019, 34, 400-412.	1.5	10
43	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. Journal of Archaeological Science, 2014, 50, 420-439.	2.4	9
44	Multi-element LA-ICP-MS analysis of the clay fraction of archaeological pottery in provenance studies: a methodological investigation. Journal of Analytical Atomic Spectrometry, 2020, 35, 2686-2696.	3.0	9
45	The Neolithic transition and European population history. Antiquity, 2004, 78, 708-710.	1.0	8
46	Reconstructing a prehistoric topography using legacy point data in a depositional environment. Earth Surface Processes and Landforms, 2014, 39, 632-645.	2.5	8
47	Synchronizing a Late Glacial Abrupt Cooling Event with Paleoenvironmental and Population Changes: Case Study of the Moervaart Paleolake Area (NW Belgium). Radiocarbon, 2014, 56, 899-912.	1.8	8
48	Reconstructing Early Neolithic Paleogeography: EMIâ€Based Subsurface Modeling and Chronological Modeling of Holocene Peat below the Lower Scheldt Floodplain in NW Belgium. Geoarchaeology - an International Journal, 2017, 32, 159-176.	1.5	8
49	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
50	Early Holocene slope erosion in the Scheldt basin (Belgium): Naturally and/or human induced?. Geomorphology, 2019, 337, 79-93.	2.6	8
51	On the origin of Mesolithic charcoal-rich pits: A comment on Huisman et al.. Journal of Archaeological Science, 2020, 119, 105058.	2.4	8
52	Repeated aeolian deflation during the AllerÃ¸d/GI-1a-c in the coversand lowland of NW Belgium. Catena, 2020, 188, 104453.	5.0	8
53	Population collapse or human resilience in response to the 9.3 and 8.2Âka cooling events: A multi-proxy analysis of Mesolithic occupation in the Scheldt basin (Belgium). Journal of Anthropological Archaeology, 2021, 64, 101348.	1.6	8
54	The Site of Verrebroek â€˜Dokâ€™ and its Contribution to the Absolute Dating of the Mesolithic in the Low Countries. Radiocarbon, 2001, 43, 997-1005.	1.8	7

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55	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. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2020, 99, .	0.9	7
56	Late Mesolithic Armature Variability in the Southern North Sea Basin: Implications for Forager-LinearbandkeramikContact Models of the Transition to Agriculture in Belgium and the Southern Netherlands. European Journal of Archaeology, 2013, 16, 3-20.	0.5	6
57	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
58	Cone penetration testing for extensive mapping of deeply buried Late Glacial coversand landscape paleotopography. Geoarchaeology - an International Journal, 2021, 36, 130-148.	1.5	6
59	Thermal Alteration of Flint: An Experimental Approach to Investigate the Effect on Material Properties. Lithic Technology, 2021, 46, 27-44.	1.1	6
60	Formalized Reduction Sequences from the Site of Kerkhove, Belgium â€“ New Perspectives on Early Mesolithic Flint Knapping. Lithic Technology, 2020, 45, 110-124.	1.1	5
61	Monte Carlo Simulation Aided Quantitative Laboratory X-ray Fluorescence Analysis and Its Application in Provenancing Studies for Geo-Archeological Samples. Analytical Chemistry, 2021, 93, 3898-3904.	6.5	5
62	Beyond the unknown: understanding prehistoric patterns in the urbanised landscape of Flanders. Journal of Historical Geography, 2013, 40, 1-15.	0.7	4
63	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
64	Ecology and fluvial dynamics of an Early Holocene mediumâ€sized European lowland river valley (Upper) Tj ETQq0 0 0 rgBT /Overlock 10	2.4	4
65	A neolithic site at Bida Al Mitawaa in Western Abu Dhabi (U.A.E.). Arabian Archaeology and Epigraphy, 2000, 11, 9-14.	0.3	3
66	RELIABILITY OF AMS ¹⁴C DATES OF MOSS TEMPER PRESERVED IN NEOLITHIC POTTERY FROM THE SCHELDT RIVER VALLEY (BELGIUM). Radiocarbon, 2020, 62, 1667-1678.	1.8	3
67	Burning flint: An experimental approach to study the effect of fire on flint tools. Journal of Archaeological Science: Reports, 2021, 36, 102854.	0.5	3
68	Estimation of the natural background of phosphate in a lowland river using tidal marsh sediment cores. Biogeosciences, 2022, 19, 763-776.	3.3	3
69	The â€˜microlithsâ€™ from the Isles of Scilly and the continental Mesolithic: similar yet still so different. Antiquity, 2015, 89, 980-981.	1.0	2
70	Mineralogical transformations in sandstone: a fingerprint for prehistorical heating of Palaeolithic hearth stones. European Journal of Mineralogy, 2015, 27, 651-657.	1.3	2
71	A well-preserved Michelsberg Culture domed oven from Kortrijk, Belgium. Antiquity, 2019, 93, 342-358.	1.0	2
72	Can calcined bones be used to date Final Palaeolithic and Mesolithic open-air sites? A case-study from the Scheldt basin (NW Belgium). Journal of Archaeological Science, 2021, 131, 105411.	2.4	2

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73	Synchronizing a Late Glacial Abrupt Cooling Event with Paleoenvironmental and Population Changes: Case Study of the Moervaart Paleolake Area (NW Belgium). Radiocarbon, 2014, 56, 899-912.	1.8	2
74	Paleoenvironment of the middle Scheldt at Kerkhove Stuw (West Flanders, Belgium) during the Early Holocene. Geomorphologie Relief, Processus, Environnement, 2021, 27, 243-262.	0.4	2
75	Counting microliths: a reliable method to assess Mesolithic land use?. Antiquity, 2009, 83, 821-826.	1.0	1
76	Chronology of Wetland Hydrological Dynamics and the Mesolithic-Neolithic Transition along the Lower Scheldt: A Bayesian Approach. Radiocarbon, 2014, 56, 883-898.	1.8	1
77	Reply to: No compelling evidence for early small-scale animal husbandry in Atlantic NW Europe. Scientific Reports, 2022, 12, 1403.	3.3	1
78	Catching a Glimpse of Mesolithic Settlement Patterns and Site Re-occupation Through Lithic Refitting, Raw Material Characterizations and Absolute Dating. Journal of Archaeological Method and Theory, 0, , .	3.0	1
79	High-resolution OSL chronology of a well-preserved inland dune in the Lys valley (Sint-Martens-Latem, NW Belgium). Quaternary Geochronology, 2022, 72, 101322.	1.4	1
80	Lateglacial to Middle Holocene landscape development in a small-sized river valley near Antwerp (Belgium). Review of Palaeobotany and Palynology, 2022, 304, 104698.	1.5	1
81	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 Â£33.. Antiquity, 2016, 90, 252-253.	1.0	0
82	European Mesolithic: Geography and Culture. , 2019, , 1-23.		0
83	European Mesolithic: Geography and Culture. , 2020, , 4058-4080.		0
84	Complementarity of LA-ICP-MS and petrography in the analysis of Neolithic pottery from the Scheldt River valley, Belgium. Journal of Archaeological Science: Reports, 2022, 42, 103413.	0.5	0