

# Emilie Capron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7556168/publications.pdf>

Version: 2024-02-01

31  
papers

2,397  
citations

257450

24  
h-index

434195

31  
g-index

34  
all docs

34  
docs citations

34  
times ranked

2849  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Antarctic ice core chronology (AICC2012): an optimized multi-parameter and multi-site dating approach for the last 120 thousand years. <i>Climate of the Past</i> , 2013, 9, 1733-1748.	3.4	362
2	An optimized multi-proxy, multi-site Antarctic ice and gas orbital chronology (AICC2012): 120â€“800 ka. <i>Climate of the Past</i> , 2013, 9, 1715-1731.	3.4	324
3	The PMIP4 contribution to CMIP6 â€“ Part 2: Two interglacials, scientific objective and experimental design for Holocene and Last Interglacial simulations. <i>Geoscientific Model Development</i> , 2017, 10, 3979-4003.	3.6	171
4	Palaeoclimate constraints on the impact of 2 Â°C anthropogenic warming and beyond. <i>Nature Geoscience</i> , 2018, 11, 474-485.	12.9	166
5	Temporal and spatial structure of multi-millennial temperature changes at high latitudes during the Last Interglacial. <i>Quaternary Science Reviews</i> , 2014, 103, 116-133.	3.0	146
6	Millennial and sub-millennial scale climatic variations recorded in polar ice cores over the last glacial period. <i>Climate of the Past</i> , 2010, 6, 345-365.	3.4	143
7	Sequence of events from the onset to the demise of the Last Interglacial: Evaluating strengths and limitations of chronologies used in climatic archives. <i>Quaternary Science Reviews</i> , 2015, 129, 1-36.	3.0	126
8	Persistent influence of ice sheet melting on high northern latitude climate during the early Last Interglacial. <i>Climate of the Past</i> , 2012, 8, 483-507.	3.4	91
9	Synchronising EDML and NorthGRIP ice cores using $\delta^{18}O$ of atmospheric oxygen ( $\delta^{18}O_{atm}$ ) and $CH_4$ measurements over MIS5 (80â€“123 kyr). <i>Quaternary Science Reviews</i> , 2010, 29, 222-234.	3.0	89
10	Large-scale features of Last Interglacial climate: results from evaluating the &lt;i>CCSM</i> simulations for the Coupled Model Intercomparison Project (CMIP6)â€“Paleoclimate Modeling Intercomparison Project (PMIP4). <i>Climate of the Past</i> , 2021, 17, 63-94.	3.4	76
11	Past perspectives on the present era of abrupt Arctic climate change. <i>Nature Climate Change</i> , 2020, 10, 714-721.	18.8	72
12	Spatial gradients of temperature, accumulation and $\delta^{18}O$ -ice in Greenland over a series of Dansgaardâ€“Oeschger events. <i>Climate of the Past</i> , 2013, 9, 1029-1051.	3.4	67
13	Critical evaluation of climate syntheses to benchmark CMIP6/PMIP4 127 ka Last Interglacial simulations in the high-latitude regions. <i>Quaternary Science Reviews</i> , 2017, 168, 137-150.	3.0	63
14	Synchronous timing of abrupt climate changes during the last glacial period. <i>Science</i> , 2020, 369, 963-969.	12.6	62
15	Bipolar volcanic synchronization of abrupt climate change in Greenland and Antarctic ice cores during the last glacial period. <i>Climate of the Past</i> , 2020, 16, 1565-1580.	3.4	44
16	Warm climate isotopic simulations: what do we learn about interglacial signals in Greenland ice cores?. <i>Quaternary Science Reviews</i> , 2013, 67, 59-80.	3.0	43
17	Decadal-scale progression of the onset of Dansgaardâ€“Oeschger warming events. <i>Climate of the Past</i> , 2019, 15, 811-825.	3.4	31
18	How warm was Greenland during the last interglacial period?. <i>Climate of the Past</i> , 2016, 12, 1933-1948.	3.4	30

#	ARTICLE	IF	CITATIONS
19	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1570-1596.	2.9	30
20	Evidence of Isotopic Fractionation During Vapor Exchange Between the Atmosphere and the Snow Surface in Greenland. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2932-2945.	3.3	30
21	Ice core evidence for decoupling between midlatitude atmospheric water cycle and Greenland temperature during the last deglaciation. <i>Climate of the Past</i> , 2018, 14, 1405-1415.	3.4	29
22	A 120,000-year long climate record from a NW-Greenland deep ice core at ultra-high resolution. <i>Scientific Data</i> , 2021, 8, 141.	5.3	28
23	The anatomy of past abrupt warmings recorded in Greenland ice. <i>Nature Communications</i> , 2021, 12, 2106.	12.8	27
24	The penultimate deglaciation: protocol for Paleoclimate Modelling Intercomparison Project (PMIP) phase 4 transient numerical simulations between 140 and 127â€‰ka, version 1.0. <i>Geoscientific Model Development</i> , 2019, 12, 3649-3685.	3.6	26
25	Impact of meltwater on high-latitude early Last Interglacial climate. <i>Climate of the Past</i> , 2016, 12, 1919-1932.	3.4	22
26	Factors controlling the last interglacial climate as simulated by LOVECLIM1.3. <i>Climate of the Past</i> , 2014, 10, 1541-1565.	3.4	21
27	CMIP6/PMIP4 simulations of the mid-Holocene and Last Interglacial using HadGEM3: comparison to the pre-industrial era, previous model versions and proxy data. <i>Climate of the Past</i> , 2020, 16, 1429-1450.	3.4	19
28	Simulating the Last Interglacial Greenland stable water isotope peak: The role of Arctic sea ice changes. <i>Quaternary Science Reviews</i> , 2018, 198, 1-14.	3.0	16
29	Challenges and research priorities to understand interactions between climate, ice sheets and global mean sea level during past interglacials. <i>Quaternary Science Reviews</i> , 2019, 219, 308-311.	3.0	12
30	Fast and slow components of interstadial warming in the North Atlantic during the last glacial. <i>Communications Earth &amp; Environment</i> , 2020, 1, .	6.8	10
31	Using Ice Cores and Gaussian Process Emulation to Recover Changes in the Greenland Ice Sheet During the Last Interglacial. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005237.	2.8	10