Emilie Capron

List of Publications by Year
in descending order

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 anatomy of past abrupt warmings recorded in Greenland ice. Nature Communications, 2021, 12, 2106.	12.8	27
2	A 120,000-year long climate record from a NW-Greenland deep ice core at ultra-high resolution. Scientific Data, 2021, 8, 141.	5.3	28
3	Large-scale features of Last Interglacial climate: results from evaluating the <i>lig127k</i> simulations for the Coupled Model Intercomparison Project (CMIP6)â€“Paleoclimate Modeling Intercomparison Project (PMIP4). Climate of the Past, 2021, 17, 63-94.	3.4	76
4	Past perspectives on the present era of abrupt Arctic climate change. Nature Climate Change, 2020, 10, 714-721.	18.8	72
5	Fast and slow components of interstadial warming in the North Atlantic during the last glacial. Communications Earth & Environment, 2020, 1, .	6.8	10
6	Synchronous timing of abrupt climate changes during the last glacial period. Science, 2020, 369, 963-969.	12.6	62
7	Using Ice Cores and Gaussian Process Emulation to Recover Changes in the Greenland Ice Sheet During the Last Interglacial. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2019JF005237.	2.8	10
8	CMIP6/PMIP4 simulations of the mid-Holocene and Last Interglacial using HadGEM3: comparison to the pre-industrial era, previous model versions and proxy data. Climate of the Past, 2020, 16, 1429-1450.	3.4	19
9	Bipolar volcanic synchronization of abrupt climate change in Greenland and Antarctic ice cores during the last glacial period. Climate of the Past, 2020, 16, 1565-1580.	3.4	44
10	Challenges and research priorities to understand interactions between climate, ice sheets and global mean sea level during past interglacials. Quaternary Science Reviews, 2019, 219, 308-311.	3.0	12
11	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. Paleoceanography and Paleoclimatology, 2019, 34, 1570-1596.	2.9	30
12	The penultimate deglaciation: protocol for Paleoclimate Modelling Intercomparison Project (PMIP) phase 4 transient numerical simulations between 140 and 127â€‰ka, version 1.0. Geoscientific Model Development, 2019, 12, 3649-3685.	3.6	26
13	Decadal-scale progression of the onset of Dansgaardâ€“Oeschger warming events. Climate of the Past, 2019, 15, 811-825.	3.4	31
14	Evidence of Isotopic Fractionation During Vapor Exchange Between the Atmosphere and the Snow Surface in Greenland. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2932-2945.	3.3	30
15	Ice core evidence for decoupling between midlatitude atmospheric water cycle and Greenland temperature during the last deglaciation. Climate of the Past, 2018, 14, 1405-1415.	3.4	29
16	Simulating the Last Interglacial Greenland stable water isotope peak: The role of Arctic sea ice changes. Quaternary Science Reviews, 2018, 198, 1-14.	3.0	16
17	Palaeoclimate constraints on the impact of 2 Â°C anthropogenic warming and beyond. Nature Geoscience, 2018, 11, 474-485.	12.9	166
18	Critical evaluation of climate syntheses to benchmark CMIP6/PMIP4 127 ka Last Interglacial simulations in the high-latitude regions. Quaternary Science Reviews, 2017, 168, 137-150.	3.0	63

#	Article	IF	Citations
19	The PMIP4 contribution to CMIP6 â€“ Part 2: Two interglacials, scientific objective and experimental design for Holocene and Last Interglacial simulations. Geoscientific Model Development, 2017, 10, 3979-4003.	3.6	171
20	How warm was Greenland during the last interglacial period?. Climate of the Past, 2016, 12, 1933-1948.	3.4	30
21	Impact of meltwater on high-latitude early Last Interglacial climate. Climate of the Past, 2016, 12, 1919-1932.	3.4	22
22	Sequence of events from the onset to the demise of the Last Interglacial: Evaluating strengths and limitations of chronologies usedÂin climatic archives. Quaternary Science Reviews, 2015, 129, 1-36.	3.0	126
23	Factors controlling the last interglacial climate as simulated by LOVECLIM1.3. Climate of the Past, 2014, 10, 1541-1565.	3.4	21
24	Temporal and spatial structure of multi-millennial temperature changes at high latitudes during the Last Interglacial. Quaternary Science Reviews, 2014, 103, 116-133.	3.0	146
25	Warm climate isotopic simulations: what do we learn about interglacial signals in Greenland ice cores?. Quaternary Science Reviews, 2013, 67, 59-80.	3.0	43
26	The Antarctic ice core chronology (AICC2012): an optimized multi-parameter and multi-site dating approach for the last 120 thousand years. Climate of the Past, 2013, 9, 1733-1748.	3.4	362
27	Spatial gradients of temperature, accumulation and Î´¹⁸O-ice in Greenland over a series of Dansgaardâ€“Oeschger events. Climate of the Past, 2013, 9, 1029-1051.	3.4	67
28	An optimized multi-proxy, multi-site Antarctic ice and gas orbital chronology (AICC2012): 120â€“800 ka. Climate of the Past, 2013, 9, 1715-1731.	3.4	324
29	Persistent influence of ice sheet melting on high northern latitude climate during the early Last Interglacial. Climate of the Past, 2012, 8, 483-507.	3.4	91
30	Millennial and sub-millennial scale climatic variations recorded in polar ice cores over the last glacial period. Climate of the Past, 2010, 6, 345-365.	3.4	143
31	Synchronising EDML and NorthGRIP ice cores using Î´18O of atmospheric oxygen (Î´18Oatm) and CH4 measurements over MIS5 (80â€“123 kyr). Quaternary Science Reviews, 2010, 29, 222-234.	3.0	89