

Recent Antarctic Peninsula warming relative to Holocene

Nature

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Brief but warm Antarctic summer. <i>Nature</i> , 2012, 489, 39-40.	13.7	5
2	Patterns, processes and vulnerability of Southern Ocean benthos: a decadal leap in knowledge and understanding. <i>Marine Biology</i> , 2013, 160, 2295-2317.	0.7	79
3	Plants and Soil Microbes Respond to Recent Warming on the Antarctic Peninsula. <i>Current Biology</i> , 2013, 23, 1702-1706.	1.8	62
4	A 308 year record of climate variability in West Antarctica. <i>Geophysical Research Letters</i> , 2013, 40, 5492-5496.	1.5	43
5	Effects of ocean warming and acidification on fertilization in the Antarctic echinoid <i>Sterechinus neumayeri</i> across a range of sperm concentrations. <i>Marine Environmental Research</i> , 2013, 90, 136-141.	1.1	25
6	Diatoms and biomarkers evidence for major changes in sea ice conditions prior the instrumental period in Antarctic Peninsula. <i>Quaternary Science Reviews</i> , 2013, 79, 99-110.	1.4	20
7	Multistressor Impacts of Warming and Acidification of the Ocean on Marine Invertebrates' Life Histories. <i>Integrative and Comparative Biology</i> , 2013, 53, 582-596.	0.9	312
8	Palaeoenvironmental records from the West Antarctic Peninsula drift sediments over the last 75 ka. <i>Geological Society Special Publication</i> , 2013, 381, 263-276.	0.8	5
9	The human genome project: big science transforms biology and medicine. <i>Genome Medicine</i> , 2013, 5, 79.	3.6	184
10	Late Quaternary environmental changes in Marguerite Bay, Antarctic Peninsula, inferred from lake sediments and raised beaches. <i>Quaternary Science Reviews</i> , 2013, 68, 216-236.	1.4	40
11	Acceleration of snow melt in an Antarctic Peninsula ice core during the twentieth century. <i>Nature Geoscience</i> , 2013, 6, 404-411.	5.4	154
12	Recent climate and ice-sheet changes in West Antarctica compared with the past 2,000 years. <i>Nature Geoscience</i> , 2013, 6, 372-375.	5.4	140
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14	Antarctic response. <i>Nature Geoscience</i> , 2013, 6, 334-335.	5.4	0
15	Vulnerability of the calcifying larval stage of the Antarctic sea urchin <i>Sterechinus neumayeri</i> to near-future ocean acidification and warming. <i>Global Change Biology</i> , 2013, 19, 2264-2275.	4.2	77
16	The stunting effect of a high CO ₂ ocean on calcification and development in sea urchin larvae, a synthesis from the tropics to the poles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120439.	1.8	132
17	Decelerated mass loss of Hurd and Johnsons Glaciers, Livingston Island, Antarctic Peninsula. <i>Journal of Glaciology</i> , 2013, 59, 115-128.	1.1	56
18	Borehole temperatures reveal a changed energy budget at Mill Island, East Antarctica, over recent decades. <i>Cryosphere</i> , 2013, 7, 263-273.	1.5	16

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20	Late Pleistocene and early Holocene change in the Weddell Sea: a new climate record from the Patriot Hills, Ellsworth Mountains, West Antarctica. <i>Journal of Quaternary Science</i> , 2013, 28, 697-704.	1.1	14
21	Glacial-interglacial dynamics of Antarctic firn columns: comparison between simulations and ice core air- $\delta^{15}\text{N}$ measurements. <i>Climate of the Past</i> , 2013, 9, 983-999.	1.3	22
22	A brief history of ice core science over the last 50 yr. <i>Climate of the Past</i> , 2013, 9, 2525-2547.	1.3	95
23	Holocene climate variations in the western Antarctic Peninsula: evidence for sea ice extent predominantly controlled by changes in insolation and ENSO variability. <i>Climate of the Past</i> , 2013, 9, 1431-1446.	1.3	83
24	Adelie penguins coping with environmental change: results from a natural experiment at the edge of their breeding range. <i>Frontiers in Ecology and Evolution</i> , 2014, 2, .	1.1	48
25	Detailed ice loss pattern in the northern Antarctic Peninsula: widespread decline driven by ice front retreats. <i>Cryosphere</i> , 2014, 8, 2135-2145.	1.5	55
26	Omics profiles used to evaluate the gene expression of <i>Exiguobacterium antarcticum</i> B7 during cold adaptation. <i>BMC Genomics</i> , 2014, 15, 986.	1.2	21
27	Ice-stream initiation, duration and thinning on James Ross Island, northern Antarctic Peninsula. <i>Quaternary Science Reviews</i> , 2014, 86, 78-88.	1.4	30
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29	The spatial structure of Antarctic biodiversity. <i>Ecological Monographs</i> , 2014, 84, 203-244.	2.4	286
30	Modelled glacier response to centennial temperature and precipitation trends on the Antarctic Peninsula. <i>Nature Climate Change</i> , 2014, 4, 993-998.	8.1	46
31	Timing of the Northern Prince Gustav Ice Stream retreat and the deglaciation of northern James Ross Island, Antarctic Peninsula during the last glacial-interglacial transition. <i>Quaternary Research</i> , 2014, 82, 441-449.	1.0	43
32	Population dynamics of <i>Pygoscelis</i> penguins (1980-2012) and penguin dropping records (1916-2001) on Ardley Island of West Antarctica, in response to ENSO. <i>Science Bulletin</i> , 2014, 59, 437-446.	1.7	3
33	Evolution of the Southern Annular Mode during the past millennium. <i>Nature Climate Change</i> , 2014, 4, 564-569.	8.1	277
34	The Southern Ocean silica cycle. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 279-286.	0.4	30
35	Temperature trends during the Present and Last Interglacial periods - a multi-model-data comparison. <i>Quaternary Science Reviews</i> , 2014, 99, 224-243.	1.4	48
36	Insights into deglaciation of the largest ice-free area in the South Shetland Islands (Antarctica) from quantitative analysis of the drainage system. <i>Geomorphology</i> , 2014, 225, 4-24.	1.1	24
37	Reconstruction of ice-sheet changes in the Antarctic Peninsula since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 87-110.	1.4	129

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38	Antarctic climate change and the environment: an update. <i>Polar Record</i> , 2014, 50, 237-259.	0.4	411
39	Information from Paleoclimate Archives. , 2014, , 383-464.		95
40	Late Holocene climate change recorded in proxy records from a Bransfield Basin sediment core, Antarctic Peninsula. <i>Polar Research</i> , 2014, 33, 17236.	1.6	13
41	The James Ross Island and the Fletcher Promontory ice-core drilling projects. <i>Annals of Glaciology</i> , 2014, 55, 179-188.	2.8	20
42	Absence of a Medieval Climate Anomaly, Little Ice Age and twentieth century warming in Skarvsnes, LÄ¼tzow Holm Bay, East Antarctica. <i>Antarctic Science</i> , 2014, 26, 585-598.	0.5	18
43	A new Antarctic Peninsula glacier basin inventory and observed area changes since the 1940s. <i>Antarctic Science</i> , 2014, 26, 614-624.	0.5	81
47	Inferring palaeo-accumulation records from ice-core data by an adjoint-based method: application to James Ross Island's ice core. <i>Climate of the Past</i> , 2015, 11, 547-557.	1.3	4
48	Southern Ocean contributions to the Eastern Equatorial Pacific heat content during the Holocene. <i>Earth and Planetary Science Letters</i> , 2015, 424, 158-167.	1.8	17
49	Marine record of Holocene climate, ocean, and cryosphere interactions: Herbert Sound, James Ross Island, Antarctica. <i>Quaternary Science Reviews</i> , 2015, 129, 239-259.	1.4	34
50	A reversal of fortunes: climate change â€˜winnersâ€™ and â€˜losersâ€™ in Antarctic Peninsula penguins. <i>Scientific Reports</i> , 2014, 4, 5024.	1.6	82
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52	Holocene glacier fluctuations. <i>Quaternary Science Reviews</i> , 2015, 111, 9-34.	1.4	294
53	When did the Anthropocene begin? A mid-twentieth century boundary level is stratigraphically optimal. <i>Quaternary International</i> , 2015, 383, 196-203.	0.7	546
54	Oceanographic variability on the West Antarctic Peninsula during the Holocene and the influence of upper circumpolar deep water. <i>Quaternary Science Reviews</i> , 2015, 119, 54-65.	1.4	51
55	Climate variability and spatiotemporal dynamics of five Southern Ocean krill species. <i>Progress in Oceanography</i> , 2015, 134, 93-122.	1.5	56
56	Stratigraphy of the fluvial deposits of the Salado river basin, Buenos Aires Province: Lithology, chronology and paleoclimate. <i>Journal of South American Earth Sciences</i> , 2015, 60, 129-139.	0.6	12
57	Uplift rates from a new high-density GPS network in Palmer Land indicate significant late Holocene ice loss in the southwestern Weddell Sea. <i>Geophysical Journal International</i> , 2015, 203, 737-754.	1.0	40
58	Late Holocene glacial advance and ice shelf growth in Barilari Bay, Graham Land, west Antarctic Peninsula. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 297-315.	1.6	36

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60	Reconstruction of the Fatty Acid Biosynthetic Pathway of <i>Exiguobacterium antarcticum</i> B7 Based on Genomic and Bibliomic Data. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	5
61	A diatom-inferred record of lake variability during the last 900 years in Lützow-Holm Bay, East Antarctica. <i>Journal of Quaternary Science</i> , 2016, 31, 114-125.	1.1	3
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63	Anomalous mid-twentieth century atmospheric circulation change over the South Atlantic compared to the last 6000 years. <i>Environmental Research Letters</i> , 2016, 11, 064009.	2.2	19
64	Geomorphic and shallow-acoustic investigation of an Antarctic Peninsula fjord system using high-resolution ROV and shipboard geophysical observations: Ice dynamics and behaviour since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2016, 153, 122-138.	1.4	14
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73	A Method for Continuous ²³⁹ Pu Determinations in Arctic and Antarctic Ice Cores. <i>Environmental Science & Technology</i> , 2016, 50, 7066-7073.	4.6	51
74	Last Glacial - Holocene climate variability in the Atlantic sector of the Southern Ocean. <i>Quaternary Science Reviews</i> , 2016, 135, 115-137.	1.4	44
75	Twentieth-century sea ice variability in the Weddell Sea and its effect on moisture transport: Evidence from a coastal East Antarctic ice core record. <i>Holocene</i> , 2016, 26, 338-349.	0.9	11
76	The Holocene deglaciation of the Byers Peninsula (Livingston Island, Antarctica) based on the dating of lake sedimentary records. <i>Geomorphology</i> , 2016, 261, 89-102.	1.1	36

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78	Glacial fluctuations since the "Medieval Warm Period" at Rothera Point (western Antarctic Peninsula). <i>Holocene</i> , 2016, 26, 154-158.	0.9	16
79	Geomorphological processes and frozen ground conditions in Elephant Point (Livingston Island, Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6	1.1	26
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81	Effects of increasing temperature on antioxidant defense system and oxidative stress parameters in the Antarctic fish <i>Notothenia coriiceps</i> and <i>Notothenia rossii</i> . <i>Journal of Thermal Biology</i> , 2017, 68, 110-118.	1.1	66
82	Late Holocene glacier reconstruction reveals retreat behind present limits and two-stage Little Ice Age on subantarctic South Georgia. <i>Journal of Quaternary Science</i> , 2017, 32, 888-901.	1.1	20
83	Past penguin colony responses to explosive volcanism on the Antarctic Peninsula. <i>Nature Communications</i> , 2017, 8, 14914.	5.8	53
84	Oceanographic influences on the stability of the Cosgrove Ice Shelf, Antarctica. <i>Holocene</i> , 2017, 27, 1645-1658.	0.9	20
85	Current distribution of <i>Branchinecta gaini</i> on James Ross Island and Vega Island. <i>Antarctic Science</i> , 2017, 29, 341-342.	0.5	8
86	A new heat flux model for the Antarctic Peninsula incorporating spatially variable upper crustal radiogenic heat production. <i>Geophysical Research Letters</i> , 2017, 44, 5436-5446.	1.5	34
87	Widespread Biological Response to Rapid Warming on the Antarctic Peninsula. <i>Current Biology</i> , 2017, 27, 1616-1622.e2.	1.8	102
88	Holocene black carbon in Antarctica paralleled Southern Hemisphere climate. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6713-6728.	1.2	30
89	Looking for new emperor penguin colonies? Filling the gaps. <i>Global Ecology and Conservation</i> , 2017, 9, 171-179.	1.0	18
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91	Evidence for a Holocene Climatic Optimum in the southwest Pacific: A multiproxy study. <i>Paleoceanography</i> , 2017, 32, 763-779.	3.0	15
92	Cradles and museums of Antarctic teleost biodiversity. <i>Nature Ecology and Evolution</i> , 2017, 1, 1379-1384.	3.4	44
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94	Ice-dammed lateral lake and epishelf lake insights into Holocene dynamics of Marguerite Trough Ice Stream and George VI Ice Shelf, Alexander Island, Antarctic Peninsula. <i>Quaternary Science Reviews</i> , 2017, 177, 189-219.	1.4	12

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96	A paleo-perspective on ocean heat content: Lessons from the Holocene and Common Era. <i>Quaternary Science Reviews</i> , 2017, 155, 1-12.	1.4	20
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111	Potentiometric Determination of Copper in Herbal Material and Hydrolats of Veronica Species (Family) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	0
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118	Cirque Glacier on South Georgia Shows Centennial Variability over the Last 7000 Years. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	15
119	Holocene paleoceanography of Bigo Bay, west Antarctic Peninsula: Connections between surface water productivity and nutrient utilization and its implication for surface-deep water mass exchange. <i>Quaternary Science Reviews</i> , 2018, 192, 59-70.	1.4	19
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121	The Medieval Climate Anomaly in Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 532, 109251.	1.0	29
122	Regional Climate Change Recorded in Moss Oxygen and Carbon Isotopes from a Late Holocene Peat Archive in the Western Antarctic Peninsula. <i>Geosciences (Switzerland)</i> , 2019, 9, 282.	1.0	3
123	The deglaciation of Barton Peninsula (King George Island, South Shetland Islands, Antarctica) based on geomorphological evidence and lacustrine records. <i>Polar Record</i> , 2019, 55, 177-188.	0.4	16
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127	Future recovery of baleen whales is imperiled by climate change. <i>Global Change Biology</i> , 2019, 25, 1263-1281.	4.2	101
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131	Deglacial evolution of regional Antarctic climate and Southern Ocean conditions in transient climate simulations. <i>Climate of the Past</i> , 2019, 15, 189-215.	1.3	14
132	Centennial-Scale Temperature Change in Last Millennium Simulations and Proxy-Based Reconstructions. <i>Journal of Climate</i> , 2019, 32, 2441-2482.	1.2	32
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147	Evaluating the effects of regional climate trends along the West Antarctic Peninsula shelf based on the seabed distribution of naturally occurring radioisotopic tracers. <i>Marine Geology</i> , 2020, 429, 106315.	0.9	1
148	Late Holocene variation in the Hard prey remains and stable isotope values of penguin and seal tissues from the Danger Islands, Antarctica. <i>Polar Biology</i> , 2020, 43, 1571-1582.	0.5	1

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150	Inferring geothermal heat flux from an ice-borehole temperature profile at Law Dome, East Antarctica. <i>Journal of Glaciology</i> , 2020, 66, 509-519.	1.1	12
151	Timing of formation of neoglacial landforms in the South Shetland Islands (Antarctic Peninsula): Regional and global implications. <i>Quaternary Science Reviews</i> , 2020, 234, 106248.	1.4	13
152	Long-term climate evolution based on ice core records. , 2020, , 3-25.		0
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161	Holocene glacier behavior around the northern Antarctic Peninsula and possible causes. <i>Earth and Planetary Science Letters</i> , 2020, 534, 116077.	1.8	35
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