

# Anne de Vernal

## List of Publications by Year in descending order

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233  
papers

11,425  
citations

23567

58  
h-index

40979

93  
g-index

249  
all docs

249  
docs citations

249  
times ranked

6256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraints on the magnitude and patterns of ocean cooling at the Last Glacial Maximum. <i>Nature Geoscience</i> , 2009, 2, 127-132.	12.9	517
2	Atlas of modern dinoflagellate cyst distribution based on 2405 data points. <i>Review of Palaeobotany and Palynology</i> , 2013, 191, 1-197.	1.5	369
3	Dinoflagellate cyst assemblages as tracers of sea-surface conditions in the northern North Atlantic, Arctic and sub-Arctic seas: the new $n=677$ data base and its application for quantitative palaeoceanographic reconstruction. <i>Journal of Quaternary Science</i> , 2001, 16, 681-698.	2.1	303
4	Reconstructed changes in Arctic sea ice over the past 1,450 years. <i>Nature</i> , 2011, 479, 509-512.	27.8	292
5	Reconstruction of sea-surface conditions at middle to high latitudes of the Northern Hemisphere during the Last Glacial Maximum (LGM) based on dinoflagellate cyst assemblages. <i>Quaternary Science Reviews</i> , 2005, 24, 897-924.	3.0	283
6	Absence of deep-water formation in the Labrador Sea during the last interglacial period. <i>Nature</i> , 2001, 410, 1073-1077.	27.8	215
7	Isotope stratigraphy, sedimentation rates, deep circulation, and carbonate events in the Labrador Sea during the last $\sim 200$ ka. <i>Canadian Journal of Earth Sciences</i> , 1994, 31, 63-89.	1.3	195
8	Natural Variability of Greenland Climate, Vegetation, and Ice Volume During the Past Million Years. <i>Science</i> , 2008, 320, 1622-1625.	12.6	194
9	Holocene climate change in Arctic Canada and Greenland. <i>Quaternary Science Reviews</i> , 2016, 147, 340-364.	3.0	173
10	Last Glacial Maximum temperatures over the North Atlantic, Europe and western Siberia: a comparison between PMIP models, MARGO sea-surface temperatures and pollen-based reconstructions. <i>Quaternary Science Reviews</i> , 2006, 25, 2082-2102.	3.0	170
11	Palaeoclimate constraints on the impact of 2 $^{\circ}\text{C}$ anthropogenic warming and beyond. <i>Nature Geoscience</i> , 2018, 11, 474-485.	12.9	166
12	Organic-walled dinoflagellate cysts: Palynological tracers of sea-surface conditions in middle to high latitude marine environments. <i>Geobios</i> , 1997, 30, 905-920.	1.4	157
13	Sea-ice cover, sea-surface salinity and halo-/thermocline structure of the northwest North Atlantic: modern versus full glacial conditions. <i>Quaternary Science Reviews</i> , 2000, 19, 65-85.	3.0	155
14	Determining the absolute abundance of dinoflagellate cysts in recent marine sediments: The Lycopodium marker-grain method put to the test. <i>Review of Palaeobotany and Palynology</i> , 2009, 157, 238-252.	1.5	141
15	Dinoflagellate cyst distribution in high-latitude marine environments and quantitative reconstruction of sea-surface salinity, temperature, and seasonality. <i>Canadian Journal of Earth Sciences</i> , 1994, 31, 48-62.	1.3	136
16	Distribution of dinoflagellate cysts in surface sediments from the northeastern Pacific Ocean ( $43^{\circ}$ - $25^{\circ}\text{N}$ ) in relation to sea-surface temperature, salinity, productivity and coastal upwelling. <i>Marine Micropaleontology</i> , 2008, 68, 21-48.	1.2	136
17	Reconstruction of sea-surface temperature, salinity, and sea-ice cover in the northern North Atlantic during the last glacial maximum based on dinocyst assemblages. <i>Canadian Journal of Earth Sciences</i> , 2000, 37, 725-750.	1.3	130
18	Dinocyst-based reconstructions of sea ice cover concentration during the Holocene in the Arctic Ocean, the northern North Atlantic Ocean and its adjacent seas. <i>Quaternary Science Reviews</i> , 2013, 79, 111-121.	3.0	128

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19	Dinocysts as proxy of primary productivity in mid- to high latitudes of the Northern Hemisphere. <i>Marine Micropaleontology</i> , 2008, 68, 84-114.	1.2	125
20	Dinoflagellate cysts as indicators of water quality and productivity in British Columbia estuarine environments. <i>Marine Micropaleontology</i> , 2007, 62, 269-297.	1.2	124
21	Process length variation in cysts of a dinoflagellate, <i>Lingulodinium machaerophorum</i> , in surface sediments: Investigating its potential as salinity proxy. <i>Marine Micropaleontology</i> , 2009, 70, 54-69.	1.2	123
22	Pollen-based climate reconstruction techniques for late Quaternary studies. <i>Earth-Science Reviews</i> , 2020, 210, 103384.	9.1	123
23	Sea-surface conditions in northernmost Baffin Bay during the Holocene: palynological evidence. <i>Journal of Quaternary Science</i> , 2001, 16, 353-363.	2.1	122
24	Reduced meltwater outflow from the Laurentide ice margin during the Younger Dryas. <i>Nature</i> , 1996, 381, 774-777.	27.8	118
25	Dinocyst distribution in surface sediments from the northeastern Pacific margin (40° to 60°N) in relation to hydrographic conditions, productivity and upwelling. <i>Review of Palaeobotany and Palynology</i> , 2004, 128, 169-193.	1.5	112
26	Holocene sea-surface conditions in the North Atlantic – contrasted trends and regimes in the western and eastern sectors (Labrador Sea vs. Iceland Basin). <i>Quaternary Science Reviews</i> , 2004, 23, 319-334.	3.0	112
27	A global database of Holocene paleotemperature records. <i>Scientific Data</i> , 2020, 7, 115.	5.3	112
28	Comparing proxies for the reconstruction of LGM sea-surface conditions in the northern North Atlantic. <i>Quaternary Science Reviews</i> , 2006, 25, 2820-2834.	3.0	108
29	Arctic Holocene proxy climate database – new approaches to assessing geochronological accuracy and encoding climate variables. <i>Climate of the Past</i> , 2014, 10, 1605-1631.	3.4	105
30	Provincialism in trends and high frequency changes in the northwest North Atlantic during the Holocene. <i>Global and Planetary Change</i> , 2006, 54, 263-290.	3.5	102
31	Variability of sea ice cover in the Chukchi Sea (western Arctic Ocean) during the Holocene. <i>Paleoceanography</i> , 2005, 20, n/a-n/a.	3.0	100
32	Modern organic-walled dinoflagellate cysts in arctic marine environments and their (paleo-) environmental significance. <i>Palaontologische Zeitschrift</i> , 2005, 79, 3-51.	1.6	98
33	Lake Agassiz Final drainage event in the northwest North Atlantic. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	97
34	Will greenhouse warming lead to Northern Hemisphere ice-sheet growth?. <i>Nature</i> , 1992, 355, 244-246.	27.8	93
35	Dinoflagellate cyst distribution in surface sediments of the southern Indian Ocean. <i>Marine Micropaleontology</i> , 1997, 29, 367-392.	1.2	93
36	A 750-kyr detrital-layer stratigraphy for the North Atlantic (IODP Sites U1302 to U1303, Orphan Knoll,). <i>Terra Nova</i> , 2004, 16, 448-452.	4.4	92

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37	Distribution of dinoflagellate cysts in surface sediments of the northern North Atlantic in relation to nutrient content and productivity in surface waters. <i>Marine Geology</i> , 2000, 166, 103-124.	2.1	90
38	Reconstructing past sea ice cover of the Northern Hemisphere from dinocyst assemblages: status of the approach. <i>Quaternary Science Reviews</i> , 2013, 79, 122-134.	3.0	88
39	Recent eutrophication and consequent hypoxia in the bottom waters of the Lower St. Lawrence Estuary: Micropaleontological and geochemical evidence. <i>Marine Geology</i> , 2006, 231, 37-50.	2.1	87
40	Stable isotope clue to episodic sea ice formation in the glacial North Atlantic. <i>Earth and Planetary Science Letters</i> , 2008, 268, 143-150.	4.4	86
41	Palynological Evidence of Climatic and Oceanographic Changes in the North Sea during the Last Deglaciation. <i>Quaternary Research</i> , 1998, 49, 197-207.	1.7	84
42	Chapter Thirteen Transfer Functions: Methods for Quantitative Paleoceanography Based on Microfossils. <i>Developments in Marine Geology</i> , 2007, 1, 523-563.	0.4	84
43	Quantitative assessment of carbonate dissolution in marine sediments from foraminifer linings vs. shell ratios: Davis Strait, northwest North Atlantic. <i>Geology</i> , 1992, 20, 527.	4.4	82
44	Holocene variations of sea-surface conditions in the southeastern Barents Sea, reconstructed from dinoflagellate cyst assemblages. <i>Journal of Quaternary Science</i> , 2001, 16, 717-726.	2.1	82
45	Sea ice in the paleoclimate system: the challenge of reconstructing sea ice from proxies – an introduction. <i>Quaternary Science Reviews</i> , 2013, 79, 1-8.	3.0	82
46	Relationships between dinoflagellate cyst assemblages in surface sediment and hydrographic conditions in the Bering and Chukchi seas. <i>Journal of Quaternary Science</i> , 2001, 16, 667-680.	2.1	81
47	Variability of sea-surface temperature and sea-ice cover in the Fram Strait over the last two millennia. <i>Marine Micropaleontology</i> , 2010, 74, 59-74.	1.2	77
48	Paleoenvironments during Younger Dryas – Early Holocene retreat of the Greenland Ice Sheet from outer Disko Trough, central west Greenland. <i>Journal of Quaternary Science</i> , 2014, 29, 27-40.	2.1	77
49	Large-scale features of Last Interglacial climate: results from evaluating the &lt;math>127k</math> simulations for the Coupled Model Intercomparison Project (CMIP6) – Paleoclimate Modeling Intercomparison Project (PMIP4). <i>Climate of the Past</i> , 2021, 17, 63-94.	3.4	76
50	Palynomorph distribution in Recent sediments from the Labrador Sea. <i>Canadian Journal of Earth Sciences</i> , 1994, 31, 115-127.	1.3	74
51	Size-dependent isotopic composition of planktic foraminifers from Chukchi Sea vs. NW Atlantic sediments – implications for the Holocene paleoceanography of the western Arctic. <i>Quaternary Science Reviews</i> , 2004, 23, 245-260.	3.0	70
52	Dinoflagellate cysts as indicators of climatic and oceanographic changes during the past 40 kyr in the Santa Barbara Basin, southern California. <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	68
53	Organic-walled microfossils and geochemical tracers: sedimentary indicators of productivity changes in the North Water and northern Baffin Bay during the last centuries. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 5277-5295.	1.4	67
54	Holocene sea surface conditions in the western North Atlantic: Spatial and temporal heterogeneities. <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	66

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55	Distribution of common modern dinoflagellate cyst taxa in surface sediments of the Northern Hemisphere in relation to environmental parameters: The new n=1968 database. <i>Marine Micropaleontology</i> , 2020, 159, 101796.	1.2	65
56	Insights on the events surrounding the final drainage of Lake Ojibway based on James Bay stratigraphic sequences. <i>Quaternary Science Reviews</i> , 2011, 30, 682-692.	3.0	64
57	Operational taxonomy and (paleo-)autecology of round, brown, spiny dinoflagellate cysts from the Quaternary of high northern latitudes. <i>Marine Micropaleontology</i> , 2013, 98, 41-57.	1.2	64
58	The archaeology of climate change: The case for cultural diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	63
59	Micropaleontology and palynology of core PAR87A-10: A 23,000 year record of paleoenvironmental changes in the Gulf of Alaska, northeast North Pacific. <i>Paleoceanography</i> , 1997, 12, 821-830.	3.0	62
60	Past abrupt changes, tipping points and cascading impacts in the Earth system. <i>Nature Geoscience</i> , 2021, 14, 550-558.	12.9	62
61	Is spatial autocorrelation introducing biases in the apparent accuracy of paleoclimatic reconstructions?. <i>Quaternary Science Reviews</i> , 2011, 30, 1965-1972.	3.0	60
62	Variability in transport of terrigenous material on the shelves and the deep Arctic Ocean during the Holocene. <i>Polar Research</i> , 2015, 34, 24964.	1.6	59
63	Chapter Nine Organic-Walled Dinoflagellate Cysts: Tracers of Sea-Surface Conditions. <i>Developments in Marine Geology</i> , 2007, 1, 371-408.	0.4	57
64	Early diagenetic processes in recent sediments of the Gulf of St-Lawrence: phosphorus, carbon and iron burial rates. <i>Marine Geology</i> , 1997, 139, 181-200.	2.1	56
65	Late Quaternary sea-surface conditions at DSDP Hole 594 in the southwest Pacific Ocean based on dinoflagellate cyst assemblages. <i>Journal of Quaternary Science</i> , 2001, 16, 739-751.	2.1	55
66	Rate of mass loss from the Greenland Ice Sheet will exceed Holocene values this century. <i>Nature</i> , 2020, 586, 70-74.	27.8	53
67	Late and Postglacial Paleoenvironments of the Gulf of St. Lawrence: Marine and Terrestrial Palynological Evidence. <i>Géographie Physique Et Quaternaire</i> , 1993, 47, 167-180.	0.2	52
68	Marine dinoflagellate cysts and high latitude Quaternary paleoenvironmental reconstructions: an introduction. <i>Journal of Quaternary Science</i> , 2001, 16, 595-602.	2.1	52
69	Paleoceanographic changes and calcium carbonate dissolution in the central Fram Strait during the last 20 ka. <i>Quaternary Research</i> , 2012, 78, 405-416.	1.7	52
70	Holocene fluctuations in Arctic sea-ice cover: dinocyst-based reconstructions for the eastern Chukchi Sea This article is one of a series of papers published in this Special Issue on the theme <i>Polar Climate Stability Network</i>. GEOTOP Publication 2008-0023.. <i>Canadian Journal of Earth Sciences</i> , 2008, 45, 1377-1397.	1.3	51
71	Productivité et flux de carbone dans la mer du Labrador au cours des derniers 40 000 ans. <i>Canadian Journal of Earth Sciences</i> , 1994, 31, 139-158.	1.3	50
72	Dinoflagellate cysts reflecting surface-water conditions in Voldafjorden, western Norway during the last 11 300 years. <i>Boreas</i> , 1999, 28, 403-415.	2.4	50

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73	Dinoflagellate cyst distribution in surface sediments along the south-western Mexican coast (14.76° N) Tj ETQq1 1.0.784314 rgBT / Overl	1.2	50
74	Modern distribution of dinocysts from the North Pacific Ocean (37°–64°N, 144°E–148°W) in relation to hydrographic conditions, sea-ice and productivity. <i>Marine Micropaleontology</i> , 2012, 84-85, 87-113.	1.2	50
75	THE CYST OF THE CALCAREOUS DINOFLAGELLATE SCRIPPSIELLA TRIFIDA: RESOLVING THE FOSSIL RECORD OF ITS ORGANIC WALL WITH THAT OF ALEXANDRIUM TAMARENSE. <i>Journal of Paleontology</i> , 2006, 80, 1-18.	0.8	49
76	Diachronous evolution of sea surface conditions in the Labrador Sea and Baffin Bay since the last deglaciation. <i>Holocene</i> , 2015, 25, 1882-1897.	1.7	48
77	Surface and sub-surface multi-proxy reconstruction of middle to late Holocene palaeoceanographic changes in Disko Bugt, West Greenland. <i>Quaternary Science Reviews</i> , 2016, 132, 146-160.	3.0	48
78	Pliocene paleoclimatic reconstruction using dinoflagellate cysts: Comparison of methods. <i>Quaternary Science Reviews</i> , 1991, 10, 259-274.	3.0	47
79	Organic-walled dinoflagellate cysts and benthic foraminifera in coastal sediments of the last century from the Gulf of Tehuantepec, South Pacific Coast of Mexico. <i>Marine Micropaleontology</i> , 2008, 68, 49-65.	1.2	47
80	Organic-walled dinoflagellate cyst distribution in the Gulf of Mexico. <i>Marine Micropaleontology</i> , 2013, 102, 51-68.	1.2	47
81	Foraminifer isotope study of the Pleistocene Labrador Sea, northwest North Atlantic (IODP Sites) Tj ETQq1 1.0.784314 rgBT / Overl	2.1	45
82	North Atlantic-Fennoscandian Holocene climate trends and mechanisms. <i>Quaternary Science Reviews</i> , 2016, 147, 365-378.	3.0	45
83	An overview and brief description of common marine organic-walled dinoflagellate cyst taxa occurring in surface sediments of the Northern Hemisphere. <i>Marine Micropaleontology</i> , 2020, 159, 101814.	1.2	45
84	Postglacial paleoceanography of Hudson Bay: stratigraphic, microfaunal, and palynological evidence. <i>Canadian Journal of Earth Sciences</i> , 1990, 27, 946-963.	1.3	44
85	Natural variability of Arctic sea ice over the Holocene. <i>Eos</i> , 2006, 87, 273.	0.1	43
86	Process length variation of the cyst of the dinoflagellate <i>Protoceratium reticulatum</i> in the North Pacific and Baltic region: calibration as an annual density proxy and first evidence of pseudo-cryptic speciation. <i>Journal of Quaternary Science</i> , 2012, 27, 734-744.	2.1	43
87	Terrestrial biosphere changes over the last 120 kyr. <i>Climate of the Past</i> , 2016, 12, 51-73.	3.4	43
88	Changes of coastal sedimentation in the Gulf of Tehuantepec, South Pacific Mexico, over the last 100 years from short-lived radionuclide measurements. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 82, 525-536.	2.1	42
89	Holocene paleoceanography of the northwest passage, Canadian Arctic Archipelago. <i>Quaternary Science Reviews</i> , 2010, 29, 3468-3488.	3.0	42
90	Report of 1st discussion group: The last interglacial in high latitudes of the Northern Hemisphere: Terrestrial and marine evidence. <i>Quaternary International</i> , 1991, 10-12, 9-28.	1.5	41

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91	Recent changes in bottom water oxygenation and temperature in the Gulf of St. Lawrence: Micropaleontological and geochemical evidence. <i>Limnology and Oceanography</i> , 2011, 56, 1319-1329.	3.1	41
92	Surface oceanographic changes in the eastern Labrador Sea: Nannofossil record of the last 31,000 years. <i>Marine Geology</i> , 1994, 121, 247-263.	2.1	40
93	Palynostratigraphy and Th/U ages of upper Pleistocene interglacial and interstadial deposits on Cape Breton Island, eastern Canada. <i>Geology</i> , 1986, 14, 554.	4.4	38
94	Comparison of marine and terrestrial Holocene climatic reconstructions from northeastern North America. <i>Holocene</i> , 1999, 9, 267-277.	1.7	38
95	Palynological evidence of Holocene climate change in the eastern Arctic: a possible shift in the Arctic oscillation at the millennial time scale This article is one of a series of papers published in this Special Issue on the theme <i>Polar Climate Stability Network</i>.. <i>Canadian Journal of Earth Sciences</i> , 2008, 45, 1363-1375.	1.3	38
96	Relationship between Holocene climate variations over southern Greenland and eastern Baffin Island and synoptic circulation pattern. <i>Climate of the Past</i> , 2009, 5, 347-359.	3.4	38
97	Western Arctic Ocean temperature variability during the last 8000 years. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	38
98	Vegetation and climate of the last interglacial on Baffin Island, Arctic Canada. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 236, 91-106.	2.3	37
99	Holocene sea ice history and climate variability along the main axis of the Northwest Passage, Canadian Arctic. <i>Paleoceanography</i> , 2010, 25, .	3.0	37
100	Insights into Circum-Arctic sea ice variability from molecular geochemistry. <i>Quaternary Science Reviews</i> , 2013, 79, 63-73.	3.0	37
101	Paleoceanographic changes in the Disko Bugt area, West Greenland, during the Holocene. <i>Holocene</i> , 2014, 24, 1573-1583.	1.7	37
102	Middle Pleistocene to Holocene palynostratigraphy of Ocean Drilling Program Site 887 in the Gulf of Alaska, northeastern North Pacific. <i>Canadian Journal of Earth Sciences</i> , 2001, 38, 373-386.	1.3	34
103	Methodological basis for quantitative reconstruction of air temperature and sunshine from pollen assemblages in Arctic Canada and Greenland. <i>Quaternary Science Reviews</i> , 2008, 27, 1197-1216.	3.0	34
104	Atlantic SSTs control regime shifts in forest fire activity of Northern Scandinavia. <i>Scientific Reports</i> , 2016, 6, 22532.	3.3	34
105	Ocean-atmosphere responses to climatic change in the Labrador Sea: Pleistocene plankton and pollen records. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1992, 92, 121-138.	2.3	33
106	New constraints on European glacial freshwater releases to the North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	33
107	Palynostratigraphy and chronostratigraphy of Baffin Bay deep sea cores: Climatostratigraphic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1987, 61, 97-105.	2.3	32
108	Northward advection of Atlantic water in the eastern Nordic Seas over the last 3000 yr. <i>Climate of the Past</i> , 2013, 9, 1505-1518.	3.4	32



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109	Benthic foraminiferal assemblages in Labrador Sea sediments: relations with deep-water mass changes since deglaciation. <i>Canadian Journal of Earth Sciences</i> , 1994, 31, 128-138.	1.3	31
110	Postglacial changes of terrestrial and marine environments along the Labrador coast: palynological evidence from cores 91-045-005 and 91-045-006, Cartwright Saddle. <i>Canadian Journal of Earth Sciences</i> , 1997, 34, 1358-1365.	1.3	31
111	Application of artificial neural networks (ANN) to high-latitude dinocyst assemblages for the reconstruction of past sea-surface conditions in Arctic and sub-Arctic seas. <i>Journal of Quaternary Science</i> , 2001, 16, 699-709.	2.1	31
112	Structure of the upper water column in the northwest North Atlantic: Modern versus Last Glacial Maximum conditions. <i>Paleoceanography</i> , 2002, 17, 2-1-2-15.	3.0	31
113	A New Heterotrophic Dinoflagellate from the North-eastern Pacific, <i>Protoperidinium fukuyoi</i> : Cyst- <i>Theca</i> Relationship, Phylogeny, Distribution and Ecology. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 545-563.	1.7	31
114	Past Warmth and Its Impacts During the Holocene Thermal Maximum in Greenland. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 279-307.	11.0	31
115	Variation of Labrador Sea Water formation over the Last Glacial cycle in a climate model of intermediate complexity. <i>Quaternary Science Reviews</i> , 2004, 23, 449-465.	3.0	30
116	Oceanographic regimes in the northwest Labrador Sea since Marine Isotope Stage 3 based on dinocyst and stable isotope proxy records. <i>Quaternary Science Reviews</i> , 2014, 92, 269-279.	3.0	29
117	Taxonomic re-examination of the toxic armored dinoflagellate <i>Pyrodinium bahamense</i> Plate 1906: Can morphology or LSU sequencing separate <i>P. bahamense</i> var. <i>compressum</i> from var. <i>bahamense</i> ?. <i>Harmful Algae</i> , 2015, 41, 1-24.	4.8	29
118	A New Chronology of Late Quaternary Sequences From the Central Arctic Ocean Based on $^{231}\text{Pa}$ and $^{230}\text{Th}$ Extinction Ages of Their Excesses in $^{231}\text{Pa}$ and $^{230}\text{Th}$ . <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4573-4585.	2.5	29
119	A multi-model CMIP6-PMIP4 study of Arctic sea ice at 127%ka: sea ice data compilation and model differences. <i>Climate of the Past</i> , 2021, 17, 37-62.	3.4	29
120	New record shows pronounced changes in Arctic Ocean circulation and climate. <i>Eos</i> , 2001, 82, 601-601.	0.1	28
121	Greenland climate change: from the past to the future. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2012, 3, 427-449.	8.1	28
122	Natural variability of the Arctic Ocean sea ice during the present interglacial. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26069-26075.	7.1	28
123	Upper Cenozoic history of the Labrador Sea, Baffin Bay, and the Arctic Ocean: A paleoclimatic and paleoceanographic summary. <i>Paleoceanography</i> , 1988, 3, 519-538.	3.0	27
124	From bi-polar to regional distribution of modern dinoflagellate cysts, an overview of their biogeography. <i>Marine Micropaleontology</i> , 2020, 159, 101753.	1.2	27
125	Twentieth century warming in deep waters of the Gulf of St. Lawrence: A unique feature of the last millennium. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	26
126	Norwegian sea-surface palaeoenvironments of marine oxygen-isotope stage 3: the paradoxical response of dinoflagellate cysts. <i>Journal of Quaternary Science</i> , 2002, 17, 349-359.	2.1	25



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127	Distribution of dinoflagellate cysts and other aquatic palynomorphs in surface sediments from the Beagle Channel, Southern Argentina. <i>Marine Micropaleontology</i> , 2012, 96-97, 1-12.	1.2	25
128	Statistically assessing the correlation between salinity and morphology in cysts produced by the dinoflagellate <i>Protoceratium reticulatum</i> from surface sediments of the North Atlantic Ocean, Mediterraneanâ€“Marmaraâ€“Black Sea region, and Balticâ€“Kattegatâ€“Skagerrak estuarine system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 202-213.	2.3	25
129	Sensitivity of the European LGM climate to North Atlantic sea-surface temperature. <i>Geophysical Research Letters</i> , 1999, 26, 1893-1896.	4.0	24
130	Researchers look for links among paleoclimate events. <i>Eos</i> , 1997, 78, 247.	0.1	23
131	Implication of methodological uncertainties for mid-Holocene sea surface temperature reconstructions. <i>Climate of the Past</i> , 2014, 10, 2237-2252.	3.4	23
132	Paleoenvironments along the Eastern Laurentide Ice Sheet Margin and Timing of the Last Ice Maximum and Retreat. <i>Géographie Physique Et Quaternaire</i> , 1987, 41, 265-277.	0.2	22
133	Évolutions d'une climatostratigraphie du Pléistocène moyen et tardif dans l'est du Canada par l'analyse palynologique et isotopique du forage 84-030-003, mer du Labrador. <i>Canadian Journal of Earth Sciences</i> , 1987, 24, 1886-1902.	1.3	21
134	Sea surface conditions in the southern Nordic Seas during the Holocene based on dinoflagellate cyst assemblages. <i>Holocene</i> , 2016, 26, 722-735.	1.7	21
135	The dinoflagellate cyst genera <i>Achomosphaera</i> Evitt 1963 and <i>Spiniferites</i> Mantell 1850 in Pliocene to modern sediments: a summary of round table discussions. <i>Palynology</i> , 2018, 42, 10-44.	1.5	21
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