

Kent Moore

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

15,199
citations

46918

47
h-index

23472

111
g-index

178
all docs

178
docs citations

178
times ranked

20530
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous collapses of Nares Strait ice arches leads to enhanced export of Arctic sea ice. <i>Nature Communications</i> , 2021, 12, 1.	5.8	8,040
2	Massive Phytoplankton Blooms Under Arctic Sea Ice. <i>Science</i> , 2012, 336, 1408-1408.	6.0	606
3	Towards a more reliable historical reanalysis: Improvements for version 3 of the Twentieth Century Reanalysis system. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2876-2908.	1.0	441
4	Deep convection in the Irminger Sea forced by the Greenland tip jet. <i>Nature</i> , 2003, 424, 152-156.	13.7	226
5	A Comparison of Surface Layer and Surface Turbulent Flux Observations over the Labrador Sea with ECMWF Analyses and NCEP Reanalyses. <i>Journal of Physical Oceanography</i> , 2002, 32, 383-400.	0.7	192
6	Phytoplankton blooms beneath the sea ice in the Chukchi sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 105, 1-16.	0.6	187
7	Is Labrador Sea Water formed in the Irminger basin?. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 23-52.	0.6	177
8	Tip Jets and Barrier Winds: A QuikSCAT Climatology of High Wind Speed Events around Greenland. <i>Journal of Climate</i> , 2005, 18, 3713-3725.	1.2	169
9	Divergent patterns of recent sea ice cover across the Bering, Chukchi, and Beaufort seas of the Pacific Arctic Region. <i>Progress in Oceanography</i> , 2015, 136, 32-49.	1.5	169
10	The Mackenzie GEWEX Study: The Water and Energy Cycles of a Major North American River Basin. <i>Bulletin of the American Meteorological Society</i> , 1998, 79, 2665-2683.	1.7	144
11	Multidecadal Mobility of the North Atlantic Oscillation. <i>Journal of Climate</i> , 2013, 26, 2453-2466.	1.2	120
12	Climate change in the North Pacific region over the past three centuries. <i>Nature</i> , 2002, 420, 401-403.	13.7	118
13	Mortality on Mount Everest, 1921-2006: descriptive study. <i>BMJ: British Medical Journal</i> , 2008, 337, a2654-a2654.	2.4	109
14	Evolution and dynamics of the flow through Herald Canyon in the western Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010, 57, 5-26.	0.6	107
15	Long-term trends of upwelling and impacts on primary productivity in the Alaskan Beaufort Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 79, 106-121.	0.6	104
16	Seasonal to interannual variability of the Pacific water boundary current in the Beaufort Sea. <i>Progress in Oceanography</i> , 2014, 127, 1-20.	1.5	102
17	An Extreme Cold-Air Outbreak over the Labrador Sea: Roll Vortices and Air-Sea Interaction. <i>Monthly Weather Review</i> , 1999, 127, 2379-2394.	0.5	99
18	Revised circulation scheme north of the Denmark Strait. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 79, 20-39.	0.6	98

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19	Cold European winters: interplay between the NAO and the East Atlantic mode. <i>Atmospheric Science Letters</i> , 2012, 13, 1-8.	0.8	94
20	Upwelling on the continental slope of the Alaskan Beaufort Sea: Storms, ice, and oceanographic response. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	93
21	Manifestation and consequences of warming and altered heat fluxes over the Bering and Chukchi Sea continental shelves. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 177, 104781.	0.6	90
22	Storm-induced upwelling of high CO_2 waters onto the continental shelf of the western Arctic Ocean and implications for carbonate mineral saturation states. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	88
23	Winter Mixed Layer Development in the Central Irminger Sea: The Effect of Strong, Intermittent Wind Events. <i>Journal of Physical Oceanography</i> , 2008, 38, 541-565.	0.7	85
24	Circulation of winter water on the Chukchi shelf in early Summer. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016, 130, 56-75.	0.6	85
25	Upwelling in the Alaskan Beaufort Sea: Atmospheric forcing and local versus non-local response. <i>Progress in Oceanography</i> , 2011, 88, 78-100.	1.5	82
26	On the relationship between Tibetan snow cover, the Tibetan plateau monsoon and the Indian summer monsoon. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	77
27	THE GREENLAND FLOW DISTORTION EXPERIMENT. <i>Bulletin of the American Meteorological Society</i> , 2008, 89, 1307-1324.	1.7	75
28	A comparison of aircraft-based surface layer observations over Denmark Strait and the Irminger Sea with meteorological analyses and QuikSCAT winds. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 2046-2066.	1.0	72
29	Flow of pacific water in the western Chukchi Sea: Results from the 2009 RUSALCA expedition. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 53-73.	0.6	72
30	An Assessment of the Surface Turbulent Heat Fluxes from the NCEP-NCAR Reanalysis over the Western Boundary Currents. <i>Journal of Climate</i> , 2002, 15, 2020-2037.	1.2	70
31	Irminger Sea deep convection injects oxygen and anthropogenic carbon to the ocean interior. <i>Nature Communications</i> , 2016, 7, 13244.	5.8	69
32	The December 2015 North Pole Warming Event and the Increasing Occurrence of Such Events. <i>Scientific Reports</i> , 2016, 6, 39084.	1.6	64
33	Decreasing intensity of open-ocean convection in the Greenland and Iceland seas. <i>Nature Climate Change</i> , 2015, 5, 877-882.	8.1	63
34	Gale force winds over the Irminger Sea to the east of Cape Farewell, Greenland. <i>Geophysical Research Letters</i> , 2003, 30, n/a-n/a.	1.5	61
35	Seasonal Evolution of Aleutian Low Pressure Systems: Implications for the North Pacific Subpolar Circulation*. <i>Journal of Physical Oceanography</i> , 2009, 39, 1317-1339.	0.7	59
36	Water Mass Transformation in the Greenland Sea during the Period 1986-2016. <i>Journal of Physical Oceanography</i> , 2019, 49, 121-140.	0.7	57

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37	Strong Downslope Wind Events in Ammassalik, Southeast Greenland. <i>Journal of Climate</i> , 2014, 27, 977-993.	1.2	56
38	A Numerical Study of an Extreme Cold-Air Outbreak over the Labrador Sea: Sea Ice, Air-Sea Interaction, and Development of Polar Lows. <i>Monthly Weather Review</i> , 2001, 129, 47-72.	0.5	55
39	Collapse of the 2017 Winter Beaufort High: A Response to Thinning Sea Ice?. <i>Geophysical Research Letters</i> , 2018, 45, 2860-2869.	1.5	55
40	A high-resolution simulation of convective roll clouds during a cold-air outbreak. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	54
41	Decadal variability and a recent amplification of the summer Beaufort Sea High. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	54
42	Circulation of the Chukchi Sea shelfbreak and slope from moored timeseries. <i>Progress in Oceanography</i> , 2019, 172, 14-33.	1.5	53
43	Coralline alga reveals first marine record of subarctic North Pacific climate change. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	52
44	Extra-tropical response to ENSO as expressed in an ice core from the Saint Elias Mountain Range. <i>Geophysical Research Letters</i> , 2001, 28, 3457-3460.	1.5	51
45	Role of shelfbreak upwelling in the formation of a massive under-ice bloom in the Chukchi Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 105, 17-29.	0.6	49
46	An overview of barrier winds off southeastern Greenland during the Greenland Flow Distortion experiment. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 1950-1967.	1.0	48
47	Amplification of the Atlantic Multidecadal Oscillation associated with the onset of the industrial-era warming. <i>Scientific Reports</i> , 2017, 7, 40861.	1.6	48
48	Ocean convection linked to the recent ice edge retreat along east Greenland. <i>Nature Communications</i> , 2018, 9, 1287.	5.8	48
49	Water mass transformation in the Iceland Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 101, 98-109.	0.6	47
50	Spatial and Temporal Structure of Atmospheric Water Vapor Transport in the Mackenzie River Basin. <i>Journal of Climate</i> , 1999, 12, 681-696.	1.2	45
51	The Effect of the Sea-ice Zone on the Development of Boundary-layer Roll Clouds During Cold Air Outbreaks. <i>Boundary-Layer Meteorology</i> , 2006, 118, 557-581.	1.2	45
52	Spatiotemporal Variability of Sea Ice in the Arctic's Last Ice Area. <i>Geophysical Research Letters</i> , 2019, 46, 11237-11243.	1.5	45
53	Buoy observations from the windiest location in the world ocean, Cape Farewell, Greenland. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	44
54	A Reconstruction of the Air-Sea Interaction Associated with the Weddell Polynya. <i>Journal of Physical Oceanography</i> , 2002, 32, 1685-1698.	0.7	43

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55	An evaluation of surface meteorology and fluxes over the Iceland and Greenland Seas in <scp>ERA5</scp> reanalysis: The impact of sea ice distribution. Quarterly Journal of the Royal Meteorological Society, 2021, 147, 691-712.	1.0	43
56	Revisiting the Relationship between Observed Warming and Surface Pressure in the Tibetan Plateau. Journal of Climate, 2017, 30, 1721-1737.	1.2	38
57	Surface pressure record of Tibetan Plateau warming since the 1870s. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1999-2008.	1.0	37
58	Short-Term and Seasonal Variability of the Atmospheric Water Vapor Transport through the Mackenzie River Basin. Journal of Hydrometeorology, 2001, 2, 441-452.	0.7	36
59	An easterly tip jet off Cape Farewell, Greenland. I: Aircraft observations. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 1919-1933.	1.0	36
60	Extreme Variability in Irminger Sea Winter Heat Loss Revealed by Ocean Observatories Initiative Mooring and the ERA5 Reanalysis. Geophysical Research Letters, 2019, 46, 293-302.	1.5	36
61	Mesoscale Forecasting during a Field Program: Meteorological Support of the Labrador Sea Deep Convection Experiment. Bulletin of the American Meteorological Society, 1999, 80, 605-620.	1.7	35
62	The impact of resolution on the representation of southeast Greenland barrier winds and katabatic flows. Geophysical Research Letters, 2015, 42, 3011-3018.	1.5	35
63	Characteristics and dynamics of wind-driven upwelling in the Alaskan Beaufort Sea based on six years of mooring data. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 162, 79-92.	0.6	35
64	Lake-Effect Snowstorms over Southern Ontario, Canada, and Their Associated Synoptic-Scale Environment. Monthly Weather Review, 2004, 132, 2595-2609.	0.5	34
65	Complexities in the climate of the subpolar North Atlantic: a case study from the winter of 2007. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 757-767.	1.0	34
66	High Himalayan meteorology: Weather at the South Col of Mount Everest. Geophysical Research Letters, 2004, 31, .	1.5	33
67	Reduction in Himalayan snow accumulation and weakening of the trade winds over the Pacific since the 1840s. Geophysical Research Letters, 2006, 33, .	1.5	32
68	On the impact of high-resolution, high-frequency meteorological forcing on Denmark Strait ocean circulation. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 2067-2085.	1.0	32
69	Arctic System Reanalysis improvements in topographically forced winds near Greenland. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 2033-2045.	1.0	32
70	Seasonal variation of the Beaufort shelfbreak jet and its relationship to Arctic cetacean occurrence. Journal of Geophysical Research: Oceans, 2016, 121, 8434-8454.	1.0	31
71	Buoyancy Flux at Ocean Weather Station Bravo. Journal of Physical Oceanography, 2002, 32, 458-474.	0.7	30
72	Multicentennial record of Labrador Sea primary productivity and sea-ice variability archived in coralline algal barium. Nature Communications, 2017, 8, 15543.	5.8	30

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73	Spatial distribution of air-sea heat fluxes over the sub-polar North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	29
74	A polar low over The Labrador Sea: Interactions with topography and an upper-level potential vorticity anomaly, and an observation by RADARSAT-1 SAR. <i>Geophysical Research Letters</i> , 2002, 29, 20-1-20-4.	1.5	28
75	The Novaya Zemlya Bora and its impact on Barents Sea air-sea interaction. <i>Geophysical Research Letters</i> , 2013, 40, 3462-3467.	1.5	28
76	On the nature and origin of water masses in Herald Canyon, Chukchi Sea: Synoptic surveys in summer 2004, 2008, and 2009. <i>Progress in Oceanography</i> , 2017, 159, 99-114.	1.5	28
77	The Early Collapse of the 2017 Lincoln Sea Ice Arch in Response to Anomalous Sea Ice and Wind Forcing. <i>Geophysical Research Letters</i> , 2018, 45, 8343-8351.	1.5	28
78	Weather And Death On Mount Everest: An Analysis Of The Into Thin Air Storm. <i>Bulletin of the American Meteorological Society</i> , 2006, 87, 465-480.	1.7	26
79	High levels of ambient ozone (O ₃) may impact COVID-19 in high altitude mountain environments. <i>Respiratory Physiology and Neurobiology</i> , 2020, 280, 103487.	0.7	26
80	Characteristics and Transformation of Pacific Winter Water on the Chukchi Sea Shelf in Late Spring. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7153-7177.	1.0	25
81	Freezing and Frostbite on Mount Everest: New Insights into Wind Chill and Freezing Times at Extreme Altitude. <i>High Altitude Medicine and Biology</i> , 2011, 12, 271-275.	0.5	24
82	What Caused the Remarkable February 2018 North Greenland Polynya?. <i>Geophysical Research Letters</i> , 2018, 45, 13,342.	1.5	24
83	Precipitation Features Observed by Doppler Radar at Tuktoyaktuk, Northwest Territories, Canada, during the Beaufort and Arctic Storms Experiment. <i>Monthly Weather Review</i> , 1998, 126, 2384-2405.	0.5	23
84	A simulation of a lake effect snowstorm with a cloud resolving numerical model. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	22
85	Air-sea interaction associated with a Greenland reverse tip jet. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	22
86	The North Icelandic Jet and its relationship to the North Icelandic Irminger Current. <i>Journal of Marine Research</i> , 2017, 75, 605-639.	0.3	22
87	A new look at Greenland flow distortion and its impact on barrier flow, tip jets and coastal oceanography. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	21
88	The Iceland Greenland Seas Project. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1795-1817.	1.7	21
89	Storm Studies in the Arctic (STAR). <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 47-68.	1.7	21
90	Trends in the boreal summer regional Hadley and Walker circulations as expressed in precipitation records from Asia and Africa during the latter half of the 20th century. <i>International Journal of Climatology</i> , 2008, 28, 563-578.	1.5	20

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91	Accelerated sea ice loss in the Wandel Sea points to a change in the Arctic's Last Ice Area. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	20
92	Mean Conditions and Seasonality of the West Greenland Boundary Current System near Cape Farewell. <i>Journal of Physical Oceanography</i> , 2020, 50, 2849-2871.	0.7	20
93	Sea-ice retreat suggests re-organization of water mass transformation in the Nordic and Barents Seas. <i>Nature Communications</i> , 2022, 13, 67.	5.8	19
94	Variability in the climate of the Pacific Ocean and North America as expressed in the Mount Logan ice core. <i>Annals of Glaciology</i> , 2002, 35, 423-429.	2.8	18
95	Title is missing!. <i>Climatic Change</i> , 2003, 59, 101-121.	1.7	18
96	Mount Everest snow plume: A case study. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	18
97	Climatology and predictability of the late summer stratospheric zonal wind turnaround over Vanscoy, Saskatchewan. <i>Atmosphere - Ocean</i> , 2005, 43, 301-313.	0.6	18
98	A Tibetan Taylor Cap and a halo of stratospheric ozone over the Himalaya. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	18
99	Reduction in seasonal sea ice concentration surrounding southern Baffin Island 1979-2004. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	18
100	A GCM-based analysis of circulation controls on $\delta^{18}O$ in the southwest Yukon, Canada: Implications for climate reconstructions in the region. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	18
101	Shelfbreak Downwelling in the Alaskan Beaufort Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7201-7225.	1.0	18
102	Impact of model resolution on the representation of the air-sea interaction associated with the North Water Polynya. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 1474-1489.	1.0	17
103	What causes the location of the air-sea turbulent heat flux maximum over the Labrador Sea?. <i>Geophysical Research Letters</i> , 2014, 41, 3628-3635.	1.5	16
104	The Role of Wave Dynamics and Small-Scale Topography for Downslope Wind Events in Southeast Greenland. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 2786-2805.	0.6	16
105	North Pacific twentieth century decadal-scale variability is unique for the past 342 years. <i>Geophysical Research Letters</i> , 2017, 44, 3761-3769.	1.5	16
106	Polar lows in the Labrador Sea. A case study. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1996, 48, 17-40.	0.8	15
107	Northern Bering Sea tip jets. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	14
108	Atmospheric forcing during active convection in the Labrador Sea and its impact on mixed-layer depth. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6978-6992.	1.0	14

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109	The Impact of Global Warming on Mount Everest. <i>High Altitude Medicine and Biology</i> , 2009, 10, 383-385.	0.5	13
110	Temporal Variability in the Expression of the Arctic Oscillation in the North Pacific. <i>Journal of Climate</i> , 2009, 22, 3110-3126.	1.2	13
111	High concentration of surface ozone observed along the Khumbu Valley Nepal April 2007. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	12
112	Mesoscale Structure of Cape Farewell Tip Jets. <i>Journal of Climate</i> , 2014, 27, 8956-8965.	1.2	12
113	Mallory and Irvine on Mount Everest: Did extreme weather play a role in their disappearance?. <i>Weather</i> , 2010, 65, 215-218.	0.6	11
114	First observations of surface ozone concentration from the summit region of Mount Everest. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	10
115	A Tale of Two Climbers: Hypothermia, Death, and Survival on Mount Everest. <i>High Altitude Medicine and Biology</i> , 2012, 13, 51-56.	0.5	10
116	Greenland plateau jets. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 17468.	0.8	10
117	High Concentrations of Ozone Air Pollution on Mount Everest: Health Implications for Sherpa Communities and Mountaineers. <i>High Altitude Medicine and Biology</i> , 2016, 17, 365-369.	0.5	10
118	Convection in the Western North Atlantic Sub-Polar Gyre: Do Small-Scale Wind Events Matter?. , 2008, , 629-652.		10
119	Frontogenesis in the Presence of Surface Heating. <i>Journals of the Atmospheric Sciences</i> , 1991, 48, 63-75.	0.6	9
120	A climatology of sea ice embayments in the Cosmonaut Sea, Antarctica. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	9
121	Impact of the high topography of Madagascar on the structure of the Findlater Jet. <i>Geophysical Research Letters</i> , 2013, 40, 2367-2372.	1.5	9
122	A climatology of vessel icing for the subpolar North Atlantic Ocean. <i>International Journal of Climatology</i> , 2013, 33, 2495-2507.	1.5	9
123	Rapid Cooling and Increased Storminess Triggered by Freshwater in the North Atlantic. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087207.	1.5	9
124	Mean and Seasonal Circulation of the Eastern Chukchi Sea From Moored Timeseries in 2013â€“2014. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016863.	1.0	9
125	Kinematic Structure and Dynamics of the Denmark Strait Overflow from Ship-Based Observations. <i>Journal of Physical Oceanography</i> , 2020, 50, 3235-3251.	0.7	9
126	The Wrangel Island Polynya in early summer: Trends and relationships to other polynyas and the Beaufort Sea High. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	8

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127	Trend and interannual variability in southeast Greenland Sea Ice: Impacts on coastal Greenland climate variability. <i>Geophysical Research Letters</i> , 2014, 41, 8619-8626.	1.5	8
128	Impact of Multidecadal Climate Variability on United Kingdom Rickets Rates. <i>Scientific Reports</i> , 2017, 7, 15764.	1.6	8
129	First Observations of a Transient Polynya in the Last Ice Area North of Ellesmere Island. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095099.	1.5	8
130	Fine structure of a Greenland reverse tip jet: a numerical simulation. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2008, 61, 512-526.	0.8	7
131	Environmental conditions at the South Col of Mount Everest and their impact on hypoxia and hypothermia experienced by mountaineers. <i>Extreme Physiology and Medicine</i> , 2012, 1, 2.	2.5	7
132	The March 1972 northwest Greenland windstorm: evidence of downslope winds associated with a trapped lee wave. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 1428-1438.	1.0	7
133	Influence of the Scandinavian climate pattern on the UK asthma mortality: a time series and geospatial study. <i>BMJ Open</i> , 2018, 8, e020822.	0.8	7
134	Surface pressure and elevation correction from observation and multiple reanalyses over the Tibetan Plateau. <i>Climate Dynamics</i> , 2019, 53, 5893-5908.	1.7	7
135	Extreme High Greenland Blocking Index Leads to the Reversal of Davis and Nares Strait Net Transport Toward the Arctic Ocean. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094178.	1.5	7
136	Frontal cyclogenesis and the geostrophic momentum approximation. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1989, 45, 183-197.	0.4	6
137	On the relationship between Dasuopu Snow Accumulation and the Asian Summer Monsoon. <i>Geophysical Research Letters</i> , 2002, 29, 75-1-75-4.	1.5	6
138	Transition of a synoptic system to a polar low via interaction with the orography of Greenland. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2006, 58, 236-253.	0.8	6
139	Automatic Weather Station Observations of the April 2014 Mount Everest Avalanche. <i>Arctic, Antarctic, and Alpine Research</i> , 2017, 49, 321-330.	0.4	6
140	Mount Logan Ice Core Evidence for Changes in the Hadley and Walker Circulations Following the end of the Little Ice Age. <i>Advances in Global Change Research</i> , 2004, , 371-395.	1.6	6
141	Secondary Cyclogenesis—Comparison of Observations and Theory. <i>Monthly Weather Review</i> , 1990, 118, 427-446.	0.5	5
142	Binary interactions between polar lows. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1997, 49, 577-594.	0.8	5
143	A diagnostic study of moist potential vorticity generation in an extratropical cyclone. <i>Advances in Atmospheric Sciences</i> , 1998, 15, 152-166.	1.9	5
144	A nonlinear expression of the North Atlantic Oscillation in the North Pacific. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	5

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145	The 25–27 May 2005 Mount Logan Storm. Part I: Observations and Synoptic Overview. <i>Journal of Hydrometeorology</i> , 2007, 8, 590-606.	0.7	5
146	Ozone Exposure and Mortality. <i>New England Journal of Medicine</i> , 2009, 360, 2786-2789.	13.9	5
147	Impact of Resolution on the Representation of Precipitation Variability Associated With the ITCZ. <i>Geophysical Research Letters</i> , 2017, 44, 12,519.	1.5	5
148	Impact of model resolution on the representation of the wind speed field: An example from the United Kingdom. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 367-379.	1.0	5
149	Influence of Atlantic and Pacific Sea Surface Temperatures on Heat-Related Mortality in the United States. <i>GeoHealth</i> , 2020, 4, e2019GH000220.	1.9	5
150	A seasonally lagged signal of the North Atlantic Oscillation (NAO) in the North Pacific. <i>International Journal of Climatology</i> , 2006, 26, 957-970.	1.5	4
151	Global Warming, El Niño, and High-Impact Storms at Extreme Altitude: Historical Trends and Consequences for Mountaineers. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 2197-2209.	0.6	4
152	Tibetan ice core evidence for an intensification of the East Asian jet stream since the 1870s. <i>Atmospheric Science Letters</i> , 2013, 14, 235-242.	0.8	4
153	Impact of Source Region on the $\delta^{18}O$ Signal in Snow: A Case Study from Mount Wrangell, Alaska. <i>Journal of Hydrometeorology</i> , 2016, 17, 139-151.	0.7	4
154	Iceland's Great Frost Winter of 1917/1918 and its representation in reanalyses of the twentieth century. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 508-520.	1.0	4
155	Impact of model resolution on the representation of the wind field along Nares Strait. <i>Scientific Reports</i> , 2021, 11, 13271.	1.6	4
156	Water mass transformation in the Iceland Sea: Contrasting two winters separated by four decades. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 186, 103824.	0.6	4
157	An Airborne APT Weather Satellite Imaging System. <i>Journal of Atmospheric and Oceanic Technology</i> , 1998, 15, 80-88.	0.5	3
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