Kent Moore

List of Publications by Year
in descending order

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Version: 2024-02-01

165	15,199	47006	23533
papers	citations	47 h-index	111 g-index

178	178	178	20530
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anomalous collapses of Nares Strait ice arches leads to enhanced export of Arctic sea ice. Nature Communications, 2021, 12, 1.	12.8	8,040
2	Massive Phytoplankton Blooms Under Arctic Sea Ice. Science, 2012, 336, 1408-1408.	12.6	606
3	Towards a more reliable historical reanalysis: Improvements for version 3 of the Twentieth Century Reanalysis system. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 2876-2908.	2.7	441
4	Deep convection in the Irminger Sea forced by the Greenland tip jet. Nature, 2003, 424, 152-156.	27.8	226
5	A Comparison of Surface Layer and Surface Turbulent Flux Observations over the Labrador Sea with ECMWF Analyses and NCEP Reanalyses. Journal of Physical Oceanography, 2002, 32, 383-400.	1.7	192
6	Phytoplankton blooms beneath the sea ice in the Chukchi sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 105, 1-16.	1.4	187
7	Is Labrador Sea Water formed in the Irminger basin?. Deep-Sea Research Part I: Oceanographic Research Papers, 2003, 50, 23-52.	1.4	177
8	Tip Jets and Barrier Winds: A QuikSCAT Climatology of High Wind Speed Events around Greenland. Journal of Climate, 2005, 18, 3713-3725.	3.2	169
9	Divergent patterns of recent sea ice cover across the Bering, Chukchi, and Beaufort seas of the Pacific Arctic Region. Progress in Oceanography, 2015, 136, 32-49.	3.2	169
10	The Mackenzie GEWEX Study: The Water and Energy Cycles of a Major North American River Basin. Bulletin of the American Meteorological Society, 1998, 79, 2665-2683.	3.3	144
11	Multidecadal Mobility of the North Atlantic Oscillation. Journal of Climate, 2013, 26, 2453-2466.	3.2	120
12	Climate change in the North Pacific region over the past three centuries. Nature, 2002, 420, 401-403.	27.8	118
13	Mortality on Mount Everest, 1921-2006: descriptive study. BMJ: British Medical Journal, 2008, 337, a2654-a2654.	2.3	109
14	Evolution and dynamics of the flow through Herald Canyon in the western Chukchi Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2010, 57, 5-26.	1.4	107
15	Long-term trends of upwelling and impacts on primary productivity in the Alaskan Beaufort Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 79, 106-121.	1.4	104
16	Seasonal to interannual variability of the Pacific water boundary current in the Beaufort Sea. Progress in Oceanography, 2014, 127, 1-20.	3.2	102
17	An Extreme Cold-Air Outbreak over the Labrador Sea: Roll Vortices and Airâ€“Sea Interaction. Monthly Weather Review, 1999, 127, 2379-2394.	1.4	99
18	Revised circulation scheme north of the Denmark Strait. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 79, 20-39.	1.4	98

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19	Cold European winters: interplay between the NAO and the East Atlantic mode. Atmospheric Science Letters, 2012, 13, 1-8.	1.9	94
20	Upwelling on the continental slope of the Alaskan Beaufort Sea: Storms, ice, and oceanographic response. Journal of Geophysical Research, 2009, 114, .	3.3	93
21	Manifestation and consequences of warming and altered heat fluxes over the Bering and Chukchi Sea continental shelves. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 177, 104781.	1.4	90
22	Stormâ€induced upwelling of high pCO₂ waters onto the continental shelf of the western Arctic Ocean and implications for carbonate mineral saturation states. Geophysical Research Letters, 2012, 39, .	4.0	88
23	Winter Mixed Layer Development in the Central Irminger Sea: The Effect of Strong, Intermittent Wind Events. Journal of Physical Oceanography, 2008, 38, 541-565.	1.7	85
24	Circulation of winter water on the Chukchi shelf in early Summer. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 130, 56-75.	1.4	85
25	Upwelling in the Alaskan Beaufort Sea: Atmospheric forcing and local versus non-local response. Progress in Oceanography, 2011, 88, 78-100.	3.2	82
26	On the relationship between Tibetan snow cover, the Tibetan plateau monsoon and the Indian summer monsoon. Geophysical Research Letters, 2004, 31, .	4.0	77
27	THE GREENLAND FLOW DISTORTION EXPERIMENT. Bulletin of the American Meteorological Society, 2008, 89, 1307-1324.	3.3	75
28	A comparison of aircraftâ€based surfaceâ€layer observations over Denmark Strait and the Irminger Sea with meteorological analyses and QuikSCAT winds. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 2046-2066.	2.7	72
29	Flow of pacific water in the western Chukchi Sea: Results from the 2009 RUSALCA expedition. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 105, 53-73.	1.4	72
30	An Assessment of the Surface Turbulent Heat Fluxes from the NCEPâ€“NCAR Reanalysis over the Western Boundary Currents. Journal of Climate, 2002, 15, 2020-2037.	3.2	70
31	Irminger Sea deep convection injects oxygen and anthropogenic carbon to the ocean interior. Nature Communications, 2016, 7, 13244.	12.8	69
32	The December 2015 North Pole Warming Event and the Increasing Occurrence of Such Events. Scientific Reports, 2016, 6, 39084.	3.3	64
33	Decreasing intensity of open-ocean convection in the Greenland and Iceland seas. Nature Climate Change, 2015, 5, 877-882.	18.8	63
34	Gale force winds over the Irminger Sea to the east of Cape Farewell, Greenland. Geophysical Research Letters, 2003, 30, n/a-n/a.	4.0	61
35	Seasonal Evolution of Aleutian Low Pressure Systems: Implications for the North Pacific Subpolar Circulation*. Journal of Physical Oceanography, 2009, 39, 1317-1339.	1.7	59
36	Water Mass Transformation in the Greenland Sea during the Period 1986â€“2016. Journal of Physical Oceanography, 2019, 49, 121-140.	1.7	57

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37	Strong Downslope Wind Events in Ammassalik, Southeast Greenland. Journal of Climate, 2014, 27, 977-993.	3.2	56
38	A Numerical Study of an Extreme Cold-Air Outbreak over the Labrador Sea: Sea Ice, Airâ€“Sea Interaction, and Development of Polar Lows. Monthly Weather Review, 2001, 129, 47-72.	1.4	55
39	Collapse of the 2017 Winter Beaufort High: A Response to Thinning Sea Ice?. Geophysical Research Letters, 2018, 45, 2860-2869.	4.0	55
40	A high-resolution simulation of convective roll clouds during a cold-air outbreak. Geophysical Research Letters, 2004, 31, .	4.0	54
41	Decadal variability and a recent amplification of the summer Beaufort Sea High. Geophysical Research Letters, 2012, 39, .	4.0	54
42	Circulation of the Chukchi Sea shelfbreak and slope from moored timeseries. Progress in Oceanography, 2019, 172, 14-33.	3.2	53
43	Coralline alga reveals first marine record of subarctic North Pacific climate change. Geophysical Research Letters, 2007, 34, .	4.0	52
44	Extra-tropical response to ENSO as expressed in an ice core from the Saint Elias Mountain Range. Geophysical Research Letters, 2001, 28, 3457-3460.	4.0	51
45	Role of shelfbreak upwelling in the formation of a massive under-ice bloom in the Chukchi Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 105, 17-29.	1.4	49
46	An overview of barrier winds off southeastern Greenland during the Greenland Flow Distortion experiment. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 1950-1967.	2.7	48
47	Amplification of the Atlantic Multidecadal Oscillation associated with the onset of the industrial-era warming. Scientific Reports, 2017, 7, 40861.	3.3	48
48	Ocean convection linked to the recent ice edge retreat along east Greenland. Nature Communications, 2018, 9, 1287.	12.8	48
49	Water mass transformation in the Iceland Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 101, 98-109.	1.4	47
50	Spatial and Temporal Structure of Atmospheric Water Vapor Transport in the Mackenzie River Basin. Journal of Climate, 1999, 12, 681-696.	3.2	45
51	The Effect of the Sea-ice Zone on the Development of Boundary-layer Roll Clouds During Cold Air Outbreaks. Boundary-Layer Meteorology, 2006, 118, 557-581.	2.3	45
52	Spatiotemporal Variability of Sea Ice in the Arctic's Last Ice Area. Geophysical Research Letters, 2019, 46, 11237-11243.	4.0	45
53	Buoy observations from the windiest location in the world ocean, Cape Farewell, Greenland. Geophysical Research Letters, 2008, 35, .	4.0	44
54	A Reconstruction of the Airâ€“Sea Interaction Associated with the Weddell Polynya. Journal of Physical Oceanography, 2002, 32, 1685-1698.	1.7	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.	2.7	43
56	Revisiting the Relationship between Observed Warming and Surface Pressure in the Tibetan Plateau. Journal of Climate, 2017, 30, 1721-1737.	3.2	38
57	Surface pressure record of Tibetan Plateau warming since the 1870s. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 1999-2008.	2.7	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.	1.9	36
59	An easterly tip jet off Cape Farewell, Greenland. I: Aircraft observations. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 1919-1933.	2.7	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.	4.0	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.	3.3	35
62	The impact of resolution on the representation of southeast Greenland barrier winds and katabatic flows. Geophysical Research Letters, 2015, 42, 3011-3018.	4.0	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.	1.4	35
64	Lake-Effect Snowstorms over Southern Ontario, Canada, and Their Associated Synoptic-Scale Environment. Monthly Weather Review, 2004, 132, 2595-2609.	1.4	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.	2.7	34
66	High Himalayan meteorology: Weather at the South Col of Mount Everest. Geophysical Research Letters, 2004, 31, .	4.0	33
67	Reduction in Himalayan snow accumulation and weakening of the trade winds over the Pacific since the 1840s. Geophysical Research Letters, 2006, 33, .	4.0	32
68	On the impact of highâ€resolution, highâ€frequency meteorological forcing on Denmark Strait ocean circulation. Quarterly Journal of the Royal Meteorological Society, 2009, 135, 2067-2085.	2.7	32
69	Arctic System Reanalysis improvements in topographically forced winds near Greenland. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 2033-2045.	2.7	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.	2.6	31
71	Buoyancy Flux at Ocean Weather Station Bravo. Journal of Physical Oceanography, 2002, 32, 458-474.	1.7	30
72	Multicentennial record of Labrador Sea primary productivity and sea-ice variability archived in coralline algal barium. Nature Communications, 2017, 8, 15543.	12.8	30

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73	Spatial distribution of airâ€sea heat fluxes over the subâ€polar North Atlantic Ocean. Geophysical Research Letters, 2012, 39, .	4.0	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. Geophysical Research Letters, 2002, 29, 20-1-20-4.	4.0	28
75	The Novaya Zemlya Bora and its impact on Barents Sea airâ€sea interaction. Geophysical Research Letters, 2013, 40, 3462-3467.	4.0	28
76	On the nature and origin of water masses in Herald Canyon, Chukchi Sea: Synoptic surveys in summer 2004, 2008, and 2009. Progress in Oceanography, 2017, 159, 99-114.	3.2	28
77	The Early Collapse of the 2017 Lincoln Sea Ice Arch in Response to Anomalous Sea Ice and Wind Forcing. Geophysical Research Letters, 2018, 45, 8343-8351.	4.0	28
78	Weather And Death On Mount Everest: An Analysis Of The Into Thin Air Storm. Bulletin of the American Meteorological Society, 2006, 87, 465-480.	3.3	26
79	High levels of ambient ozone (O3) may impact COVID-19 in high altitude mountain environments. Respiratory Physiology and Neurobiology, 2020, 280, 103487.	1.6	26
80	Characteristics and Transformation of Pacific Winter Water on the Chukchi Sea Shelf in Late Spring. Journal of Geophysical Research: Oceans, 2019, 124, 7153-7177.	2.6	25
81	Freezing and Frostbite on Mount Everest: New Insights into Wind Chill and Freezing Times at Extreme Altitude. High Altitude Medicine and Biology, 2011, 12, 271-275.	0.9	24
82	What Caused the Remarkable February 2018 North Greenland Polynya?. Geophysical Research Letters, 2018, 45, 13,342.	4.0	24
83	Precipitation Features Observed by Doppler Radar at Tuktoyaktuk, Northwest Territories, Canada, during the Beaufort and Arctic Storms Experiment. Monthly Weather Review, 1998, 126, 2384-2405.	1.4	23
84	A simulation of a lake effect snowstorm with a cloud resolving numerical model. Geophysical Research Letters, 2006, 33, .	4.0	22
85	Airâ€sea interaction associated with a Greenland reverse tip jet. Geophysical Research Letters, 2007, 34, .	4.0	22
86	The North Icelandic Jet and its relationship to the North Icelandic Irminger Current. Journal of Marine Research, 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. Geophysical Research Letters, 2012, 39, .	4.0	21
88	The Iceland Greenland Seas Project. Bulletin of the American Meteorological Society, 2019, 100, 1795-1817.	3.3	21
89	Storm Studies in the Arctic (STAR). Bulletin of the American Meteorological Society, 2010, 91, 47-68.	3.3	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. International Journal of Climatology, 2008, 28, 563-578.	3.5	20

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91	Accelerated sea ice loss in the Wandel Sea points to a change in the Arcticâ€™s Last Ice Area. Communications Earth & Environment, 2021, 2, .	6.8	20
92	Mean Conditions and Seasonality of the West Greenland Boundary Current System near Cape Farewell. Journal of Physical Oceanography, 2020, 50, 2849-2871.	1.7	20
93	Sea-ice retreat suggests re-organization of water mass transformation in the Nordic and Barents Seas. Nature Communications, 2022, 13, 67.	12.8	19
94	Variability in the climate of the Pacific Ocean and North America as expressed in the Mount Logan ice core. Annals of Glaciology, 2002, 35, 423-429.	1.4	18
95	Title is missing!. Climatic Change, 2003, 59, 101-121.	3.6	18
96	Mount Everest snow plume: A case study. Geophysical Research Letters, 2004, 31, .	4.0	18
97	Climatology and predictability of the late summer stratospheric zonal wind turnaround over Vanscoy, Saskatchewan. Atmosphere - Ocean, 2005, 43, 301-313.	1.6	18
98	A Tibetan Taylor Cap and a halo of stratospheric ozone over the Himalaya. Geophysical Research Letters, 2005, 32, .	4.0	18
99	Reduction in seasonal sea ice concentration surrounding southern Baffin Island 1979â€“2004. Geophysical Research Letters, 2006, 33, .	4.0	18
100	A GCMâ€based analysis of circulation controls on Î´¹⁸O in the southwest Yukon, Canada: Implications for climate reconstructions in the region. Geophysical Research Letters, 2010, 37, .	4.0	18
101	Shelfbreak Downwelling in the Alaskan Beaufort Sea. Journal of Geophysical Research: Oceans, 2019, 124, 7201-7225.	2.6	18
102	Impact of model resolution on the representation of the airâ€“sea interaction associated with the North Water Polynya. Quarterly Journal of the Royal Meteorological Society, 2018, 144, 1474-1489.	2.7	17
103	What causes the location of the airâ€sea turbulent heat flux maximum over the Labrador Sea?. Geophysical Research Letters, 2014, 41, 3628-3635.	4.0	16
104	The Role of Wave Dynamics and Small-Scale Topography for Downslope Wind Events in Southeast Greenland. Journals of the Atmospheric Sciences, 2015, 72, 2786-2805.	1.7	16
105	North Pacific twentieth century decadal-scale variability is unique for the past 342Âyears. Geophysical Research Letters, 2017, 44, 3761-3769.	4.0	16
106	Polar lows in the Labrador Sea. A case study. Tellus, Series A: Dynamic Meteorology and Oceanography, 1996, 48, 17-40.	1.7	15
107	Northern Bering Sea tip jets. Geophysical Research Letters, 2012, 39, .	4.0	14
108	Atmospheric forcing during active convection in the <scp>L</scp>abrador <scp>S</scp>ea and its impact on mixedâ€layer depth. Journal of Geophysical Research: Oceans, 2016, 121, 6978-6992.	2.6	14

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109	The Impact of Global Warming on Mount Everest. High Altitude Medicine and Biology, 2009, 10, 383-385.	0.9	13
110	Temporal Variability in the Expression of the Arctic Oscillation in the North Pacific. Journal of Climate, 2009, 22, 3110-3126.	3.2	13
111	High concentration of surface ozone observed along the Khumbu Valley Nepal April 2007. Geophysical Research Letters, 2009, 36, .	4.0	12
112	Mesoscale Structure of Cape Farewell Tip Jets. Journal of Climate, 2014, 27, 8956-8965.	3.2	12
113	Mallory and Irvine on Mount Everest: Did extreme weather play a role in their disappearance?. Weather, 2010, 65, 215-218.	0.7	11
114	First observations of surface ozone concentration from the summit region of Mount Everest. Geophysical Research Letters, 2008, 35, .	4.0	10
115	A Tale of Two Climbers: Hypothermia, Death, and Survival on Mount Everest. High Altitude Medicine and Biology, 2012, 13, 51-56.	0.9	10
116	Greenland plateau jets. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 65, 17468.	1.7	10
117	High Concentrations of Ozone Air Pollution on Mount Everest: Health Implications for Sherpa Communities and Mountaineers. High Altitude Medicine and Biology, 2016, 17, 365-369.	0.9	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. Journals of the Atmospheric Sciences, 1991, 48, 63-75.	1.7	9
120	A climatology of sea ice embayments in the Cosmonaut Sea, Antarctica. Geophysical Research Letters, 2007, 34, .	4.0	9
121	Impact of the high topography of Madagascar on the structure of the Findlater Jet. Geophysical Research Letters, 2013, 40, 2367-2372.	4.0	9
122	A climatology of vessel icing for the subpolar North Atlantic Ocean. International Journal of Climatology, 2013, 33, 2495-2507.	3.5	9
123	Rapid Cooling and Increased Storminess Triggered by Freshwater in the North Atlantic. Geophysical Research Letters, 2020, 47, e2020GL087207.	4.0	9
124	Mean and Seasonal Circulation of the Eastern Chukchi Sea From Moored Timeseries in 2013â€“2014. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016863.	2.6	9
125	Kinematic Structure and Dynamics of the Denmark Strait Overflow from Ship-Based Observations. Journal of Physical Oceanography, 2020, 50, 3235-3251.	1.7	9
126	The Wrangel Island Polynya in early summer: Trends and relationships to other polynyas and the Beaufort Sea High. Geophysical Research Letters, 2012, 39, .	4.0	8

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127	Trend and interannual variability in southeast Greenland Sea Ice: Impacts on coastal Greenland climate variability. Geophysical Research Letters, 2014, 41, 8619-8626.	4.0	8
128	Impact of Multidecadal Climate Variability on United Kingdom Rickets Rates. Scientific Reports, 2017, 7, 15764.	3.3	8
129	First Observations of a Transient Polynya in the Last Ice Area North of Ellesmere Island. Geophysical Research Letters, 2021, 48, e2021GL095099.	4.0	8
130	Fine structure of a Greenland reverse tip jet: a numerical simulation. Tellus, Series A: Dynamic Meteorology and Oceanography, 2008, 61, 512-526.	1.7	7
131	Environmental conditions at the South Col of Mount Everest and their impact on hypoxia and hypothermia experienced by mountaineers. Extreme Physiology and Medicine, 2012, 1, 2.	2.5	7
132	The <scp>M</scp>arch 1972 northwest <scp>G</scp>reenland windstorm: evidence of downslope winds associated with a trapped lee wave. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 1428-1438.	2.7	7
133	Influence of the Scandinavian climate pattern on the UK asthma mortality: a time series and geospatial study. BMJ Open, 2018, 8, e020822.	1.9	7
134	Surface pressure and elevation correction from observation and multiple reanalyses over the Tibetan Plateau. Climate Dynamics, 2019, 53, 5893-5908.	3.8	7
135	Extreme High Greenland Blocking Index Leads to the Reversal of Davis and Nares Strait Net Transport Toward the Arctic Ocean. Geophysical Research Letters, 2021, 48, e2021GL094178.	4.0	7
136	Frontal cyclogenesis and the geostrophic momentum approximation. Geophysical and Astrophysical Fluid Dynamics, 1989, 45, 183-197.	1.2	6
137	On the relationship between Dasuopu Snow Accumulation and the Asian Summer Monsoon. Geophysical Research Letters, 2002, 29, 75-1-75-4.	4.0	6
138	Transition of a synoptic system to a polar low via interaction with the orography of Greenland. Tellus, Series A: Dynamic Meteorology and Oceanography, 2006, 58, 236-253.	1.7	6
139	Automatic Weather Station Observations of the April 2014 Mount Everest Avalanche. Arctic, Antarctic, and Alpine Research, 2017, 49, 321-330.	1.1	6
140	Mount Logan Ice Core Evidence for Changes in the Hadley and Walker Circulations Following the end of the Little Ice Age. Advances in Global Change Research, 2004, , 371-395.	1.6	6
141	Secondary Cyclogenesisâ€"Comparison of Observations and Theory. Monthly Weather Review, 1990, 118, 427-446.	1.4	5
142	Binary interactions between polar lows. Tellus, Series A: Dynamic Meteorology and Oceanography, 1997, 49, 577-594.	1.7	5
143	A diagnostic study of moist potential vorticity generation in an extratropical cyclone. Advances in Atmospheric Sciences, 1998, 15, 152-166.	4.3	5
144	A nonlinear expression of the North Atlantic Oscillation in the North Pacific. Geophysical Research Letters, 2004, 31, .	4.0	5

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145	The 25â€“27 May 2005 Mount Logan Storm. Part I: Observations and Synoptic Overview. Journal of Hydrometeorology, 2007, 8, 590-606.	1.9	5
146	Ozone Exposure and Mortality. New England Journal of Medicine, 2009, 360, 2786-2789.	27.0	5
147	Impact of Resolution on the Representation of Precipitation Variability Associated With the ITCZ. Geophysical Research Letters, 2017, 44, 12,519.	4.0	5
148	Impact of model resolution on the representation of the wind speed field: An example from the United Kingdom. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 367-379.	2.7	5
149	Influence of Atlantic and Pacific Sea Surface Temperatures on Heatâ€Related Mortality in the United States. GeoHealth, 2020, 4, e2019GH000220.	4.0	5
150	A seasonally lagged signal of the North Atlantic Oscillation (NAO) in the North Pacific. International Journal of Climatology, 2006, 26, 957-970.	3.5	4
151	Global Warming, El NiÃ±o, and High-Impact Storms at Extreme Altitude: Historical Trends and Consequences for Mountaineers. Journal of Applied Meteorology and Climatology, 2011, 50, 2197-2209.	1.5	4
152	Tibetan ice core evidence for an intensification of the East Asian jet stream since the 1870s. Atmospheric Science Letters, 2013, 14, 235-242.	1.9	4
153	Impact of Source Region on the Î´18O Signal in Snow: A Case Study from Mount Wrangell, Alaska. Journal of Hydrometeorology, 2016, 17, 139-151.	1.9	4
154	Iceland's Great Frost Winter of 1917/1918 and its representation in reanalyses of the twentieth century. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 508-520.	2.7	4
155	Impact of model resolution on the representation of the wind field along Nares Strait. Scientific Reports, 2021, 11, 13271.	3.3	4
156	Water mass transformation in the Iceland Sea: Contrasting two winters separated by four decades. Deep-Sea Research Part I: Oceanographic Research Papers, 2022, 186, 103824.	1.4	4
157	An Airborne APT Weather Satellite Imaging System. Journal of Atmospheric and Oceanic Technology, 1998, 15, 80-88.	1.3	3
158	Barotropic Instability Due to Kelvin Waveâ€“Rossby Wave Coupling. Journals of the Atmospheric Sciences, 1999, 56, 2376-2383.	1.7	3
159	Himalaya Air Quality Impacts From the COVIDâ€19 Lockdown Across the Indoâ€Gangetic Plain. GeoHealth, 2021, 5, e2020GH000351.	4.0	3
160	On the Accuracy of the WKBJ Approximation to the Nonseparable Quasi-geostrophic Baroclinic Instability Problem. Journals of the Atmospheric Sciences, 1990, 47, 2829-2831.	1.7	2
161	Timescale dependency of spatial patterns in the variability of the Northern Hemisphere winter SLP field. Geophysical Research Letters, 2006, 33, .	4.0	2
162	Was an Avalanche Swarm Responsible for the Devastation at Mount Everest Base Camp During the April 2015 Nepal Earthquake?. High Altitude Medicine and Biology, 2020, 21, 352-359.	0.9	1

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163	Weather image. Weather, 2002, 57, 468-468.	0.7	0
164	Quantifying Temporal Variance in High-Latitude Airâ€“Sea Interactions. Journal of Climate, 2003, 16, 746-755.	3.2	0
165	Representation of Spatial Variability of the Water Fluxes over the Congo Basin Region. Sensors, 2022, 22, 84.	3.8	0