

Mechanisms for low-frequency variability of summer A

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Predicted slowdown in the rate of Atlantic sea ice loss. <i>Geophysical Research Letters</i> , 2015, 42, 10,704.	4.0	113
2	Influence of climate model variability on projected Arctic shipping futures. <i>Earth's Future</i> , 2015, 3, 331-343.	6.3	63
3	Regional dependence in the timing of onset of rapid decline in Arctic sea ice concentration. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 8077-8098.	2.6	23
4	Skillful prediction of Barents Sea ice cover. <i>Geophysical Research Letters</i> , 2015, 42, 5364-5371.	4.0	125
5	Improved Arctic sea ice thickness projections using bias-corrected CMIP5 simulations. <i>Cryosphere</i> , 2015, 9, 2237-2251.	3.9	34
6	Assessment of Arctic and Antarctic sea ice predictability in CMIP5 decadal hindcasts. <i>Cryosphere</i> , 2016, 10, 2429-2452.	3.9	20
7	Multidecadal fluctuations of the North Atlantic Ocean and feedback on the winter climate in CMIP5 control simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2571-2592.	3.3	50
8	Mechanisms Determining the Winter Atmospheric Response to the Atlantic Overturning Circulation. <i>Journal of Climate</i> , 2016, 29, 3767-3785.	3.2	16
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10	The North Atlantic Oscillation as a driver of rapid climate change in the Northern Hemisphere. <i>Nature Geoscience</i> , 2016, 9, 509-512.	12.9	197
11	The necessity of cloud feedback for a basin-scale Atlantic Multidecadal Oscillation. <i>Geophysical Research Letters</i> , 2016, 43, 3955-3963.	4.0	74
12	Atmospheric and Oceanic Contributions to Irreducible Forecast Uncertainty of Arctic Surface Climate. <i>Journal of Climate</i> , 2016, 29, 331-346.	3.2	12
13	Connecting ocean heat transport changes from the midlatitudes to the Arctic Ocean. <i>Geophysical Research Letters</i> , 2017, 44, 1899-1908.	4.0	64
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15	On the discrepancy between observed and CMIP5 multi-model simulated Barents Sea winter sea ice decline. <i>Nature Communications</i> , 2017, 8, 14991.	12.8	63
16	Changes in Ocean Temperature in the Barents Sea in the Twenty-First Century. <i>Journal of Climate</i> , 2017, 30, 5901-5921.	3.2	22
17	Possible connections of the opposite trends in Arctic and Antarctic sea-ice cover. <i>Scientific Reports</i> , 2017, 7, 45804.	3.3	30
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20	Greater role for Atlantic inflows on sea-ice loss in the Eurasian Basin of the Arctic Ocean. <i>Science</i> , 2017, 356, 285-291.	12.6	576
21	Summer Enhancement of Arctic Sea Ice Volume Anomalies in the September-Ice Zone. <i>Journal of Climate</i> , 2017, 30, 2341-2362.	3.2	18
22	Enhanced wintertime greenhouse effect reinforcing Arctic amplification and initial sea-ice melting. <i>Scientific Reports</i> , 2017, 7, 8462.	3.3	41
23	Sensitivity of open-water ice growth and ice concentration evolution in a coupled atmosphere-ocean-sea ice model. <i>Dynamics of Atmospheres and Oceans</i> , 2017, 79, 10-30.	1.8	11
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29	Atlantic water flow through the Faroese Channels. <i>Ocean Science</i> , 2017, 13, 873-888.	3.4	10
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31	Atlantic Multidecadal Oscillation Modulates the Impacts of Arctic Sea Ice Decline. <i>Geophysical Research Letters</i> , 2018, 45, 2497-2506.	4.0	48
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36	Low-Frequency North Atlantic Climate Variability in the Community Earth System Model Large Ensemble. <i>Journal of Climate</i> , 2018, 31, 787-813.	3.2	86

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38	The Role of Ocean Heat Transport in Rapid Sea Ice Declines in the Community Earth System Model Large Ensemble. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 8941-8957.	2.6	24
39	Processes Controlling Arctic and Antarctic Sea Ice Predictability in the Community Earth System Model. <i>Journal of Climate</i> , 2018, 31, 9771-9786.	3.2	18
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41	The Trajectory Towards a Seasonally Ice-Free Arctic Ocean. <i>Current Climate Change Reports</i> , 2018, 4, 407-416.	8.6	70
42	Patterns, Impacts, and Future Projections of Summer Variability in the Arctic from CMIP5 Models. <i>Journal of Climate</i> , 2018, 31, 9815-9833.	3.2	30
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49	Distinct Mechanisms of Ocean Heat Transport Into the Arctic Under Internal Variability and Climate Change. <i>Geophysical Research Letters</i> , 2018, 45, 7692-7700.	4.0	32
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51	Arctic Ocean Response to Greenland Sea Wind Anomalies in a Suite of Model Simulations. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6286-6322.	2.6	31
52	Structure and Performance of GFDL's CM4.0 Climate Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 3691-3727.	3.8	242
53	The Value of Sustained Ocean Observations for Sea Ice Predictions in the Barents Sea. <i>Journal of Climate</i> , 2019, 32, 7017-7035.	3.2	14
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57	A simple predictive model for the eddy propagation trajectory in the northern South China Sea. <i>Ocean Science</i> , 2019, 15, 401-412.	3.4	15
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65	Pacific Ocean Variability Influences the Time of Emergence of a Seasonally Ice-Free Arctic Ocean. <i>Geophysical Research Letters</i> , 2019, 46, 2222-2231.	4.0	68
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123	An Optimal Atmospheric Circulation Mode in the Arctic Favoring Strong Summertime Sea Ice Melting and Ice-Albedo Feedback. <i>Journal of Climate</i> , 2022, 35, 3027-3045.	3.2	2
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132	Impact of Arctic Oscillation on cloud radiative forcing and September sea ice retreat. <i>Acta Oceanologica Sinica</i> , 2022, 41, 131-139.	1.0	0

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