

Cecilia Bitz

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

16,533
citations

25034

57
h-index

16650

123
g-index

167
all docs

167
docs citations

167
times ranked

13779
citing authors

#	ARTICLE	IF	CITATIONS
1	A cyclone-centered perspective on the drivers of asymmetric patterns in the atmosphere and sea ice during Arctic cyclones. <i>Journal of Climate</i> , 2022, , 1-47.	3.2	14
2	Probabilistic Forecasts of Arctic Sea Ice Thickness. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2022, 27, 280-302.	1.4	4
3	Understanding the Forecast Skill of Rapid Arctic Sea Ice Loss on Subseasonal Time Scales. <i>Journal of Climate</i> , 2022, 35, 1179-1196.	3.2	2
4	Seasonality in Arctic Warming Driven by Sea Ice Effective Heat Capacity. <i>Journal of Climate</i> , 2022, 35, 1629-1642.	3.2	16
5	Asymmetry in the seasonal cycle of Antarctic sea ice driven by insolation. <i>Nature Geoscience</i> , 2022, 15, 277-281.	12.9	8
6	Estimating parameters in a sea ice model using an ensemble Kalman filter. <i>Cryosphere</i> , 2021, 15, 1277-1284.	3.9	0
7	A floe size dependent scattering model in two- and three-dimensions for wave attenuation by ice floes. <i>Ocean Modelling</i> , 2021, 161, 101779.	2.4	15
8	Robust Inter-hemispheric Asymmetry in the Response to Symmetric Volcanic Forcing in Model Large Ensembles. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092558.	4.0	8
9	Probabilistic forecasting of the Arctic sea ice edge with contour modeling. <i>Annals of Applied Statistics</i> , 2021, 15, .	1.1	5
10	High-Frequency Sea Ice Variability in Observations and Models. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092356.	4.0	5
11	Contributions to Polar Amplification in CMIP5 and CMIP6 Models. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	55
12	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 680-698.	29.7	85
13	Arctic Sea Ice Response to Flooding of the Snow Layer in Future Warming Scenarios. <i>Earth's Future</i> , 2021, 9, e2021EF002136.	6.3	2
14	The influence of ENSO on Arctic sea ice in large ensembles and observations. <i>Journal of Climate</i> , 2021, , 1-50.	3.2	8
15	Fasting season length sets temporal limits for global polar bear persistence. <i>Nature Climate Change</i> , 2020, 10, 732-738.	18.8	68
16	Sea-ice-free Arctic during the Last Interglacial supports fast future loss. <i>Nature Climate Change</i> , 2020, 10, 928-932.	18.8	71
17	Antarctic Elevation Drives Hemispheric Asymmetry in Polar Lapse Rate Climatology and Feedback. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088965.	4.0	16
18	Strong remote control of future equatorial warming by off-equatorial forcing. <i>Nature Climate Change</i> , 2020, 10, 124-129.	18.8	32

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19	Antarctic Sea Ice Area in CMIP6. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086729.	4.0	129
20	Pollen calendars and maps of allergenic pollen in North America. <i>Aerobiologia</i> , 2019, 35, 613-633.	1.7	55
21	A Year-Round Subseasonal-to-Seasonal Sea Ice Prediction Portal. <i>Geophysical Research Letters</i> , 2019, 46, 3298-3307.	4.0	28
22	100 Years of Earth System Model Development. <i>Meteorological Monographs</i> , 2019, 59, 12.1-12.66.	5.0	48
23	Energy Budgets for Terrestrial Extrasolar Planets. <i>Astrophysical Journal Letters</i> , 2019, 884, L2.	8.3	5
24	Estimating the sea ice floe size distribution using satellite altimetry: theory, climatology, and model comparison. <i>Cryosphere</i> , 2019, 13, 2869-2885.	3.9	23
25	Advances in Modeling Interactions Between Sea Ice and Ocean Surface Waves. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4167-4181.	3.8	45
26	Sustained ocean changes contributed to sudden Antarctic sea ice retreat in late 2016. <i>Nature Communications</i> , 2019, 10, 14.	12.8	179
27	Effects of Ensemble Configuration on Estimates of Regional Climate Uncertainties. <i>Geophysical Research Letters</i> , 2018, 45, 926-934.	4.0	4
28	Metrics for the Evaluation of the Southern Ocean in Coupled Climate Models and Earth System Models. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3120-3143.	2.6	29
29	Sources of Intermodel Spread in the Lapse Rate and Water Vapor Feedbacks. <i>Journal of Climate</i> , 2018, 31, 3187-3206.	3.2	35
30	Reconstruction of Snow on Arctic Sea Ice. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3588-3602.	2.6	33
31	Polar amplification dominated by local forcing and feedbacks. <i>Nature Climate Change</i> , 2018, 8, 1076-1081.	18.8	216
32	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
33	Exo-Milankovitch Cycles. II. Climates of G-dwarf Planets in Dynamically Hot Systems. <i>Astronomical Journal</i> , 2018, 155, 266.	4.7	29
34	Tropical Decadal Variability and the Rate of Arctic Sea Ice Decrease. <i>Geophysical Research Letters</i> , 2018, 45, 11,326.	4.0	51
35	Radiative Feedbacks From Stochastic Variability in Surface Temperature and Radiative Imbalance. <i>Geophysical Research Letters</i> , 2018, 45, 5082-5094.	4.0	21
36	Insights on Sea Ice Data Assimilation from Perfect Model Observing System Simulation Experiments. <i>Journal of Climate</i> , 2018, 31, 5911-5926.	3.2	23

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37	An Emergent Sea Ice Floe Size Distribution in a Global Coupled Ocean–Sea Ice Model. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4322-4337.	2.6	84
38	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
39	Global atmospheric teleconnections during Dansgaard–Oeschger events. <i>Nature Geoscience</i> , 2017, 10, 36-40.	12.9	108
40	Time-Dependent Freshwater Input From Ice Shelves: Impacts on Antarctic Sea Ice and the Southern Ocean in an Earth System Model. <i>Geophysical Research Letters</i> , 2017, 44, 10,454.	4.0	40
41	Conditions leading to the unprecedented low Antarctic sea ice extent during the 2016 austral spring season. <i>Geophysical Research Letters</i> , 2017, 44, 9008-9019.	4.0	126
42	Improved Sea Ice Forecasting through Spatiotemporal Bias Correction. <i>Journal of Climate</i> , 2017, 30, 9493-9510.	3.2	15
43	A Source–Receptor Perspective on the Polar Hydrologic Cycle: Sources, Seasonality, and Arctic–Antarctic Parity in the Hydrologic Cycle Response to CO ₂ Doubling. <i>Journal of Climate</i> , 2017, 30, 9999-10017.	3.2	26
44	Remarkable separability of circulation response to Arctic sea ice loss and greenhouse gas forcing. <i>Geophysical Research Letters</i> , 2017, 44, 7955-7964.	4.0	63
45	Multi-model seasonal forecast of Arctic sea-ice: forecast uncertainty at pan-Arctic and regional scales. <i>Climate Dynamics</i> , 2017, 49, 1399-1410.	3.8	41
46	Ice Caps and Ice Belts: The Effects of Obliquity on Ice–Albedo Feedback. <i>Astrophysical Journal</i> , 2017, 846, 28.	4.5	53
47	The Abisko Polar Prediction School. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 445-447.	3.3	2
48	Modeling climatic effects of carbon dioxide emissions from Deccan Traps volcanic eruptions around the Cretaceous–Paleogene boundary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 478, 139-148.	2.3	29
49	The Effect of Orbital Configuration on the Possible Climates and Habitability of Kepler-62f. <i>Astrobiology</i> , 2016, 16, 443-464.	3.0	56
50	Antarctic sea-ice expansion between 2000 and 2014 driven by tropical Pacific decadal climate variability. <i>Nature Geoscience</i> , 2016, 9, 590-595.	12.9	218
51	A mathematical framework for analysis of water tracers: Part 1: Development of theory and application to the preindustrial mean state. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 991-1013.	3.8	27
52	Global Climate Impacts of Fixing the Southern Ocean Shortwave Radiation Bias in the Community Earth System Model (CESM). <i>Journal of Climate</i> , 2016, 29, 4617-4636.	3.2	224
53	The Global Climate Response to Lowering Surface Orography of Antarctica and the Importance of Atmosphere–Ocean Coupling. <i>Journal of Climate</i> , 2016, 29, 4137-4153.	3.2	21
54	A Mathematical Framework for Analysis of Water Tracers. Part II: Understanding Large-Scale Perturbations in the Hydrological Cycle due to CO ₂ Doubling. <i>Journal of Climate</i> , 2016, 29, 6765-6782.	3.2	20

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55	Diagnostic sea ice predictability in the pan-Arctic and U.S. Arctic regional seas. <i>Geophysical Research Letters</i> , 2016, 43, 11,688.	4.0	13
56	Greater aerial moisture transport distances with warming amplify interbasin salinity contrasts. <i>Geophysical Research Letters</i> , 2016, 43, 8677-8684.	4.0	17
57	The spatial extent and dynamics of the Antarctic Cold Reversal. <i>Nature Geoscience</i> , 2016, 9, 51-55.	12.9	118
58	The Response of the Southern Ocean and Antarctic Sea Ice to Freshwater from Ice Shelves in an Earth System Model. <i>Journal of Climate</i> , 2016, 29, 1655-1672.	3.2	87
59	Southern Ocean Deep Circulation and Heat Uptake in a High-Resolution Climate Model. <i>Journal of Climate</i> , 2016, 29, 2597-2619.	3.2	47
60	Polar Lower-Latitude Linkages and Their Role in Weather and Climate Prediction. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, ES197-ES200.	3.3	21
61	Inability of stratospheric sulfate aerosol injections to preserve the West Antarctic Ice Sheet. <i>Geophysical Research Letters</i> , 2015, 42, 4989-4997.	4.0	35
62	Snow cover on Arctic sea ice in observations and an Earth System Model. <i>Geophysical Research Letters</i> , 2015, 42, 10,342.	4.0	25
63	Model forecast skill and sensitivity to initial conditions in the seasonal Sea Ice Outlook. <i>Geophysical Research Letters</i> , 2015, 42, 8042-8048.	4.0	54
64	Antarctic Ocean and Sea Ice Response to Ozone Depletion: A Two-Time-Scale Problem. <i>Journal of Climate</i> , 2015, 28, 1206-1226.	3.2	179
65	Sea Ice Enhancements to Polar WRF*. <i>Monthly Weather Review</i> , 2015, 143, 2363-2385.	1.4	69
66	The ocean's role in polar climate change: asymmetric Arctic and Antarctic responses to greenhouse gas and ozone forcing. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130040.	3.4	114
67	A Heuristic Model of Dansgaard-Oeschger Cycles. Part I: Description, Results, and Sensitivity Studies. <i>Journal of Climate</i> , 2014, 27, 4337-4358.	3.2	13
68	Biases in modeled surface snow BC mixing ratios in prescribed-aerosol climate model runs. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11697-11709.	4.9	7
69	Rapid and extensive warming following cessation of solar radiation management. <i>Environmental Research Letters</i> , 2014, 9, 024005.	5.2	30
70	SPECTRUM-DRIVEN PLANETARY DEGLACIATION DUE TO INCREASES IN STELLAR LUMINOSITY. <i>Astrophysical Journal Letters</i> , 2014, 785, L9.	8.3	72
71	Characteristics of Arctic Sea-Ice Thickness Variability in GCMs. <i>Journal of Climate</i> , 2014, 27, 8244-8258.	3.2	51
72	Predicting September sea ice: Ensemble skill of the SEARCH Sea Ice Outlook 2008-2013. <i>Geophysical Research Letters</i> , 2014, 41, 2411-2418.	4.0	154

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73	Offsetting effects of aerosols on Arctic and global climate in the late 20th century. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3969-3975.	4.9	36
74	Time-Varying Climate Sensitivity from Regional Feedbacks. <i>Journal of Climate</i> , 2013, 26, 4518-4534.	3.2	291
75	The Effect of Host Star Spectral Energy Distribution and Ice-Albedo Feedback on the Climate of Extrasolar Planets. <i>Astrobiology</i> , 2013, 13, 715-739.	3.0	134
76	Ecological Consequences of Sea-Ice Decline. <i>Science</i> , 2013, 341, 519-524.	12.6	461
77	High-Latitude Ocean and Sea Ice Surface Fluxes: Challenges for Climate Research. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 403-423.	3.3	137
78	What is the Trajectory of Arctic Sea Ice?. <i>Geophysical Monograph Series</i> , 2013, , 175-185.	0.1	2
79	Two modes of sea-ice gravity drainage: A parameterization for large-scale modeling. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2279-2294.	2.6	82
80	Sensitivity of Arctic Sea Ice Thickness to Intermodel Variations in the Surface Energy Budget. <i>Geophysical Monograph Series</i> , 2013, , 77-90.	0.1	2
81	Arctic Sea Ice Decline: Introduction. <i>Geophysical Monograph Series</i> , 2013, , 1-5.	0.1	1
82	The Influence of Local Feedbacks and Northward Heat Transport on the Equilibrium Arctic Climate Response to Increased Greenhouse Gas Forcing. <i>Journal of Climate</i> , 2012, 25, 5433-5450.	3.2	133
83	Late-Twentieth-Century Simulation of Arctic Sea Ice and Ocean Properties in the CCSM4. <i>Journal of Climate</i> , 2012, 25, 1431-1452.	3.2	99
84	Climate Sensitivity of the Community Climate System Model, Version 4. <i>Journal of Climate</i> , 2012, 25, 3053-3070.	3.2	190
85	Constraining projections of summer Arctic sea ice. <i>Cryosphere</i> , 2012, 6, 1383-1394.	3.9	239
86	Arctic climate response to forcing from light-absorbing particles in snow and sea ice in CESM. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7903-7920.	4.9	37
87	Projected decline in spring snow depth on Arctic sea ice caused by progressively later autumn open ocean freeze-up this century. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	85
88	Impact of ocean model resolution on CCSM climate simulations. <i>Climate Dynamics</i> , 2012, 39, 1303-1328.	3.8	181
89	Antarctic climate response to stratospheric ozone depletion in a fine resolution ocean climate model. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	112
90	<i>Cryosphere, Modeling of.</i> , 2012, , 31-62.		0

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91	The Climate Response to Stratospheric Sulfate Injections and Implications for Addressing Climate Emergencies. <i>Journal of Climate</i> , 2012, 25, 3096-3116.	3.2	31
92	Global Climate Models and 20th and 21st Century Arctic Climate Change. <i>Atmospheric and Oceanographic Sciences Library</i> , 2012, , 405-436.	0.1	13
93	The reversibility of sea ice loss in a state-of-the-art climate model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	75
94	Influence of initial conditions and climate forcing on predicting Arctic sea ice. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	105
95	Modeled methanesulfonic acid (MSA) deposition in Antarctica and its relationship to sea ice. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	26
96	Persistence and Inherent Predictability of Arctic Sea Ice in a GCM Ensemble and Observations. <i>Journal of Climate</i> , 2011, 24, 231-250.	3.2	218
97	Chinese stalagmite $\delta^{18}O$ controlled by changes in the Indian monsoon during a simulated Heinrich event. <i>Nature Geoscience</i> , 2011, 4, 474-480.	12.9	505
98	Controls on Arctic Sea Ice from First-Year and Multiyear Ice Survivability. <i>Journal of Climate</i> , 2011, 24, 2378-2390.	3.2	9
99	The Effect of the Sea Ice Freshwater Flux on Southern Ocean Temperatures in CCSM3: Deep-Ocean Warming and Delayed Surface Warming. <i>Journal of Climate</i> , 2011, 24, 2224-2237.	3.2	43
100	Consistent Changes in the Sea Ice Seasonal Cycle in Response to Global Warming. <i>Journal of Climate</i> , 2011, 24, 5325-5335.	3.2	38
101	Greenhouse gas mitigation can reduce sea-ice loss and increase polar bear persistence. <i>Nature</i> , 2010, 468, 955-958.	27.8	151
102	Can North Atlantic Sea Ice Anomalies Account for Dansgaard-Oeschger Climate Signals?*. <i>Journal of Climate</i> , 2010, 23, 5457-5475.	3.2	121
103	Rain driven by receding ice sheets as a cause of past climate change. <i>Paleoceanography</i> , 2009, 24, .	3.0	47
104	Age characteristics in a multidecadal Arctic sea ice simulation. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	28
105	Rain on Snow: Little Understood Killer in the North. <i>Eos</i> , 2009, 90, 221-222.	0.1	34
106	Soil Thermal and Ecological Impacts of Rain on Snow Events in the Circumpolar Arctic. <i>Journal of Climate</i> , 2009, 22, 2302-2315.	3.2	126
107	Increased variability of the Arctic summer ice extent in a warmer climate. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	80
108	Arctic warming aloft is data set dependent. <i>Nature</i> , 2008, 455, E3-E4.	27.8	33

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109	Fast teleconnections to the tropical Atlantic sector from Atlantic thermohaline adjustment. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	91
110	Adjustment of the global climate to an abrupt slowdown of the Atlantic meridional overturning circulation. <i>Geophysical Monograph Series</i> , 2007, , 295-313.	0.1	39
111	Rates of thermohaline recovery from freshwater pulses in modern, Last Glacial Maximum, and greenhouse warming climates. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	45
112	Summer landfast sea ice desalination at Point Barrow, Alaska: Modeling and observations. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	56
113	Antarctic temperatures over the past two centuries from ice cores. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	88
114	Modeling the salinity profile of undeformed Arctic sea ice. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	31
115	CCSMâ€™CAM3 Climate Simulation Sensitivity to Changes in Horizontal Resolution. <i>Journal of Climate</i> , 2006, 19, 2267-2289.	3.2	105
116	Future abrupt reductions in the summer Arctic sea ice. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	544
117	The Influence of Sea Ice on Ocean Heat Uptake in Response to Increasing CO ₂ . <i>Journal of Climate</i> , 2006, 19, 2437-2450.	3.2	117
118	Atmospheric Circulation and Its Effect on Arctic Sea Ice in CCSM3 Simulations at Medium and High Resolution*. <i>Journal of Climate</i> , 2006, 19, 2415-2436.	3.2	69
119	Influence of the Sea Ice Thickness Distribution on Polar Climate in CCSM3. <i>Journal of Climate</i> , 2006, 19, 2398-2414.	3.2	168
120	The Formulation and Atmospheric Simulation of the Community Atmosphere Model Version 3 (CAM3). <i>Journal of Climate</i> , 2006, 19, 2144-2161.	3.2	895
121	The Community Climate System Model Version 3 (CCSM3). <i>Journal of Climate</i> , 2006, 19, 2122-2143.	3.2	2,075
122	Maintenance of the Sea-Ice Edge. <i>Journal of Climate</i> , 2005, 18, 2903-2921.	3.2	120
123	Mechanisms Forcing an Antarctic Dipole in Simulated Sea Ice and Surface Ocean Conditions. <i>Journal of Climate</i> , 2005, 18, 2052-2066.	3.2	36
124	Influence of high latitude ice cover on the marine Intertropical Convergence Zone. <i>Climate Dynamics</i> , 2005, 25, 477-496.	3.8	687
125	On the sensitivity of undeformed Arctic sea ice to its vertical salinity profile. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	29
126	Iceâ€™ocean boundary conditions for coupled models. <i>Ocean Modelling</i> , 2004, 7, 59-74.	2.4	59

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127	A Mechanism for the High Rate of Sea Ice Thinning in the Arctic Ocean. <i>Journal of Climate</i> , 2004, 17, 3623-3632.	3.2	140
128	Polar amplification of climate change in coupled models. <i>Climate Dynamics</i> , 2003, 21, 221-232.	3.8	1,002
129	Sea Ice Response to Wind Forcing from AMIP Models. <i>Journal of Climate</i> , 2002, 15, 522-536.	3.2	54
130	Dynamics of Recent Climate Change in the Arctic. <i>Science</i> , 2002, 297, 1497-1502.	12.6	327
131	Parameterization Improvements in an Eddy-Permitting Ocean Model for Climate. <i>Journal of Climate</i> , 2002, 15, 1447-1459.	3.2	14
132	The influence of sea ice physics on simulations of climate change. <i>Journal of Geophysical Research</i> , 2001, 106, 19639-19655.	3.3	35
133	The UVic earth system climate model: Model description, climatology, and applications to past, present and future climates. <i>Atmosphere - Ocean</i> , 2001, 39, 361-428.	1.6	604
134	The Role of Ice-Ocean Interactions in the Variability of the North Atlantic Thermohaline Circulation. <i>Journal of Climate</i> , 2001, 14, 656-675.	3.2	140
135	Simulating the ice-thickness distribution in a coupled climate model. <i>Journal of Geophysical Research</i> , 2001, 106, 2441-2463.	3.3	273
136	Interhemispheric Effects of Interannual and Decadal ENSO-Like Climate Variations on the Americas. , 2001, , 1-16.		59
137	Interannual to Decadal Variability in Climate and the Glacier Mass Balance in Washington, Western Canada, and Alaska*. <i>Journal of Climate</i> , 1999, 12, 3181-3196.	3.2	149
138	An energy-conserving thermodynamic model of sea ice. <i>Journal of Geophysical Research</i> , 1999, 104, 15669-15677.	3.3	414
139	THERMOHALINE CIRCULATION: High-Latitude Phenomena and the Difference Between the Pacific and Atlantic. <i>Annual Review of Earth and Planetary Sciences</i> , 1999, 27, 231-285.	11.0	110
140	Do General Circulation Models Underestimate the Natural Variability in the Arctic Climate?. <i>Journal of Climate</i> , 1997, 10, 1909-1920.	3.2	29
141	Low-Frequency Variability in the Arctic Atmosphere, Sea Ice, and Upper-Ocean Climate System. <i>Journal of Climate</i> , 1996, 9, 394-408.	3.2	71
142	The University of Washington polarized ion source. <i>Review of Scientific Instruments</i> , 1990, 61, 445-447.	1.3	1
143	Recent Trends in Arctic Sea Ice and the Evolving Role of Atmospheric Circulation Forcing, 1979-2007. <i>Geophysical Monograph Series</i> , 0, , 7-26.	0.1	16
144	Arctic Cloud Properties and Radiative Forcing from Observations and their Role in Sea Ice Decline Predicted by the NCAR CCSM3 Model During the 21st Century. <i>Geophysical Monograph Series</i> , 0, , 47-62.	0.1	8

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145	Analysis of Arctic Sea Ice Anomalies in a Coupled Model Control Simulation. Geophysical Monograph Series, 0, , 187-211.	0.1	2
146	Some Aspects of Uncertainty in Predicting Sea Ice Thinning. Geophysical Monograph Series, 0, , 63-76.	0.1	19
147	Multiple Equilibria and Abrupt Transitions in Arctic Summer Sea Ice Extent. Geophysical Monograph Series, 0, , 151-174.	0.1	14
148	The Atmospheric Response to Realistic Reduced Summer Arctic Sea Ice Anomalies. Geophysical Monograph Series, 0, , 91-110.	0.1	26
149	The Role of Natural Versus Forced Change in Future Rapid Summer Arctic Ice Loss. Geophysical Monograph Series, 0, , 133-150.	0.1	34
150	A Bayesian Network Modeling Approach to Forecasting the 21st Century Worldwide Status of Polar Bears. Geophysical Monograph Series, 0, , 213-268.	0.1	83
151	Sea Ice-Albedo Feedback and Nonlinear Arctic Climate Change. Geophysical Monograph Series, 0, , 111-131.	0.1	32