Ed Blanchard-Wrigglesworth

List of Publications by Year
in descending order

35 papers	1,619 citations	279798 23 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	2019 citing authors

#	Article	IF	Citations
1	Less Surface Sea Ice Melt in the CESM2 Improves Arctic Sea Ice Simulation With Minimal Nonâ€Polar Climate Impacts. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	9
2	Observed Winds Crucial for September Arctic Sea Ice Loss. Geophysical Research Letters, 2022, 49, .	4.0	8
3	Asymmetry in the seasonal cycle of Antarctic sea ice driven by insolation. Nature Geoscience, 2022, 15, 277-281.	12.9	8
4	Impact of Winds and Southern Ocean SSTs on Antarctic Sea Ice Trends and Variability. Journal of Climate, 2021, 34, 949-965.	3.2	38
5	The Scientific Legacy of NASAâ€™s Operation IceBridge. Reviews of Geophysics, 2021, 59, e2020RG000712.	23.0	49
6	Highâ€Frequency Sea Ice Variability in Observations and Models. Geophysical Research Letters, 2021, 48, e2020GL092356.	4.0	5
7	The influence of ENSO on Arctic sea ice in large ensembles and observations. Journal of Climate, 2021, , 1-50.	3.2	8
8	Assessment of Satellite and Reanalysis Cold Season Snowfall Estimates Over Arctic Sea Ice. Geophysical Research Letters, 2020, 47, e2020GL088970.	4.0	5
9	A Mechanism for the Arctic Sea Ice Spring Predictability Barrier. Geophysical Research Letters, 2020, 47, e2020GL088335.	4.0	29
10	Arctic Seaâ€Ice Variability During the Instrumental Era. Geophysical Research Letters, 2020, 47, e2019GL086843.	4.0	32
11	Nonstationary Teleconnection Between the Pacific Ocean and Arctic Sea Ice. Geophysical Research Letters, 2020, 47, e2019GL085666.	4.0	24
12	Observing Waves in Sea Ice With ICESatâ€2. Geophysical Research Letters, 2020, 47, e2020GL087629.	4.0	35
13	The Effect of Atmospheric Transmissivity on Model and Observational Estimates of the Sea Ice Albedo Feedback. Journal of Climate, 2020, 33, 5743-5765.	3.2	10
14	Tropical and Midlatitude Impact on Seasonal Polar Predictability in the Community Earth System Model. Journal of Climate, 2019, 32, 5997-6014.	3.2	7
15	A Yearâ€Round Subseasonalâ€toâ€Seasonal Sea Ice Prediction Portal. Geophysical Research Letters, 2019, 46, 3298-3307.	4.0	28
16	Robustness of Arctic sea-ice predictability in GCMs. Climate Dynamics, 2019, 52, 5555-5566.	3.8	11
17	Reconstruction of Snow on Arctic Sea Ice. Journal of Geophysical Research: Oceans, 2018, 123, 3588-3602.	2.6	33
18	Processes Controlling Arctic and Antarctic Sea Ice Predictability in the Community Earth System Model. Journal of Climate, 2018, 31, 9771-9786.	3.2	18

#	Article	IF	Citations
19	Influence of Atmospheric Rivers on Mountain Snowpack in the Western United States. Journal of Climate, 2018, 31, 9921-9940.	3.2	31
20	Arctic sea-ice change tied to its mean state through thermodynamic processes. Nature Climate Change, 2018, 8, 599-603.	18.8	68
21	Multi-model seasonal forecast of Arctic sea-ice: forecast uncertainty at pan-Arctic and regional scales. Climate Dynamics, 2017, 49, 1399-1410.	3.8	41
22	A review on Arctic seaâ€ice predictability and prediction on seasonal to decadal timeâ€scales. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 546-561.	2.7	177
23	Diagnostic sea ice predictability in the panâ€Arctic and U.S. Arctic regional seas. Geophysical Research Letters, 2016, 43, 11,688.	4.0	13
24	Skill metrics for evaluation and comparison of sea ice models. Journal of Geophysical Research: Oceans, 2015, 120, 5910-5931.	2.6	26
25	Snow cover on Arctic sea ice in observations and an Earth System Model. Geophysical Research Letters, 2015, 42, 10,342.	4.0	25
26	Model forecast skill and sensitivity to initial conditions in the seasonal Sea Ice Outlook. Geophysical Research Letters, 2015, 42, 8042-8048.	4.0	54
27	Improving Predictions of Arctic Sea Ice Extent. Eos, 2015, 96, .	0.1	23
28	Characteristics of Arctic Sea-Ice Thickness Variability in GCMs. Journal of Climate, 2014, 27, 8244-8258.	3.2	51
29	Predicting September sea ice: Ensemble skill of the SEARCH Sea Ice Outlook 2008-2013. Geophysical Research Letters, 2014, 41, 2411-2418.	4.0	154
30	Initialâ€value predictability of Antarctic sea ice in the Community Climate System Model 3. Geophysical Research Letters, 2013, 40, 2121-2124.	4.0	64
31	The Influence of Local Feedbacks and Northward Heat Transport on the Equilibrium Arctic Climate Response to Increased Greenhouse Gas Forcing. Journal of Climate, 2012, 25, 5433-5450.	3.2	133
32	The reversibility of sea ice loss in a state-of-the-art climate model. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	75
33	Influence of initial conditions and climate forcing on predicting Arctic sea ice. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	105
34	Persistence and Inherent Predictability of Arctic Sea Ice in a GCM Ensemble and Observations. Journal of Climate, 2011, 24, 231-250.	3.2	218
35	The 1997 veranillo of San Miguel in north-eastern Spain. Weather, 1999, 54, 114-119.	0.7	0