

Ed Blanchard-Wrigglesworth

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3644533/publications.pdf>

Version: 2024-02-01

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	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
2	A review on Arctic sea-ice predictability and prediction on seasonal to decadal time-scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 546-561.	2.7	177
3	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
4	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
5	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
6	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
7	Arctic sea-ice change tied to its mean state through thermodynamic processes. <i>Nature Climate Change</i> , 2018, 8, 599-603.	18.8	68
8	Initial-value predictability of Antarctic sea ice in the Community Climate System Model 3. <i>Geophysical Research Letters</i> , 2013, 40, 2121-2124.	4.0	64
9	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
10	Characteristics of Arctic Sea-Ice Thickness Variability in GCMs. <i>Journal of Climate</i> , 2014, 27, 8244-8258.	3.2	51
11	The Scientific Legacy of NASA's Operation IceBridge. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000712.	23.0	49
12	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
13	Impact of Winds and Southern Ocean SSTs on Antarctic Sea Ice Trends and Variability. <i>Journal of Climate</i> , 2021, 34, 949-965.	3.2	38
14	Observing Waves in Sea Ice With ICESat-2. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087629.	4.0	35
15	Reconstruction of Snow on Arctic Sea Ice. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3588-3602.	2.6	33
16	Arctic Sea-ice Variability During the Instrumental Era. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086843.	4.0	32
17	Influence of Atmospheric Rivers on Mountain Snowpack in the Western United States. <i>Journal of Climate</i> , 2018, 31, 9921-9940.	3.2	31
18	A Mechanism for the Arctic Sea Ice Spring Predictability Barrier. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088335.	4.0	29

#	ARTICLE	IF	CITATIONS
19	A Year-Round Subseasonal-to-Seasonal Sea Ice Prediction Portal. <i>Geophysical Research Letters</i> , 2019, 46, 3298-3307.	4.0	28
20	Skill metrics for evaluation and comparison of sea ice models. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 5910-5931.	2.6	26
21	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
22	Nonstationary Teleconnection Between the Pacific Ocean and Arctic Sea Ice. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085666.	4.0	24
23	Improving Predictions of Arctic Sea Ice Extent. <i>Eos</i> , 2015, 96, .	0.1	23
24	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
25	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
26	Robustness of Arctic sea-ice predictability in GCMs. <i>Climate Dynamics</i> , 2019, 52, 5555-5566.	3.8	11
27	The Effect of Atmospheric Transmissivity on Model and Observational Estimates of the Sea Ice Albedo Feedback. <i>Journal of Climate</i> , 2020, 33, 5743-5765.	3.2	10
28	Less Surface Sea Ice Melt in the CESM2 Improves Arctic Sea Ice Simulation With Minimal Non-Polar Climate Impacts. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	3.8	9
29	The influence of ENSO on Arctic sea ice in large ensembles and observations. <i>Journal of Climate</i> , 2021, , 1-50.	3.2	8
30	Observed Winds Crucial for September Arctic Sea Ice Loss. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
31	Asymmetry in the seasonal cycle of Antarctic sea ice driven by insolation. <i>Nature Geoscience</i> , 2022, 15, 277-281.	12.9	8
32	Tropical and Midlatitude Impact on Seasonal Polar Predictability in the Community Earth System Model. <i>Journal of Climate</i> , 2019, 32, 5997-6014.	3.2	7
33	Assessment of Satellite and Reanalysis Cold Season Snowfall Estimates Over Arctic Sea Ice. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088970.	4.0	5
34	High-Frequency Sea Ice Variability in Observations and Models. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092356.	4.0	5
35	The 1997 veranillo of San Miguel in north-eastern Spain. <i>Weather</i> , 1999, 54, 114-119.	0.7	0