

Xiaojun Yuan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5520761/publications.pdf>

Version: 2024-02-01

38
papers

3,011
citations

257450

24
h-index

330143

37
g-index

43
all docs

43
docs citations

43
times ranked

3145
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in Antarctic annual sea ice retreat and advance and their relation to El Niño–Southern Oscillation and Southern Annular Mode variability. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	615
2	ENSO-related impacts on Antarctic sea ice: a synthesis of phenomenon and mechanisms. <i>Antarctic Science</i> , 2004, 16, 415-425.	0.9	343
3	Antarctic Sea Ice Extent Variability and Its Global Connectivity*. <i>Journal of Climate</i> , 2000, 13, 1697-1717.	3.2	293
4	The Antarctic dipole and its predictability. <i>Geophysical Research Letters</i> , 2001, 28, 3609-3612.	4.0	191
5	Climate modes in southern high latitudes and their impacts on Antarctic sea ice. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	149
6	Persistence of North Pacific Sea Surface Temperature and Atmospheric Flow Patterns. <i>Journal of Climate</i> , 1988, 1, 682-703.	3.2	137
7	Inflow of Warm Circumpolar Deep Water in the Central Amundsen Shelf*. <i>Journal of Physical Oceanography</i> , 2010, 40, 1427-1434.	1.7	111
8	The subarctic frontal zone in the North Pacific: Characteristics of frontal structure from climatological data and synoptic surveys. <i>Journal of Geophysical Research</i> , 1996, 101, 16491-16508.	3.3	95
9	Dynamical Link between the Barents–Kara Sea Ice and the Arctic Oscillation. <i>Journal of Climate</i> , 2016, 29, 5103-5122.	3.2	92
10	The Interconnected Global Climate System—A Review of Tropical–Polar Teleconnections. <i>Journal of Climate</i> , 2018, 31, 5765-5792.	3.2	86
11	Mechanism study of the ENSO and southern high latitude climate teleconnections. <i>Geophysical Research Letters</i> , 2002, 29, 24-1-24-4.	4.0	85
12	Tropical teleconnection impacts on Antarctic climate changes. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 680-698.	29.7	85
13	Shallow Salinity Minima in the North Pacific. <i>Journal of Physical Oceanography</i> , 1992, 22, 1302-1316.	1.7	73
14	Predicting Summer Arctic Sea Ice Concentration Intraseasonal Variability Using a Vector Autoregressive Model*. <i>Journal of Climate</i> , 2016, 29, 1529-1543.	3.2	60
15	High-wind-speed evaluation in the Southern Ocean. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	58
16	The Influence of the Indian Ocean Dipole on Antarctic Sea Ice*. <i>Journal of Climate</i> , 2015, 28, 2682-2690.	3.2	48
17	Decadal variability in the Southern Hemisphere. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	43
18	A Markov Model for Seasonal Forecast of Antarctic Sea Ice*. <i>Journal of Climate</i> , 2004, 17, 3156-3168.	3.2	42

#	ARTICLE	IF	CITATIONS
19	Boreal spring Southern Hemisphere Annular Mode, Indian Ocean sea surface temperature, and East Asian summer monsoon. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	42
20	Satellite-based midlatitude cyclone statistics over the Southern Ocean: 2. Tracks and surface fluxes. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	39
21	Arctic Sea Ice Seasonal Prediction by a Linear Markov Model. <i>Journal of Climate</i> , 2016, 29, 8151-8173.	3.2	35
22	Effect of air-sea-ice interaction on winter 1996 Southern Ocean subpolar storm distribution. <i>Journal of Geophysical Research</i> , 1999, 104, 1991-2007.	3.3	33
23	Sensitivity of sea ice to physical parameterizations in the GISS global climate model. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	33
24	Satellite-based midlatitude cyclone statistics over the Southern Ocean: 1. Scatterometer-derived pressure fields and storm tracking. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	31
25	Climate impact on interannual variability of Weddell Sea Bottom Water. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
26	Cycling around the South Pole. <i>Nature</i> , 1996, 380, 673-674.	27.8	20
27	Evaluating Antarctic sea ice variability and its teleconnections in global climate models. <i>International Journal of Climatology</i> , 2002, 22, 885-900.	3.5	20
28	The Early Winter Sea Ice Variability under the Recent Arctic Climate Shift. <i>Journal of Climate</i> , 2014, 27, 5092-5110.	3.2	19
29	Upper ocean thermohaline structure and its temporal variability in the southeast Indian Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 333-347.	1.4	17
30	Climate patterns and phytoplankton dynamics in Antarctic latent heat polynyas. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	17
31	Subseasonal forecast of Arctic sea ice concentration via statistical approaches. <i>Climate Dynamics</i> , 2019, 52, 4953-4971.	3.8	16
32	Trends and spatial variation in rain-on-snow events over the Arctic Ocean during the early melt season. <i>Cryosphere</i> , 2021, 15, 883-895.	3.9	15
33	Data-Adaptive Harmonic Decomposition and Stochastic Modeling of Arctic Sea Ice. , 2018, , 179-205.		11
34	The Contributions of Winter Cloud Anomalies in 2011 to the Summer Sea Ice Rebound in 2012 in the Antarctic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3435-3447.	3.3	10
35	Prediction of northern summer low-frequency circulation using a high-order vector auto-regressive model. <i>Climate Dynamics</i> , 2016, 46, 693-709.	3.8	8
36	Reassessing seasonal sea ice predictability of the Pacific-Arctic sector using a Markov model. <i>Cryosphere</i> , 2022, 16, 1141-1156.	3.9	5

#	ARTICLE	IF	CITATIONS
37	Re-evaluating Antarctic sea-ice variability and its teleconnections in a GISS global climate model with improved sea ice and ocean processes. <i>International Journal of Climatology</i> , 2004, 24, 841-852.	3.5	2
38	Coupled mode of cloud, atmospheric circulation, and sea ice controlled by wave-3 pattern in Antarctic winter. <i>Environmental Research Letters</i> , 2022, 17, 044053.	5.2	2