

Irina A Rudeva

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,628
citations

471509

17
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	The sensitivity of characteristics of cyclone activity to identification procedures in tracking algorithms. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 24961.	1.7	29
2	A comparison of tracking methods for extreme cyclones in the Arctic basin. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 25252.	1.7	52
3	Subantarctic cyclones identified by 14 tracking methods, and their role for moisture transports into the continent. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 70, 1454808.	1.7	43
4	Variability and changes to the mean meridional circulation in isentropic coordinates. <i>Climate Dynamics</i> , 2022, 58, 257-276.	3.8	8
5	Rainfall Stable Water Isotope Variability in Coastal Southwestern Western Australia and Its Relationship to Climate on Multiple Timescales. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	4
6	Antarctic Peninsula warm winters influenced by Tasman Sea temperatures. <i>Nature Communications</i> , 2021, 12, 1497.	12.8	28
7	A Mediterranean cold front identification scheme combining wind and thermal criteria. <i>International Journal of Climatology</i> , 2021, 41, 6497-6510.	3.5	4
8	Midlatitude Winter Extreme Temperature Events and Connections with Anomalies in the Arctic and Tropics. <i>Journal of Climate</i> , 2021, 34, 3733-3749.	3.2	46
9	The contributions of fronts, lows and thunderstorms to southern Australian rainfall. <i>Climate Dynamics</i> , 2020, 55, 1489-1505.	3.8	37
10	Sub-synoptic scale features associated with extreme surface gusts during the South Australia Storm of September 2016 – Part I: characteristics of the event. <i>Weather</i> , 2019, 74, 278-285.	0.7	2
11	Observed Relationships Between Sudden Stratospheric Warmings and European Climate Extremes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13943-13961.	3.3	59
12	Midlatitude Fronts and Variability in the Southern Hemisphere Tropical Width. <i>Journal of Climate</i> , 2019, 32, 8243-8260.	3.2	31
13	Variability and Trends of Global Atmospheric Frontal Activity and Links with Large-Scale Modes of Variability. <i>Journal of Climate</i> , 2015, 28, 3311-3330.	3.2	78
14	Reconstructing Sea Level Pressure Variability via a Feature Tracking Approach. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 487-506.	1.7	4
15	Global Relationship between Fronts and Warm Conveyor Belts and the Impact on Extreme Precipitation*. <i>Journal of Climate</i> , 2015, 28, 8411-8429.	3.2	49
16	Extratropical fronts in the lower troposphere – global perspectives obtained from two automated methods. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1686-1698.	2.7	80
17	The Role of Extratropical Cyclones and Fronts for Southern Ocean Freshwater Fluxes. <i>Journal of Climate</i> , 2014, 27, 6205-6224.	3.2	69
18	Seasonal Aspects of an Objective Climatology of Anticyclones Affecting the Mediterranean. <i>Journal of Climate</i> , 2014, 27, 9272-9289.	3.2	24

#	ARTICLE	IF	CITATIONS
19	IMILAST: A Community Effort to Intercompare Extratropical Cyclone Detection and Tracking Algorithms. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 529-547.	3.3	391
20	Comparing Cyclone Life Cycle Characteristics and Their Interannual Variability in Different Reanalyses. <i>Journal of Climate</i> , 2013, 26, 6419-6438.	3.2	105
21	Are Greenhouse Gas Signals of Northern Hemisphere winter extra-tropical cyclone activity dependent on the identification and tracking algorithm?. <i>Meteorologische Zeitschrift</i> , 2013, 22, 61-68.	1.0	77
22	The great Arctic cyclone of August 2012. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	193
23	Composite Analysis of North Atlantic Extratropical Cyclones in NCEP–NCAR Reanalysis Data. <i>Monthly Weather Review</i> , 2011, 139, 1419-1446.	1.4	89
24	Intraseasonal non-stationarity of the leading modes of atmospheric moisture over Europe during summer. <i>Climate Dynamics</i> , 2011, 36, 83-95.	3.8	3
25	On the relation of the number of extratropical cyclones to their sizes. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2008, 44, 273-278.	0.9	8
26	Climatology of Cyclone Size Characteristics and Their Changes during the Cyclone Life Cycle. <i>Monthly Weather Review</i> , 2007, 135, 2568-2587.	1.4	114