Irina A Rudeva

List of Publications by Year
in descending order

26	1,628	471509 17	552781 26
papers	citations	h-index	g-index

36	36	36	1737
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IMILAST: A Community Effort to Intercompare Extratropical Cyclone Detection and Tracking Algorithms. Bulletin of the American Meteorological Society, 2013, 94, 529-547.	3.3	391
2	The great Arctic cyclone of August 2012. Geophysical Research Letters, 2012, 39, .	4.0	193
3	Climatology of Cyclone Size Characteristics and Their Changes during the Cyclone Life Cycle. Monthly Weather Review, 2007, 135, 2568-2587.	1.4	114
4	Comparing Cyclone Life Cycle Characteristics and Their Interannual Variability in Different Reanalyses. Journal of Climate, 2013, 26, 6419-6438.	3.2	105
5	Composite Analysis of North Atlantic Extratropical Cyclones in NCEPâ€“NCAR Reanalysis Data. Monthly Weather Review, 2011, 139, 1419-1446.	1.4	89
6	Extratropical fronts in the lower troposphereâ€“global perspectives obtained from two automated methods. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 1686-1698.	2.7	80
7	Variability and Trends of Global Atmospheric Frontal Activity and Links with Large-Scale Modes of Variability. Journal of Climate, 2015, 28, 3311-3330.	3.2	78
8	Are Greenhouse Gas Signals of Northern Hemisphere winter extra-tropical cyclone activity dependent on the identification and tracking algorithm?. Meteorologische Zeitschrift, 2013, 22, 61-68.	1.0	77
9	The Role of Extratropical Cyclones and Fronts for Southern Ocean Freshwater Fluxes. Journal of Climate, 2014, 27, 6205-6224.	3.2	69
10	Observed Relationships Between Sudden Stratospheric Warmings and European Climate Extremes. Journal of Geophysical Research D: Atmospheres, 2019, 124, 13943-13961.	3.3	59
11	A comparison of tracking methods for extreme cyclones in the Arctic basin. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 66, 25252.	1.7	52
12	Global Relationship between Fronts and Warm Conveyor Belts and the Impact on Extreme Precipitation*. Journal of Climate, 2015, 28, 8411-8429.	3.2	49
13	Midlatitude Winter Extreme Temperature Events and Connections with Anomalies in the Arctic and Tropics. Journal of Climate, 2021, 34, 3733-3749.	3.2	46
14	Subantarctic cyclones identified by 14 tracking methods, and their role for moisture transports into the continent. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 70, 1454808.	1.7	43
15	The contributions of fronts, lows and thunderstorms to southern Australian rainfall. Climate Dynamics, 2020, 55, 1489-1505.	3.8	37
16	Midlatitude Fronts and Variability in the Southern Hemisphere Tropical Width. Journal of Climate, 2019, 32, 8243-8260.	3.2	31
17	The sensitivity of characteristics of cyclone activity to identification procedures in tracking algorithms. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 66, 24961.	1.7	29
18	Antarctic Peninsula warm winters influenced by Tasman Sea temperatures. Nature Communications, 2021, 12, 1497.	12.8	28

#	Article	IF	Citations
19	Seasonal Aspects of an Objective Climatology of Anticyclones Affecting the Mediterranean. Journal of Climate, 2014, 27, 9272-9289.	3.2	24
20	On the relation of the number of extratropical cyclones to their sizes. Izvestiya - Atmospheric and Oceanic Physics, 2008, 44, 273-278.	0.9	8
21	Variability and changes to the mean meridional circulation in isentropic coordinates. Climate Dynamics, 2022, 58, 257-276.	3.8	8
22	Reconstructing Sea Level Pressure Variability via a Feature Tracking Approach. Journals of the Atmospheric Sciences, 2015, 72, 487-506.	1.7	4
23	A Mediterranean cold front identification scheme combining wind and thermal criteria. International Journal of Climatology, 2021, 41, 6497-6510.	3.5	4
24	Rainfall Stable Water Isotope Variability in Coastal Southwestern Western Australia and Its Relationship to Climate on Multiple Timescales. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	4
25	Intraseasonal non-stationarity of the leading modes of atmospheric moisture over Europe during summer. Climate Dynamics, 2011, 36, 83-95.	3.8	3
26	Subâ€synoptic scale features associated with extreme surface gusts during the South Australia Storm of September 2016 â€“ Part I: characteristics of the event. Weather, 2019, 74, 278-285.	0.7	2