

The ERA-Interim reanalysis: configuration and perfor

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Interaction of katabatic winds and near-surface temperatures in the Antarctic. Journal of Geophysical Research, 2011, 116, .	3.3	32
2	Modeling the water isotopes in Greenland precipitation 1959–2001 with the meso-scale model REMO-iso. Journal of Geophysical Research, 2011, 116, .	3.3	58
3	Land–atmosphere coupling associated with snow cover. Geophysical Research Letters, 2011, 38, .	1.5	48
4	Systematic InSAR tropospheric phase delay corrections from global meteorological reanalysis data. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	269
5	Ultra-low clouds over the southern West African monsoon region. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	63
6	Stratospheric variability and tropospheric annular-mode timescales. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	50
7	On the surface wind speed probability density function over complex terrain. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	13
8	Cold months in a warming climate. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	16
9	Winter floods in Britain are connected to atmospheric rivers. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	291
10	Origin of the Arctic warming in climate models. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	27
11	Daily covariations in near-surface relative humidity and temperature over the ocean. Journal of Geophysical Research, 2011, 116, .	3.3	21
12	Improved predictability of the troposphere using stratospheric final warmings. Journal of Geophysical Research, 2011, 116, .	3.3	70
13	The vertical cloud structure of the West African monsoon: A 4 year climatology using CloudSat and CALIPSO. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	51
14	Frozen-in anticyclones occurring in polar Northern Hemisphere during springtime: Characterization, occurrence and link with quasi-biennial oscillation. Journal of Geophysical Research, 2011, 116, .	3.3	11
15	Comparison of MISR and Meteosat-9 cloud-motion vectors. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	12
16	Snow cover sensitivity to horizontal resolution, parameterizations, and atmospheric forcing in a land surface model. Journal of Geophysical Research, 2011, 116, .	3.3	41
17	Changes in water vapor transports of the ascending branch of the tropical circulation. Journal of Geophysical Research, 2011, 116, .	3.3	24
18	MERRA: NASA’s Modern-Era Retrospective Analysis for Research and Applications. Journal of Climate, 2011, 24, 3624-3648.	1.2	4,118

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20	Cloud variations and the Earth's energy budget. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	26
21	High-resolution refinement of a storm loss model and estimation of return periods of loss-intensive storms over Germany. <i>Natural Hazards and Earth System Sciences</i> , 2011, 11, 2821-2833.	1.5	50
22	The effects of atmospheric waves on the amounts of polar stratospheric clouds. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 11535-11552.	1.9	19
23	A Lagrangian view of convective sources for transport of air across the Tropical Tropopause Layer: distribution, times and the radiative influence of clouds. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12517-12534.	1.9	38
24	Improved modeling of sea level patterns by incorporating self-attraction and loading. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22
25	Role of medium-scale waves on the Southern Annular Mode. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	5
26	Association of double tropopause events with baroclinic waves. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
27	Solar response in tropical stratospheric ozone: a 3-D chemical transport model study using ERA reanalyses. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12773-12786.	1.9	27
28	Atmospheric conservation properties in ERA-Interim. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2011, 137, 1381-1399.	1.0	310
29	Combining satellite data and models to estimate cloud radiative effect at the surface and in the atmosphere. <i>Meteorological Applications</i> , 2011, 18, 324-333.	0.9	97
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34	Atmospheric Moisture Transports from Ocean to Land and Global Energy Flows in Reanalyses. <i>Journal of Climate</i> , 2011, 24, 4907-4924.	1.2	459
35	Sensitivity studies for a space-based methane lidar mission. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 2195-2211.	1.2	84
36	An assessment of differences in lower stratospheric temperature records from (A)MSU, radiosondes, and GPS radio occultation. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 1965-1977.	1.2	28
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41	The Unusual Behavior and Precipitation Pattern Associated with Tropical Storm Ignacio (1997). <i>Monthly Weather Review</i> , 2012, 140, 3347-3360.	0.5	4
42	CRISTA-NF measurements with unprecedented vertical resolution during the RECONCILE aircraft campaign. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1173-1191.	1.2	32
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47	Sensitivity of Western Boundary Transport at the Mean North Equatorial Current Bifurcation Latitude to Wind Forcing. <i>Journal of Physical Oceanography</i> , 2012, 42, 2056-2072.	0.7	19
49	Global Ocean Surface Wave Simulation Using a Coupled Atmosphere-Wave Model. <i>Journal of Climate</i> , 2012, 25, 6233-6252.	1.2	94
50	An Examination of Tropical Cyclone Position, Intensity, and Intensity Life Cycle within Atmospheric Reanalysis Datasets. <i>Journal of Climate</i> , 2012, 25, 3453-3475.	1.2	132
51	A Comparison of Decadal-to-Interdecadal Variability and Trend in Reanalysis Datasets Using Atmospheric Angular Momentum. <i>Journal of Climate</i> , 2012, 25, 4750-4758.	1.2	15
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59	Influences of Precipitation on Water Mass Transformation and Deep Convection. <i>Journal of Physical Oceanography</i> , 2012, 42, 1684-1700.	0.7	21
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68	High-Resolution Monthly Rainfall Database for Ethiopia: Homogenization, Reconstruction, and Gridding. <i>Journal of Climate</i> , 2012, 25, 8422-8443.	1.2	76
70	Mechanisms of Arctic Surface Air Temperature Change in Response to the Madden-Julian Oscillation. <i>Journal of Climate</i> , 2012, 25, 5777-5790.	1.2	129
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77	Climatology of Total Cloudiness in the Arctic: An Intercomparison of Observations and Reanalyses. <i>Advances in Meteorology</i> , 2012, 2012, 1-15.	0.6	56
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95	A Tale of Two Climbers: Hypothermia, Death, and Survival on Mount Everest. <i>High Altitude Medicine and Biology</i> , 2012, 13, 51-56.	0.5	10
96	Meteorological Model Evaluation for CalNex 2010. <i>Monthly Weather Review</i> , 2012, 140, 3885-3906.	0.5	70
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142	Aerosol optical depth over the Arctic: a comparison of ECHAM-HAM and TM5 with ground-based, satellite and reanalysis data. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 6953-6967.	1.9	25



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160	Decadal variability and a recent amplification of the summer Beaufort Sea High. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	54

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162	Local and remote controls on observed Arctic warming. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	264
163	Validation of atmospheric reanalyses over the central Arctic Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	200
164	WRF evaluation exercise using open sea in situ measurements. <i>International Journal of Environment and Pollution</i> , 2012, 50, 151.	0.2	3
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167	A Reconciled Estimate of Ice-Sheet Mass Balance. <i>Science</i> , 2012, 338, 1183-1189.	6.0	1,246
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1946	Biases in regional carbon budgets from covariation of surface fluxes and weather in transport model inversions. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1571-1585.	1.9	4
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2045	The near-global mesospheric potassium layer: Observations and modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7975-7987.	1.2	15
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17744	Hydroclimate and ENSO Variability Recorded by Oxygen Isotopes From Tree Rings in the South American Altiplano. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	10
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17746	A Multivariate Index for Tropical Intraseasonal Oscillations Based on the Seasonally Varying Modal Structures. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	5
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17749	Revisiting the Role of the Water Vapor and Lapse Rate Feedbacks in the Arctic Amplification of Climate Change. <i>Journal of Climate</i> , 2022, 35, 2975-2988.	1.2	6
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17755	Lateral terrestrial water fluxes in the LSM of WRF–Hydro: Benefits of a 2D groundwater representation. <i>Hydrological Processes</i> , 2022, 36, .	1.1	8
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17757	A model comparison assessing the importance of lateral groundwater flows at the global scale. <i>Environmental Research Letters</i> , 2022, 17, 044020.	2.2	12
17758	Spatial patterns of atmospheric vapour transport and their connection to drought in New Zealand. <i>International Journal of Climatology</i> , 2022, 42, 5661-5681.	1.5	5
17759	Rapid Increase of Explosive Cyclone Activity over the Midwinter North Pacific in the Late 1980s. <i>Journal of Climate</i> , 2022, 35, 1113-1133.	1.2	6
17760	North Atlantic Cooling is Slowing Down Mass Loss of Icelandic Glaciers. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
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17763	Diagnosing changes in glacier hydrology from physical principles using a hydrological model with snow redistribution, sublimation, firnification and energy balance ablation algorithms. <i>Journal of Hydrology</i> , 2022, 608, 127545.	2.3	19
17764	Comprehensive assessment of RegCM4 towards interannual variability of Indian Summer Monsoon using multi-year simulations. <i>Theoretical and Applied Climatology</i> , 2022, 148, 491.	1.3	3
17765	East Asian summer monsoon precipitation response to variations in upstream westerly wind. <i>Climate Dynamics</i> , 2022, 59, 77-84.	1.7	4
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17779	Sea-level extremes of meteorological origin in the Red Sea. <i>Weather and Climate Extremes</i> , 2022, 35, 100409.	1.6	1



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17804	Effective ENSO amplitude forecasts based on oceanic and atmospheric preconditions. <i>Journal of Climate</i> , 2022, , 1-50.	1.2	0
17805	The Antarctic Marginal Ice Zone and Pack Ice Area in CMEMS GREP Ensemble Reanalysis Product. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	3
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17830	Spatio-temporal distribution of tropospheric water vapour over Arabian Sea and Equatorial Indian Ocean in boreal winter of 2018. <i>Dynamics of Atmospheres and Oceans</i> , 2022, 97, 101285.	0.7	1
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17851	The benefits of coastal adaptation through conservation of foreshore vegetation. <i>Journal of Flood Risk Management</i> , 2022, 15, .	1.6	6
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