

Cristina Lupu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8871116/publications.pdf>

Version: 2024-02-01

11
papers

10,876
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

10042
citing authors

#	ARTICLE	IF	CITATIONS
1	The ERA5 global reanalysis. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 1999-2049.	2.7	10,272
2	An update on the RTTOV fast radiative transfer model (currently at version 12). Geoscientific Model Development, 2018, 11, 2717-2737.	3.6	294
3	The growing impact of satellite observations sensitive to humidity, cloud and precipitation. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 3189-3206.	2.7	120
4	Satellite and In Situ Observations for Advancing Global Earth Surface Modelling: A Review. Remote Sensing, 2018, 10, 2038.	4.0	95
5	The assimilation of Cross-track Infrared Sounder radiances at ECMWF. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 3177-3188.	2.7	45
6	Evaluation of the Impact of Observations on Analyses in 3D- and 4D-Var Based on Information Content. Monthly Weather Review, 2011, 139, 726-737.	1.4	17
7	Assessment of the Impact of Observations on Analyses Derived from Observing System Experiments. Monthly Weather Review, 2012, 140, 245-257.	1.4	11
8	Adjoint-based forecast sensitivity applied to observation error variance tuning. Quarterly Journal of the Royal Meteorological Society, 2015, 141, 3157-3165.	2.7	11
9	A new gas absorption optical depth parameterisation for RTTOV version 13. Geoscientific Model Development, 2021, 14, 2899-2915.	3.6	5
10	Multi-sensor analyses of the skin temperature for the assimilation of satellite radiances in the European Centre for Medium-Range Weather Forecasts (ECMWF) Integrated Forecasting System (IFS). J. Climate, 2016, 29, 1000-1010.	2.6	10
11	Observability of Flow-Dependent Structure Functions for Use in Data Assimilation. Monthly Weather Review, 2011, 139, 713-725.	1.4	2