Marta JaniskovÃ¡

List of Publications by Year
in descending order

11 papers	10,641 citations	1163117 8 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	9693 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	Improved Middle Atmosphere Climate and Forecasts in the ECMWF Model through a Nonorographic Gravity Wave Drag Parameterization. Journal of Climate, 2010, 23, 5905-5926.	3.2	119
3	Simplified and Regular Physical Parameterizations for Incremental Four-Dimensional Variational Assimilation. Monthly Weather Review, 1999, 127, 26-45.	1.4	95
4	Linearized radiation and cloud schemes in the ECMWF model: Development and evaluation. Quarterly Journal of the Royal Meteorological Society, 2002, 128, 1505-1527.	2.7	42
5	Interpreting an evaluation of the ECMWF global model with CloudSat observations: ambiguities due to radar reflectivity forward operator uncertainties. Quarterly Journal of the Royal Meteorological Society, 2012, 138, 2047-2065.	2.7	28
6	Linearized Physics for Data Assimilation at ECMWF. , 2013, , 251-286.		27
7	Experimental 2D-Var assimilation of ARM cloud and precipitation observations. Quarterly Journal of the Royal Meteorological Society, 2006, 132, 1325-1347.	2.7	19
8	Preliminary studies on the variational assimilation of cloudâ€“radiation observations. Quarterly Journal of the Royal Meteorological Society, 2002, 128, 2713-2736.	2.7	15
9	Direct 4Dâ€Var assimilation of spaceâ€borne cloud radar reflectivity and lidar backscatter. Part I: Observation operator and implementation. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 3877-3899.	2.7	10
10	Investigation of the sensitivity of the ECMWF radiation scheme to input parameters using the adjoint technique. Quarterly Journal of the Royal Meteorological Society, 2005, 131, 1975-1995.	2.7	8
11	Direct 4Dâ€Var assimilation of spaceâ€borne cloud radar and lidar observations. Part II: Impact on analysis and subsequent forecast. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 3900-3916.	2.7	6