Mark J Rodwell

List of Publications by Year
in descending order

38 papers	4,810 citations	257450 24 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	4977 citing authors

#	Article	IF	Citations
1	Oceanic forcing of the wintertime North Atlantic Oscillation and European climate. Nature, 1999, 398, 320-323.	27.8	897
2	Monsoons and the dynamics of deserts. Quarterly Journal of the Royal Meteorological Society, 1996, 122, 1385-1404.	2.7	766
3	Subtropical Anticyclones and Summer Monsoons. Journal of Climate, 2001, 14, 3192-3211.	3.2	592
4	Advances in simulating atmospheric variability with the ECMWF model: From synoptic to decadal timeâ€scales. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1337-1351.	2.7	497
5	A Model of the Asian Summer Monsoon. Part I: The Global Scale. Journals of the Atmospheric Sciences, 1995, 52, 1329-1340.	1.7	262
6	Toward Seamless Prediction: Calibration of Climate Change Projections Using Seasonal Forecasts. Bulletin of the American Meteorological Society, 2008, 89, 459-470.	3.3	232
7	Using numerical weather prediction to assess climate models. Quarterly Journal of the Royal Meteorological Society, 2007, 133, 129-146.	2.7	179
8	Daily Mean Sea Level Pressure Reconstructions for the Europeanâ€"North Atlantic Region for the Period 1850â€"2003. Journal of Climate, 2006, 19, 2717-2742.	3.2	165
9	Atlantic airâ€"sea interaction and seasonal predictability. Quarterly Journal of the Royal Meteorological Society, 2002, 128, 1413-1443.	2.7	150
10	Characteristics of Occasional Poor Medium-Range Weather Forecasts for Europe. Bulletin of the American Meteorological Society, 2013, 94, 1393-1405.	3.3	139
11	A Model of the Asian Summer Monsoon.Part II: Cross-Equatorial Flow and PV Behavior. Journals of the Atmospheric Sciences, 1995, 52, 1341-1356.	1.7	111
12	The International Surface Pressure Databank version 2. Geoscience Data Journal, 2015, 2, 31-46.	4.4	102
13	Understanding the local and global impacts of model physics changes: an aerosol example. Quarterly Journal of the Royal Meteorological Society, 2008, 134, 1479-1497.	2.7	93
14	The ECMWF model climate: recent progress through improved physical parametrizations. Quarterly Journal of the Royal Meteorological Society, 2010, 136, 1145-1160.	2.7	77
15	A new equitable score suitable for verifying precipitation in numerical weather prediction. Quarterly Journal of the Royal Meteorological Society, 2010, 136, 1344-1363.	2.7	58
16	Intercomparison of Global Model Precipitation Forecast Skill in 2010/11 Using the SEEPS Score. Monthly Weather Review, 2012, 140, 2720-2733.	1.4	51
17	Medium-Range, Monthly, and Seasonal Prediction for Europe and the Use of Forecast Information. Journal of Climate, 2006, 19, 6025-6046.	3.2	49
18	Understanding the Anomalously Cold European Winter of 2005/06 Using Relaxation Experiments. Monthly Weather Review, 2010, 138, 3157-3174.	1.4	41

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19	Reliability in ensemble data assimilation. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 443-454.	2.7	40
20	On the Predictability of North Atlantic Climate. Geophysical Monograph Series, 2003, , 173-192.	0.1	30
21	A comparison of two numerical weather prediction methods for diagnosing fastâ€physics errors in climate models. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 517-524.	2.7	30
22	The Gauging and Modeling of Rivers in the Sky. Geophysical Research Letters, 2018, 45, 7828-7834.	4.0	30
23	North Atlantic forcing of climate and its uncertainty from a multi-model experiment. Quarterly Journal of the Royal Meteorological Society, 2004, 130, 2013-2032.	2.7	28
24	Flow-Dependent Reliability: A Path to More Skillful Ensemble Forecasts. Bulletin of the American Meteorological Society, 2018, 99, 1015-1026.	3.3	27
25	An assessment of the <scp>SEEPS</scp> and <scp>SEDI</scp> metrics for the verification of 6â€‰<scp>h</scp> forecast precipitation accumulations. Meteorological Applications, 2013, 20, 164-175.	2.1	22
26	Monsoons and the dynamics of deserts. Quarterly Journal of the Royal Meteorological Society, 1996, 122, 1385-1404.	2.7	18
27	Some aspects of systematic error in the ECMWF model. Atmospheric Science Letters, 2005, 6, 133-139.	1.9	17
28	Increased Arctic influence on the midlatitude flow during Scandinavian Blocking episodes. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 3846-3862.	2.7	15
29	Forecast Errors and Uncertainties in Atmospheric Rivers. Weather and Forecasting, 2020, 35, 1447-1458.	1.4	13
30	Observationâ€based evaluation of ensemble reliability. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 506-514.	2.7	12
31	Why Do Modeled and Observed Surface Wind Stress Climatologies Differ in the Trade Wind Regions?. Journal of Climate, 2018, 31, 491-513.	3.2	11
32	Gulf Stream forcing of the winter North Atlantic oscillation. Atmospheric Science Letters, 2003, 5, 57-64.	1.9	10
33	The Role of Continental Mesoscale Convective Systems in Forecast Busts within Global Weather Prediction Systems. Atmosphere, 2019, 10, 681.	2.3	9
34	Atlantic airâ€"sea interaction and seasonal predictability. Quarterly Journal of the Royal Meteorological Society, 2002, 128, 1413-1443.	2.7	8
35	A Forecast Evaluation of Planetary Boundary Layer Height Over the Ocean. Journal of Geophysical Research D: Atmospheres, 2019, 124, 4975-4984.	3.3	7
36	User decisions, and how these could guide developments in probabilistic forecasting. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 3266-3284.	2.7	5

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37	On Peirceâ€™s Motivation for Equitability in Forecast Verification. Monthly Weather Review, 2011, 139, 3667-3669.	1.4	3
38	Leveraging Highly Accurate Data in Diagnosing Errors in Atmospheric Models. Bulletin of the American Meteorological Society, 2014, 95, 1227-1233.	3.3	3