

# Mark P Baldwin

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

3,958  
citations

361388

20  
h-index

713444

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

2570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Propagation of the Arctic Oscillation from the stratosphere to the troposphere. <i>Journal of Geophysical Research</i> , 1999, 104, 30937-30946.	3.3	858
2	Stratospheric influence on tropospheric jet streams, storm tracks and surface weather. <i>Nature Geoscience</i> , 2015, 8, 433-440.	12.9	515
3	Stratospheric Memory and Skill of Extended-Range Weather Forecasts. <i>Science</i> , 2003, 301, 636-640.	12.6	455
4	On the lack of stratospheric dynamical variability in low-top versions of the CMIP5 models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2494-2505.	3.3	268
5	The Influence of Stratospheric Vortex Displacements and Splits on Surface Climate. <i>Journal of Climate</i> , 2013, 26, 2668-2682.	3.2	213
6	Sudden Stratospheric Warmings. <i>Reviews of Geophysics</i> , 2021, 59, .	23.0	204
7	A critical comparison of stratosphere-troposphere coupling indices. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 1661-1672.	2.7	193
8	Stratosphere-Troposphere Coupling in the Southern Hemisphere. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 708-715.	1.7	182
9	The predictability of the extratropical stratosphere on monthly time-scales and its impact on the skill of tropospheric forecasts. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 987-1003.	2.7	162
10	Predictability of the quasi-biennial oscillation and its northern winter teleconnection on seasonal to decadal timescales. <i>Geophysical Research Letters</i> , 2014, 41, 1752-1758.	4.0	124
11	The Role of the Stratosphere in Subseasonal to Seasonal Prediction: 2. Predictability Arising From Stratosphere-Troposphere Coupling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030923.	3.3	119
12	Stratosphere-troposphere coupling and annular mode variability in chemistry-climate models. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	107
13	Climatology of the Stratospheric Polar Vortex and Planetary Wave Breaking. <i>Journals of the Atmospheric Sciences</i> , 1988, 45, 1123-1142.	1.7	99
14	Annular modes in global daily surface pressure. <i>Geophysical Research Letters</i> , 2001, 28, 4115-4118.	4.0	98
15	The Role of the Stratosphere in Subseasonal to Seasonal Prediction: 1. Predictability of the Stratosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD030920.	3.3	78
16	Intraseasonal Effects of El Niño-Southern Oscillation on North Atlantic Climate. <i>Journal of Climate</i> , 2018, 31, 8861-8873.	3.2	70
17	The role of stratosphere-troposphere coupling in the occurrence of extreme winter cold spells over northern Europe. <i>Journal of Advances in Modeling Earth Systems</i> , 2012, 4, .	3.8	69
18	Examining the Predictability of the Stratospheric Sudden Warming of January 2013 Using Multiple NWP Systems. <i>Monthly Weather Review</i> , 2016, 144, 1935-1960.	1.4	62

#	ARTICLE	IF	CITATIONS
19	100 Years of Progress in Understanding the Stratosphere and Mesosphere. Meteorological Monographs, 2019, 59, 27.1-27.62.	5.0	37
20	Long-range prediction and the stratosphere. Atmospheric Chemistry and Physics, 2022, 22, 2601-2623.	4.9	24
21	Solving the climate crisis: lessons from ozone depletion and COVID-19. Global Sustainability, 2020, 3, .	3.3	12