

Mark P Baldwin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

3,047
citations

19
h-index

22
g-index

22
ext. papers

3,452
ext. citations

7.8
avg, IF

5.1
L-index

#	Paper	IF	Citations
22	Propagation of the Arctic Oscillation from the stratosphere to the troposphere. <i>Journal of Geophysical Research</i> , 1999 , 104, 30937-30946		749
21	Stratospheric memory and skill of extended-range weather forecasts. <i>Science</i> , 2003 , 301, 636-40	33.3	399
20	Stratospheric influence on tropospheric jet streams, storm tracks and surface weather. <i>Nature Geoscience</i> , 2015 , 8, 433-440	18.3	356
19	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	4.4	225
18	The Influence of Stratospheric Vortex Displacements and Splits on Surface Climate. <i>Journal of Climate</i> , 2013 , 26, 2668-2682	4.4	180
17	A critical comparison of stratosphere-troposphere coupling indices. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009 , 135, 1661-1672	6.4	152
16	Stratosphere-troposphere Coupling in the Southern Hemisphere. <i>Journals of the Atmospheric Sciences</i> , 2005 , 62, 708-715	2.1	150
15	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	6.4	138
14	Stratosphere-troposphere coupling and annular mode variability in chemistry-climate models. <i>Journal of Geophysical Research</i> , 2010 , 115,		96
13	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	4.9	91
12	Annular modes in global daily surface pressure. <i>Geophysical Research Letters</i> , 2001 , 28, 4115-4118	4.9	85
11	Climatology of the Stratospheric Polar Vortex and Planetary Wave Breaking. <i>Journals of the Atmospheric Sciences</i> , 1988 , 45, 1123-1142	2.1	85
10	Sudden Stratospheric Warmings. <i>Reviews of Geophysics</i> , 2021 , 59,	23.1	78
9	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	11.4	56
8	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, n/a-n/a	7.1	53
7	Examining the Predictability of the Stratospheric Sudden Warming of January 2013 Using Multiple NWP Systems. <i>Monthly Weather Review</i> , 2016 , 144, 1935-1960	2.4	49
6	Intraseasonal Effects of El Niño Southern Oscillation on North Atlantic Climate. <i>Journal of Climate</i> , 2018 , 31, 8861-8873	4.4	37

5	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	4-4	34
4	100 Years of Progress in Understanding the Stratosphere and Mesosphere. <i>Meteorological Monographs</i> , 2019 , 59, 27.1-27.62	5-7	22
3	Solving the climate crisis: lessons from ozone depletion and COVID-19. <i>Global Sustainability</i> , 2020 , 3,	5-4	7
2	Long-range prediction and the stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 2601-2623	6-8	3
1	Sudden Stratospheric Warmings		2