

Paul E Roundy

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,826
citations

623734

14
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

1258
citing authors

#	ARTICLE	IF	CITATIONS
1	Convectively coupled equatorial waves. <i>Reviews of Geophysics</i> , 2009, 47, .	23.0	692
2	The Role of Tropical Waves in Tropical Cyclogenesis. <i>Monthly Weather Review</i> , 2006, 134, 2397-2417.	1.4	283
3	A Climatology of Waves in the Equatorial Region. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 2105-2132.	1.7	228
4	Analysis of Convectively Coupled Kelvin Waves in the Indian Ocean MJO. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1342-1359.	1.7	138
5	Contributions of Convectively Coupled Equatorial Rossby Waves and Kelvin Waves to the Real-Time Multivariate MJO Indices. <i>Monthly Weather Review</i> , 2009, 137, 469-478.	1.4	81
6	Observed Structure of Convectively Coupled Waves as a Function of Equivalent Depth: Kelvin Waves and the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2097-2106.	1.7	59
7	Effects of Low-Frequency Wave Interactions on Intraseasonal Oscillations. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 3025-3040.	1.7	49
8	The Spectrum of Convectively Coupled Kelvin Waves and the Madden-Julian Oscillation in Regions of Low-Level Easterly and Westerly Background Flow. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2107-2111.	1.7	45
9	The Development of Upper-Tropospheric Wind over the Western Hemisphere in Association with MJO Convective Initiation. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3138-3160.	1.7	30
10	Some Aspects of Western Hemisphere Circulation and the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 2027-2039.	1.7	23
11	Interpretation of the spectrum of eastward-moving tropical convective anomalies. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 795-806.	2.7	23
12	Tracking and prediction of large-scale organized tropical convection by spectrally focused two-step space-time EOF analysis. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012, 138, 919-931.	2.7	21
13	Trends in Tropical Wave Activity from the 1980s to 2016. <i>Journal of Climate</i> , 2019, 32, 1661-1676.	3.2	19
14	Trends in northern midlatitude atmospheric wave power from 1950 to 2099. <i>Climate Dynamics</i> , 2020, 54, 2903-2918.	3.8	15
15	Analysis of vertically propagating convectively coupled equatorial waves using observations and a non-hydrostatic Boussinesq model on the equatorial beta-plane. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012, 138, 1004-1017.	2.7	14
16	Regression Analysis of Zonally Narrow Components of the MJO. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 4253-4275.	1.7	14
17	A wave-number frequency wavelet analysis of convectively coupled equatorial waves and the MJO over the Indian Ocean. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 333-343.	2.7	14
18	The development of upper-tropospheric geopotential height anomaly in the Western Hemisphere during MJO convective initiations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 942-956.	2.7	13

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19	The MJO's impact on rainfall trends over the Congo rainforest. <i>Climate Dynamics</i> , 2020, 54, 2683-2695.	3.8	12
20	The intricacies of identifying equatorial waves. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 2814-2852.	2.7	12
21	Nontraditional hypsometric equation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 700-706.	2.7	9
22	Diagnosis of seasonally varying regression slope coefficients and application to the MJO. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 1946-1952.	2.7	7
23	Linear effects of nontraditional Coriolis terms on intertropical convergence zone forced large-scale flow. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2445-2453.	2.7	7
24	The Compressional Beta Effect: Analytical Solution, Numerical Benchmark, and Data Analysis. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 3721-3732.	1.7	6
25	Extratropical Influence on 200-hPa Easterly Acceleration over the Western Indian Ocean Preceding Madden-Julian Oscillation Convective Onset. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 265-284.	1.7	5
26	A Statistical Analysis of Relationships between Western North Pacific Tropical Cyclones and Extratropical Circulation Patterns Accompanying the Madden-Julian Oscillation. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 583-604.	1.7	2
27	Wavelet isolation of meridionally moving geopotential height perturbations near the subtropics of eastern Africa and their relationship with the Madden-Julian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 380-400.	2.7	2
28	Meridional movement of geopotential height anomalies in the subtropics and the relationship to the base-state flow. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 627-646.	2.7	1
29	Upward and downward atmospheric Kelvin waves over the Indian Ocean. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2021, 147, 3154-3179.	2.7	1
30	Quasi-biennial oscillation impacts on Madden-Julian oscillation-associated extratropical interactions and Kelvin waves. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2022, 148, 907-919.	2.7	1