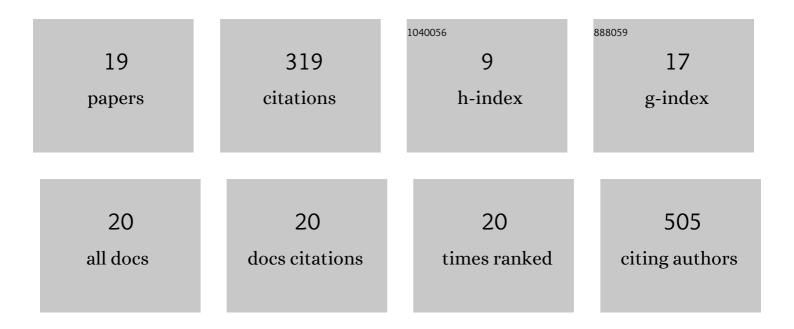
## **Carlos Raupp**

List of Publications by Year in descending order

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CADIOS PALIDO

#	Article	IF	CITATIONS
1	Interaction of equatorial waves through resonance with the diurnal cycle of tropical heating. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 62, 706.	1.7	8
2	Nonlinear interaction of gravity and acoustic waves. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 72, 1706705.	1.7	1
3	Inference of the topology of geomagnetic field multipole interactions. European Physical Journal: Special Topics, 2021, 230, 2999-3007.	2.6	1
4	Information flow between MJO-related waves: a network approach on the wave space. European Physical Journal: Special Topics, 2021, 230, 3009-3017.	2.6	7
5	Nonlinear MHD Rossby wave interactions and persistent geomagnetic field structures. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200174.	2.1	3
6	A New Mechanism for Maunder-like Solar Minima: Phase Synchronization Dynamics in a Simple Nonlinear Oscillator of Magnetohydrodynamic Rossby Waves. Astrophysical Journal Letters, 2020, 890, L13.	8.3	12
7	Topography-induced locking of drifting Rossby–Haurwitz waves. Physics of Fluids, 2020, 32, 046601.	4.0	3
8	Linear and Weakly Nonlinear Energetics of Global Nonhydrostatic Normal Modes. Journals of the Atmospheric Sciences, 2019, 76, 3831-3846.	1.7	1
9	Nonlinear Rossby Wave–Wave and Wave–Mean Flow Theory for Long-term Solar Cycle Modulations. Astrophysical Journal, 2019, 887, 1.	4.5	26
10	Multiscale Atmosphere–Ocean Interactions and the Low-Frequency Variability in the Equatorial Region. Journals of the Atmospheric Sciences, 2017, 74, 2503-2523.	1.7	6
11	Windthrow Variability in Central Amazonia. Atmosphere, 2017, 8, 28.	2.3	29
12	NONLINEAR DYNAMICS OF MAGNETOHYDRODYNAMIC ROSSBY WAVES AND THE CYCLIC NATURE OF SOLAR MAGNETIC ACTIVITY. Astrophysical Journal, 2015, 799, 78.	4.5	26
13	The family of anisotropically scaled equatorial waves. Journal of Advances in Modeling Earth Systems, 2011, 3, .	3.8	2
14	Asymptotic approach for the nonlinear equatorial long wave interactions. Journal of Physics: Conference Series, 2011, 285, 012020.	0.4	5
15	Widespread Amazon forest tree mortality from a single crossâ€basin squall line event. Geophysical Research Letters, 2010, 37, .	4.0	116
16	Resonant Wave Interactions in the Presence of a Diurnally Varying Heat Source. Journals of the Atmospheric Sciences, 2009, 66, 3165-3183.	1.7	21
17	Resonant Wave Interactions in the Equatorial Waveguide. Journals of the Atmospheric Sciences, 2008, 65, 3398-3418.	1.7	22
18	Dynamics of resonantly interacting equatorial waves. Tellus, Series A: Dynamic Meteorology and Oceanography, 2006, 58, 263-279.	1.7	13

#	Article	IF	CITATIONS
19	Excitation Mechanism of Mixed Rossby–Gravity Waves in the Equatorial Atmosphere: Role of the Nonlinear Interactions among Equatorial Waves. Journals of the Atmospheric Sciences, 2005, 62, 1446-1462.	1.7	17