

Carlos Raupp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1065174/publications.pdf>

Version: 2024-02-01

19
papers

319
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Widespread Amazon forest tree mortality from a single cross-basin squall line event. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	116
2	Windthrow Variability in Central Amazonia. <i>Atmosphere</i> , 2017, 8, 28.	2.3	29
3	NONLINEAR DYNAMICS OF MAGNETOHYDRODYNAMIC ROSSBY WAVES AND THE CYCLIC NATURE OF SOLAR MAGNETIC ACTIVITY. <i>Astrophysical Journal</i> , 2015, 799, 78.	4.5	26
4	Nonlinear Rossby Wave-Wave and Wave-Mean Flow Theory for Long-term Solar Cycle Modulations. <i>Astrophysical Journal</i> , 2019, 887, 1.	4.5	26
5	Resonant Wave Interactions in the Equatorial Waveguide. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 3398-3418.	1.7	22
6	Resonant Wave Interactions in the Presence of a Diurnally Varying Heat Source. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 3165-3183.	1.7	21
7	Excitation Mechanism of Mixed Rossby-Gravity Waves in the Equatorial Atmosphere: Role of the Nonlinear Interactions among Equatorial Waves. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 1446-1462.	1.7	17
8	Dynamics of resonantly interacting equatorial waves. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2006, 58, 263-279.	1.7	13
9	A New Mechanism for Maunder-like Solar Minima: Phase Synchronization Dynamics in a Simple Nonlinear Oscillator of Magnetohydrodynamic Rossby Waves. <i>Astrophysical Journal Letters</i> , 2020, 890, L13.	8.3	12
10	Interaction of equatorial waves through resonance with the diurnal cycle of tropical heating. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 62, 706.	1.7	8
11	Information flow between MJO-related waves: a network approach on the wave space. <i>European Physical Journal: Special Topics</i> , 2021, 230, 3009-3017.	2.6	7
12	Multiscale Atmosphere-Ocean Interactions and the Low-Frequency Variability in the Equatorial Region. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2503-2523.	1.7	6
13	Asymptotic approach for the nonlinear equatorial long wave interactions. <i>Journal of Physics: Conference Series</i> , 2011, 285, 012020.	0.4	5
14	Nonlinear MHD Rossby wave interactions and persistent geomagnetic field structures. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20200174.	2.1	3
15	Topography-induced locking of drifting Rossby-Haurwitz waves. <i>Physics of Fluids</i> , 2020, 32, 046601.	4.0	3
16	The family of anisotropically scaled equatorial waves. <i>Journal of Advances in Modeling Earth Systems</i> , 2011, 3, .	3.8	2
17	Linear and Weakly Nonlinear Energetics of Global Nonhydrostatic Normal Modes. <i>Journals of the Atmospheric Sciences</i> , 2019, 76, 3831-3846.	1.7	1
18	Nonlinear interaction of gravity and acoustic waves. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 72, 1706705.	1.7	1

#	ARTICLE	IF	CITATIONS
19	Inference of the topology of geomagnetic field multipole interactions. European Physical Journal: Special Topics, 2021, 230, 2999-3007.	2.6	1