

Nili Harnik

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

455
citations

759233

12
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Reflecting Surfaces on the Vertical Structure and Variability of Stratospheric Planetary Waves. <i>Journals of the Atmospheric Sciences</i> , 2001, 58, 2872-2894.	1.7	72
2	Atlantic-Pacific Asymmetry in Deep Water Formation. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 327-352.	11.0	68
3	Downward Wave Coupling between the Stratosphere and Troposphere: The Importance of Meridional Wave Guiding and Comparison with Zonal-Mean Coupling. <i>Journal of Climate</i> , 2010, 23, 6365-6381.	3.2	65
4	100 Years of Progress in Understanding the Stratosphere and Mesosphere. <i>Meteorological Monographs</i> , 2019, 59, 27.1-27.62.	5.0	37
5	Influence of the Quasi-Biennial Oscillation and Sea Surface Temperature Variability on Downward Wave Coupling in the Northern Hemisphere. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1943-1965.	1.7	35
6	The Transition to a Subtropical Jet Regime and Its Maintenance. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 1389-1409.	1.7	30
7	How does downward planetary wave coupling affect polar stratospheric ozone in the Arctic winter stratosphere?. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2437-2458.	4.9	29
8	The Impact of Stratospheric Ozone Changes on Downward Wave Coupling in the Southern Hemisphere*. <i>Journal of Climate</i> , 2011, 24, 4210-4229.	3.2	21
9	Radiative effects of ozone waves on the Northern Hemisphere polar vortex and its modulation by the QBO. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6637-6659.	4.9	19
10	On the violation of gradient wind balance at the top of tropical cyclones. <i>Geophysical Research Letters</i> , 2017, 44, 8017-8026.	4.0	16
11	A dynamical systems characterization of atmospheric jet regimes. <i>Earth System Dynamics</i> , 2021, 12, 233-251.	7.1	16
12	Wave and Jet Maintenance in Different Flow Regimes. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 2465-2484.	1.7	15
13	Observed Decadal Changes in Downward Wave Coupling between the Stratosphere and Troposphere in the Southern Hemisphere. <i>Journal of Climate</i> , 2011, 24, 4558-4569.	3.2	13
14	Downward Wave Coupling between the Stratosphere and Troposphere under Future Anthropogenic Climate Change. <i>Journal of Climate</i> , 2018, 31, 4135-4155.	3.2	7
15	Relating Observations of Gradient Nonbalance at the Top of Hurricanes With Their Warm Core Structures. <i>Geophysical Research Letters</i> , 2019, 46, 11510-11519.	4.0	6
16	A Synoptic View of the Onset of the Mid-Latitude QBO Signal. <i>Journals of the Atmospheric Sciences</i> , 2021, . . .	1.7	3
17	Tropospheric jet variability in different flow regimes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 327-347.	2.7	1