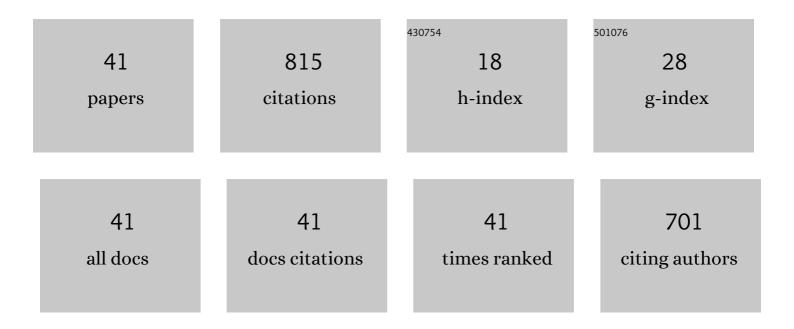


List of Publications by Year in descending order

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YIANI LI

#	Article	IF	CITATIONS
1	Data Assimilation of High‣atitude Electric Fields: Extension of a Multiâ€Resolution Gaussian Process Model (Lattice Kriging) to Vector Fields. Space Weather, 2022, 20, .	1.3	3
2	Using Temporal Relationship of Thermospheric Density With Geomagnetic Activity Indices and Joule Heating as Calibration for NRLMSISEâ€00 During Geomagnetic Storms. Space Weather, 2022, 20, .	1.3	2
3	Lidar Observations of Instability and Estimates of Vertical Eddy Diffusivity Induced by Gravity Wave Breaking in the Arctic Mesosphere. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033450.	1.2	4
4	A Comparative Study of Ionospheric Dayâ€Toâ€Day Variability Over Wuhan Based on Ionosonde Measurements and Model Simulations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028589.	0.8	7
5	Mechanism Studies of Maddenâ€Julian Oscillation Coupling Into the Mesosphere/Lower Thermosphere Tides Using SABER, MERRAâ€2, and SDâ€WACCMX. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034595.	1.2	4
6	Latitudinal Impacts of Joule Heating on the High‣atitude Thermospheric Density Enhancement During Geomagnetic Storms. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028747.	0.8	5
7	Global Responses of Gravity Waves and Zonal Mean Winds to the Maddenâ€Julian Oscillation and the Latitudinal Dependence of Their Relations Using MERRAâ€2. Geophysical Research Letters, 2021, 48, e2021GL094717.	1.5	1
8	SABER Observations of Gravity Wave Responses to the Maddenâ€Julian Oscillation From the Stratosphere to the Lower Thermosphere in Tropics and Extratropics. Geophysical Research Letters, 2020, 47, e2020GL091014.	1.5	5
9	The Tidal Response in the Mesosphere/Lower Thermosphere to the Maddenâ€Julian Oscillation Observed by SABER. Geophysical Research Letters, 2020, 47, e2020GL089172.	1.5	9
10	Importance of Regionalâ€Scale Auroral Precipitation and Electrical Field Variability to the Stormâ€Time Thermospheric Temperature Enhancement and Inversion Layer (TTEIL) in the Antarctic E Region. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028224.	0.8	9
11	First Lidar Observations of Quasiâ€Biennial Oscillationâ€Induced Interannual Variations of Gravity Wave Potential Energy Density at McMurdo via a Modulation of the Antarctic Polar Vortex. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032866.	1.2	6
12	Quietâ€Time Dayâ€ŧoâ€Day Variability of Equatorial Vertical EÂ×ÂB Drift From Atmosphere Perturbations at Dawn. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027824.	0.8	19
13	Quasiâ€Biennial Oscillation of Shortâ€Period Planetary Waves and Polar Night Jet in Winter Antarctica Observed in SABER and MERRAâ€2 and Mechanism Study With a Quasiâ€Geostrophic Model. Geophysical Research Letters, 2019, 46, 13526-13534.	1.5	7
14	Significant Electric Field Perturbations in Low Latitude Ionosphere due to the Passage of Two Consecutive ICMEs During 6–8 September 2017. Journal of Geophysical Research: Space Physics, 2019, 124, 9494-9510.	0.8	16
15	Transition of Interhemispheric Asymmetry of Equatorial Ionization Anomaly During Solstices. Journal of Geophysical Research: Space Physics, 2018, 123, 10,283.	0.8	15
16	Latitudinal Doubleâ€Peak Structure of Stationary Planetary Wave 1 in the Austral Winter Middle Atmosphere and Its Possible Generation Mechanism. Journal of Geophysical Research D: Atmospheres, 2018, 123, 11,551.	1.2	7
17	Lidar Observations of Stratospheric Gravity Waves From 2011 to 2015 at McMurdo (77.84°S, 166.69°E), Antarctica: 2. Potential Energy Densities, Lognormal Distributions, and Seasonal Variations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7910-7934.	1.2	33
18	Validation of SABER v2.0 Operational Temperature Data With Groundâ€Based Lidars in the Mesosphere‣ower Thermosphere Region (75–105Âkm). Journal of Geophysical Research D: Atmospheres, 2018, 123, 9916-9934.	1.2	39

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19	Lidar observations of stratospheric gravity waves from 2011 to 2015 at McMurdo (77.84°S, 166.69°E), Antarctica: 1. Vertical wavelengths, periods, and frequency and vertical wave number spectra. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5041-5062.	1.2	48
20	First Observations of Shortâ€Period Eastward Propagating Planetary Waves From the Stratosphere to the Lower Thermosphere (110Âkm) in Winter Antarctica. Geophysical Research Letters, 2017, 44, 10,744.	1.5	14
21	Statistical characterization of high-to-medium frequency mesoscale gravity waves by lidar-measured vertical winds and temperatures in the MLT. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 162, 3-15.	0.6	18
22	From Antarctica Lidar Discoveries to Oasis Exploration. EPJ Web of Conferences, 2016, 119, 12001.	0.1	9
23	Antarctic Wave Dynamics Mystery Discovered by Lidar, Radar and Imager. EPJ Web of Conferences, 2016, 119, 13004.	0.1	1
24	Simultaneous Observations of Mesoscale Gravity Waves Over the Central US with CRRL Na Doppler Lidars and USU Temperature Mapper. EPJ Web of Conferences, 2016, 119, 13003.	0.1	0
25	Winter Temperature and Tidal Structures from 2011 to 2014 at McMurdo Station: Observations from Fe Boltzmann Temperature and Rayleigh Lidar. EPJ Web of Conferences, 2016, 119, 12003.	0.1	1
26	Lidar observations of persistent gravity waves with periods of 3–10 h in the Antarctic middle and upper atmosphere at McMurdo (77.83°S, 166.67À°E). Journal of Geophysical Research: Space Physics, 2016, 121, 1483-1502.	0.8	57
27	A coordinated study of 1 h mesoscale gravity waves propagating from Logan to Boulder with CRRL Na Doppler lidars and temperature mapper. Journal of Geophysical Research D: Atmospheres, 2015, 120, 10,006.	1.2	28
28	Lidar and CTIPe model studies of the fast amplitude growth with altitude of the diurnal temperature "tides―in the Antarctic winter lower thermosphere and dependence on geomagnetic activity. Geophysical Research Letters, 2015, 42, 697-704.	1.5	8
29	Vertical evolution of potential energy density and vertical wave number spectrum of Antarctic gravity waves from 35 to 105 km at McMurdo (77.8°S, 166.7°E). Journal of Geophysical Research D: Atmospheres, 2015, 120, 2719-2737.	1.2	41
30	Winter temperature tides from 30 to 110 km at McMurdo (77.8°S, 166.7°E), Antarctica: Lidar observation and comparisons with WAM. Journal of Geophysical Research D: Atmospheres, 2014, 119, 2846-2863.	^{ns} 1.2	21
31	Global structure and seasonal variability of the migrating terdiurnal tide in the mesosphere and lower thermosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 105-106, 191-198.	0.6	27
32	Observation of a thermospheric descending layer of neutral K over Arecibo. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 104, 253-259.	0.6	39
33	Eastward propagating planetary waves with periods of 1–5 days in the winter Antarctic stratosphere as revealed by MERRA and lidar. Journal of Geophysical Research D: Atmospheres, 2013, 118, 9565-9578.	1.2	26
34	Nonlinear coupling between quasi 2 day wave and tides based on meteor radar observations at Maui. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,936.	1.2	36
35	Diurnal variation of gravity wave momentum flux and its forcing on the diurnal tide. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1668-1678.	1.2	31
36	Inertiaâ€gravity waves in Antarctica: A case study using simultaneous lidar and radar measurements at McMurdo/Scott Base (77.8°S, 166.7°E). Journal of Geophysical Research D: Atmospheres, 2013, 118, 2794-2808.	1.2	58

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37	Momentum budget of the migrating diurnal tide in the Whole Atmosphere Community Climate Model at vernal equinox. Journal of Geophysical Research, 2012, 117, .	3.3	19
38	Meteorâ€radar observed mesospheric semiâ€annual oscillation (SAO) and quasiâ€biennial oscillation (QBO) over Maui, Hawaii. Journal of Geophysical Research, 2012, 117, .	3.3	11
39	Seasonal variability of the diurnal tide in the mesosphere and lower thermosphere over Maui, Hawaii (20.7°N, 156.3°W). Journal of Geophysical Research, 2011, 116, .	3.3	38
40	Gravity wave characteristics from OH airglow imager over Maui. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	30
41	Gravity wave propagation and dissipation from the stratosphere to the lower thermosphere. Journal of Geophysical Research, 2009, 114, .	3.3	63