

# Libo Liu

## List of Publications by Year in descending order

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262  
papers

7,254  
citations

53789

45  
h-index

102480

66  
g-index

275  
all docs

275  
docs citations

275  
times ranked

2677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionospheric precursors of strong earthquakes observed using six GNSS stations data during continuous five years (2011–2015). <i>Geodesy and Geodynamics</i> , 2023, 14, 65-79.	2.2	5
2	The Feature of Ionospheric Mid-Latitude Trough during Geomagnetic Storms Derived from GPS Total Electron Content (TEC) Data. <i>Remote Sensing</i> , 2022, 14, 369.	4.0	1
3	Daytime Ionospheric Large-Scale Plasma Density Depletion Structures Detected at Low Latitudes Under Relatively Quiet Geomagnetic Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	5
4	Concurrent effects of Martian topography on the thermosphere and ionosphere at high northern latitudes. <i>Earth, Planets and Space</i> , 2022, 74, .	2.5	5
5	Responding trends of ionospheric $F_2$ -layer to weaker geomagnetic activities. <i>Journal of Space Weather and Space Climate</i> , 2022, 12, 6.	3.3	5
6	Ionospheric Nighttime Enhancements at Low Latitudes Challenge Performance of the Global Ionospheric Maps. <i>Remote Sensing</i> , 2022, 14, 1088.	4.0	4
7	Extreme Enhancements of Electron Temperature in Low Latitude Topside Ionosphere During the October 2016 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	0
8	ULF Fluctuation of Low-Latitude Ionospheric Electric Fields During Sudden Commencements. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	2
9	A 3D Empirical Model of Electron Density Based on CSES Radio Occultation Measurements. <i>Space Weather</i> , 2022, 20, .	3.7	2
10	Persistent Eastward EEJ Enhancement During the Geomagnetic Storm Recovery Phases. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	4
11	A New Method for Retrieving Electron Density Profiles from the MARSIS Ionograms. <i>Remote Sensing</i> , 2022, 14, 1817.	4.0	1
12	Unexpected Regional Zonal Structures in Low Latitude Ionosphere Call for a High Longitudinal Resolution of the Global Ionospheric Maps. <i>Remote Sensing</i> , 2022, 14, 2315.	4.0	8
13	A New Global Ionospheric Electron Density Model Based on Grid Modeling Method. <i>Space Weather</i> , 2022, 20, .	3.7	5
14	Explaining Solar Flare-Induced Ionospheric Ion Upflow at Millstone Hill (42.6°N). <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	6
15	Modeling the global ionospheric electron densities based on the EOF decomposition of the ionospheric radio occultation observation. <i>Advances in Space Research</i> , 2021, 68, 2218-2232.	2.6	11
16	Latitudinal Dependence of Daytime Electron Density Bite-Out in the Ionospheric $F_2$ -Layer. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	9
17	Variations of Thermospheric Winds Observed by a Fabry-Perot Interferometer at Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028655.	2.4	7
18	Morphological Characteristics of Thousand-Kilometer-Scale $E_s$ Structures Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028712.	2.4	15

#	ARTICLE	IF	CITATIONS
19	Longitudinal Differences in Electron Temperature on Both Sides of Zero Declination Line in the Mid-Latitude Topside Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028471.	2.4	5
20	Solar flare effects in the Earth's magnetosphere. <i>Nature Physics</i> , 2021, 17, 807-812.	16.7	27
21	Whistler Wings and Reflected Particles During Solar Wind Interaction of Lunar Magnetic Anomalies. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092425.	4.0	3
22	A Global Empirical Model of Electron Density Profile in the F Region Ionosphere Basing on COSMIC Measurements. <i>Space Weather</i> , 2021, 19, e2020SW002642.	3.7	9
23	Occurrence of Ionospheric Equatorial Ionization Anomaly at 840 km Height Observed by the DMSP Satellites at Solar Maximum Dusk. <i>Space Weather</i> , 2021, 19, e2020SW002690.	3.7	4
24	The Ionosphere at Middle and Low Latitudes Under Geomagnetic Quiet Time of December 2019. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028964.	2.4	8
25	Lithosphere ionosphere coupling associated with three earthquakes in Pakistan from GPS and GIM TEC. <i>Journal of Geodynamics</i> , 2021, 147, 101860.	1.6	14
26	Equinoctial Asymmetry in Solar Quiet Fields along the 120° E Meridian Chain. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9150.	2.5	4
27	Measurement of Martian atmospheric winds by the O <sub>2</sub> 1.27 μm airglow observations using Doppler Michelson Interferometry: A concept study. <i>Science China Earth Sciences</i> , 2021, 64, 2027-2042.	5.2	3
28	Paint to Better Describe: Learning Image Caption by Using Text-to-Image Synthesis. , 2021, , .		1
29	A Meandering Lunar Wake Produced by the Pickup of Reflected Solar Wind Ions. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	3
30	Comparison of TEC from IRI-2016 and GPS during the low solar activity over Turkey. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	1.4	19
31	Effects of the 21 June 2020 Solar Eclipse on Conjugate Hemispheres: A Modeling Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028344.	2.4	14
32	Unexpected High Occurrence of Daytime F-Region Backscatter Plume Structures Over Low Latitude Sanya and Their Possible Origin. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090517.	4.0	13
33	Persistence of the Long-Duration Daytime TEC Enhancements at Different Longitudinal Sectors During the August 2018 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028238.	2.4	15
34	Equatorial North-South Difference of Noontime Electron Density Bite-Out in the $F^2$ Layer. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028124.	2.4	10
35	Westward Electric Fields in the Afternoon Equatorial Ionosphere During Geomagnetically Quiet Times. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028532.	2.4	2
36	A Case Study of the Enhancements in Ionospheric Electron Density and Its Longitudinal Gradient at Chinese Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027751.	2.4	10

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37	Prominent Daytime TEC Enhancements Under the Quiescent Condition of January 2017. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088398.	4.0	11
38	A Statistical Study on the Winter Ionospheric Nighttime Enhancement at Middle Latitudes in the Northern Hemisphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027950.	2.4	11
39	Recent ionospheric investigations in China (2018–2019). <i>Earth and Planetary Physics</i> , 2020, 4, 179-205.	1.1	6
40	New Features of the Enhancements in Electron Density at Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027539.	2.4	12
41	Interhemispheric Transport of the Ionospheric $F_2$ Region Plasma During the 2009 Sudden Stratosphere Warming. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087078.	4.0	11
42	Deep-learning for ionogram automatic scaling. <i>Advances in Space Research</i> , 2020, 66, 942-950.	2.6	13
43	Multiple Technique Observations of the Ionospheric Responses to the 21 June 2020 Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028450.	2.4	19
44	Numerical simulation of three dimensional flow in Yazidang Reservoir based on image processing. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020, 39, 1591-1600.	1.4	0
45	Simulated east–west differences in F-region peak electron density at Far East mid-latitude region. <i>Earth, Planets and Space</i> , 2020, 72, .	2.5	4
46	Statistics on the Magnetosheath Properties Related to Magnetopause Magnetic Reconnection. <i>Astrophysical Journal</i> , 2019, 880, 122.	4.5	10
47	New Aspects of the Ionospheric Behavior Over Millstone Hill During the 30–Day Incoherent Scatter Radar Experiment in October 2002. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6288-6295.	2.4	6
48	The High-Latitude Trough in the Southern Hemisphere Observed by Swarm-A Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9475-9485.	2.4	0
49	Equatorial Ionospheric Electrodynamics Over Jicamarca During the 6–11 September 2017 Space Weather Event. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1292-1306.	2.4	19
50	$f^{\pm}$ -Chapman Scale Height: Longitudinal Variation and Global Modeling. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2083-2098.	2.4	9
51	Trapped and Accelerated Electrons Within a Magnetic Mirror Behind a Flux Rope on the Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3993-4008.	2.4	8
52	Evolution of the Subauroral Polarization Stream Oscillations During the Severe Geomagnetic Storm on 20 November 2003. <i>Geophysical Research Letters</i> , 2019, 46, 599-607.	4.0	6
53	Interhemispheric conjugate effect in longitude variations of mid-latitude ion density. <i>Journal of Space Weather and Space Climate</i> , 2019, 9, A40.	3.3	0
54	Long-Term Trend of Topside Ionospheric Electron Density Derived From DMSP Data During 1995–2017. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10708-10727.	2.4	11

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55	Anomaly distribution of ionospheric total electron content responses to some solar flares. <i>Earth and Planetary Physics</i> , 2019, 3, 1-8.	1.1	3
56	Two Day Wave Traveling Westward With Wave Number 1 During the Sudden Stratospheric Warming in January 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3005-3013.	2.4	19
57	Large-scale Structure of Subauroral Polarization Streams During the Main Phase of a Severe Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2964-2973.	2.4	18
58	Responses of Solar Irradiance and the Ionosphere to an Intense Activity Region. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2116-2126.	2.4	8
59	El Niño Southern Oscillation effect on quasi-biennial oscillations of temperature diurnal tides in the mesosphere and lower thermosphere. <i>Earth, Planets and Space</i> , 2018, 70, .	2.5	19
60	Chinese ionospheric investigations in 2016–2017. <i>Earth and Planetary Physics</i> , 2018, , 89-111.	1.1	7
61	Transition of Interhemispheric Asymmetry of Equatorial Ionization Anomaly During Solstices. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,283.	2.4	15
62	An introduction to equatorial electrodynamics and a review of an additional layer at low latitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 181, 94-109.	1.6	5
63	Statistical Behavior of the Longitudinal Variations of the Evening Topside Midlatitude Trough Position in both Northern and Southern Hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3983-3997.	2.4	10
64	Equatorial Ionospheric Disturbance Field-aligned Plasma Drifts Observed by C/NOFS. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4192-4201.	2.4	6
65	Longitudinal Structure of the Midlatitude Ionosphere Using COSMIC Electron Density Profiles. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8766-8777.	2.4	13
66	A brief review of equatorial ionization anomaly and ionospheric irregularities. <i>Earth and Planetary Physics</i> , 2018, 2, 1-19.	1.1	130
67	Mesospheric temperatures estimated from the meteor radar observations at Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2249-2259.	2.4	21
68	First observation of presunset ionospheric $F_2$ region bottom-type scattering layer. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3788-3797.	2.4	20
69	Peak height of OH airglow derived from simultaneous observations a Fabry-Perot interferometer and a meteor radar. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4628-4637.	2.4	8
70	Equatorial ionospheric electrodynamics during solar flares. <i>Geophysical Research Letters</i> , 2017, 44, 4558-4565.	4.0	30
71	Regional differences of the ionospheric response to the July 2012 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4654-4668.	2.4	23
72	Global tidal mapping from observations of a radar campaign. <i>Advances in Space Research</i> , 2017, 60, 130-143.	2.6	4

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73	The effect of zonal wind reversal around sunset on ionospheric interhemispheric asymmetry at March equinox of a solar maximum year 2000. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4726-4735.	2.4	7
74	A TIEGCM numerical study of the source and evolution of ionospheric F-region tongues of ionization: Universal time and interplanetary magnetic field dependence. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 156, 87-96.	1.6	19
75	Variations of the meteor echo heights at Beijing and Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1117-1127.	2.4	16
76	The latitudinal structure of nighttime ionospheric TEC and its empirical orthogonal functions model over North American sector. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 963-977.	2.4	22
77	The Storm Time Evolution of the Ionospheric Disturbance Plasma Drifts. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,665.	2.4	23
78	Dependence of thermospheric zonal winds on solar flux, geomagnetic activity, and hemisphere as measured by CHAMP. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8893-8914.	2.4	5
79	Comparison of the observed topside ionospheric and plasmaspheric electron content derived from the COSMIC podTEC measurements with the IRI_Plus model results. <i>Advances in Space Research</i> , 2017, 60, 222-227.	2.6	16
80	Statistical analysis of the mid-latitude trough position during different categories of magnetic storms and different storm intensities. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	16
81	Mapping the conjugate and corotating storm-enhanced density during 17 March 2013 storm through data assimilation. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 12,202.	2.4	24
82	Enhanced ionospheric plasma bubble generation in more active ITCZ. <i>Geophysical Research Letters</i> , 2016, 43, 2389-2395.	4.0	57
83	An ionospheric assimilation model along a meridian plane. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 145, 125-135.	1.6	0
84	A global picture of ionospheric slab thickness derived from GIM TEC and COSMIC radio occultation observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 867-880.	2.4	21
85	Long-lasting negative ionospheric storm effects in low and middle latitudes during the recovery phase of the 17 March 2013 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9234-9249.	2.4	49
86	Effects of disturbed electric fields in the low-latitude and equatorial ionosphere during the 2015 St. Patrick's Day storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9111-9126.	2.4	60
87	A modeling study of global ionospheric and thermospheric responses to extreme solar flare. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 832-840.	2.4	18
88	Evidence and effects of the sunrise enhancement of the equatorial vertical plasma drift in the $F_2$ region ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4826-4834.	2.4	17
89	Equatorial ionization anomaly in the low-latitude topside ionosphere: Local time evolution and longitudinal difference. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7166-7182.	2.4	27
90	The global distribution of the dusk-to-nighttime enhancement of summer $F_2$ at solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7914-7922.	2.4	22

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91	A comparison of mesospheric and low-thermospheric winds measured by Fabry-Perot interferometer and meteor radar over central China. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,037.	2.4	10
92	Alfvén wings in the lunar wake: The role of pressure gradients. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,698.	2.4	17
93	New understanding achieved from 2 years of Chinese ionospheric investigations. <i>Science Bulletin</i> , 2016, 61, 524-542.	9.0	7
94	The dawn enhancement of the equatorial ionospheric vertical plasma drift. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,688.	2.4	20
95	Formation of polar ionospheric tongue of ionization during minor geomagnetic disturbed conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6860-6873.	2.4	19
96	Modeling Chinese ionospheric layer parameters based on EOF analysis. <i>Space Weather</i> , 2015, 13, 339-355.	3.7	12
97	An empirical model of the topside plasma density around 600 km based on ROCSAT-1 and Hinotori observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4052-4063.	2.4	10
98	Discrepant responses of the global electron content to the solar cycle and solar rotation variations of EUV irradiance. <i>Earth, Planets and Space</i> , 2015, 67, .	2.5	11
99	Statistical analysis of ionospheric mid-latitude trough over the Northern Hemisphere derived from GPS total electron content data. <i>Earth, Planets and Space</i> , 2015, 67, .	2.5	32
100	The variability of nonmigrating tides detected from TIMED/SABER observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,793.	2.4	22
101	Dipole tilt angle effect on magnetic reconnection locations on the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5344-5354.	2.4	18
102	$N_m F_2$ enhancement during ionospheric $F_2$ region nighttime: A statistical analysis based on COSMIC observations during the 2007-2009 solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10083-10095.	2.4	24
103	Shear in the zonal drifts of 300 m irregularities inside spread $F$ plumes observed over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8146-8154.	2.4	7
104	Dusk-to-nighttime enhancement of mid-latitude $N_m F_2$ in local summer: inter-hemispheric asymmetry and solar activity dependence. <i>Annales Geophysicae</i> , 2015, 33, 711-718.	1.6	13
105	Seasonal variations of MLT tides revealed by a meteor radar chain based on Hough mode decomposition. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7030-7048.	2.4	25
106	A comparative study of GPS ionospheric scintillations and ionogram spread F over Sanya. <i>Annales Geophysicae</i> , 2015, 33, 1421-1430.	1.6	10
107	The long-duration positive storm effects in the equatorial ionosphere over Jicamarca. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1311-1324.	2.4	21
108	GPS detection of the coseismic ionospheric disturbances following the 12 May 2008 M7.9 Wenchuan earthquake in China. <i>Science China Earth Sciences</i> , 2015, 58, 151-158.	5.2	11

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109	Global thermospheric disturbances induced by a solar flare: a modeling study. <i>Earth, Planets and Space</i> , 2015, 67, 3.	2.5	8
110	Recent progress in ionospheric earthquake precursor study in China: A brief review. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 420-430.	2.3	16
111	Nighttime electron density enhancements at middle and low latitudes in East Asia. <i>Science China Earth Sciences</i> , 2015, 58, 551-561.	5.2	12
112	Preface: Advances in equatorial, low- and mid-latitude mesosphere, thermosphere and ionosphere studies. <i>Advances in Space Research</i> , 2015, 56, 1805.	2.6	0
113	Climatological modeling of horizontal winds in the mesosphere and lower thermosphere over a mid-latitude station in China. <i>Advances in Space Research</i> , 2015, 56, 1354-1365.	2.6	8
114	Validation of COSMIC ionospheric peak parameters by the measurements of an ionosonde chain in China. <i>Annales Geophysicae</i> , 2014, 32, 1311-1319.	1.6	29
115	A simulation on the global mean structure of the ionosphere and thermosphere. , 2014, , .		0
116	Three-dimensional lunar wake reconstructed from ARTEMIS data. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5220-5243.	2.4	54
117	Influence of DE3 tide on the equinoctial asymmetry of the zonal mean ionospheric electron density. <i>Earth, Planets and Space</i> , 2014, 66, 117.	2.5	9
118	An update global model of hmF2 from values estimated from ionosonde and COSMIC/FORMOSAT-3 radio occultation. <i>Advances in Space Research</i> , 2014, 53, 395-402.	2.6	34
119	A prediction model of short-term ionospheric foF2 based on AdaBoost. <i>Advances in Space Research</i> , 2014, 53, 387-394.	2.6	41
120	How does ionospheric TEC vary if solar EUV irradiance continuously decreases?. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	17
121	A case study of ionospheric storm effects during long-lasting southward IMF driven geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7716-7731.	2.4	34
122	Modeling study of nighttime enhancements in $F$ region electron density at low latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6648-6656.	2.4	25
123	Geomagnetic activity effect on the global ionosphere during the 2007-2009 deep solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3747-3754.	2.4	25
124	Comparison between ionospheric peak parameters retrieved from COSMIC measurement and ionosonde observation over Sanya. <i>Advances in Space Research</i> , 2014, 54, 929-938.	2.6	25
125	Deriving the effective scale height in the topside ionosphere based on ionosonde and satellite in situ observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8472-8482.	2.4	10
126	Comparative climatological study of large-scale traveling ionospheric disturbances over North America and China in 2011-2012. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 519-529.	2.4	25



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127	A case study of postmidnight enhancement in F <sub>2</sub> layer electron density over Sanya of China. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4640-4648.	2.4	51
128	Statistical study of large-scale traveling ionospheric disturbances generated by the solar terminator over China. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4583-4593.	2.4	37
129	The ionospheric anomalies prior to the M9.0 Tohoku-Oki earthquake. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 476-484.	2.3	48
130	Tidal wind mapping from observations of a meteor radar chain in December 2011. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2321-2332.	2.4	58
131	Statistical analysis of ionospheric responses to solar flares in the solar cycle 23. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 576-582.	2.4	46
132	Longitudinal characteristics of spread F backscatter plumes observed with the EAR and Sanya VHF radar in Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6544-6557.	2.4	45
133	Coupling between mesosphere and ionosphere over Beijing through semidiurnal tides during the 2009 sudden stratospheric warming. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2511-2521.	2.4	41
134	Modeling the global NmF <sub>2</sub> from the GNSS-derived TEC-GIMs. <i>Space Weather</i> , 2013, 11, 272-283.	3.7	8
135	On the linkage of daytime 150-km echoes and abnormal intermediate layer traces over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7262-7267.	2.4	24
136	The effect of solar radio bursts on the GNSS radio occultation signals. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5906-5918.	2.4	21
137	Global propagation features of large-scale traveling ionospheric disturbances during the magnetic storm of 7–10 November 2004. <i>Annales Geophysicae</i> , 2012, 30, 683-694.	1.6	26
138	Equinoctial asymmetry in solar activity variations of $\sim 10^3$ – $10^4$ km <sup>2</sup> F <sub>2</sub> and TEC. <i>Annales Geophysicae</i> , 2012, 30, 613-622.	1.6	36
139	A global morphology of gravity wave activity in the stratosphere revealed by the 8-year SABER/TIMED data. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	35
140	Simulated midlatitude summer nighttime anomaly in realistic geomagnetic fields. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	27
141	A simulation study for the couplings between DE3 tide and longitudinal WN4 structure in the thermosphere and ionosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 90-91, 52-60.	1.6	34
142	Influence of interplanetary solar wind sector polarity on the ionosphere. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	6
143	High-speed stream impacts on the equatorial ionization anomaly region during the deep solar minimum year 2008. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
144	An analysis of thermospheric density response to solar flares during 2001–2006. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24

#	ARTICLE	IF	CITATIONS
145	Comparative study of the equatorial ionosphere over Jicamarca during recent two solar minima. Journal of Geophysical Research, 2012, 117, .	3.3	26
146	The discrepancy in solar EUVâ€proxy correlations on solar cycle and solar rotation timescales and its manifestation in the ionosphere. Journal of Geophysical Research, 2012, 117, .	3.3	25
147	Simulated longitudinal variations in the E-region plasma density induced by non-migrating tides. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 68-76.	1.6	8
148	Simulated equinoctial asymmetry of the ionospheric vertical plasma drifts. Journal of Geophysical Research, 2012, 117, .	3.3	7
149	Superposed epoch analyses of thermospheric response to CIRs: Solar cycle and seasonal dependencies. Journal of Geophysical Research, 2012, 117, .	3.3	21
150	Seasonal variations of night mesopause temperature in Beijing observed by SATI4. Science China Technological Sciences, 2012, 55, 1295-1301.	4.0	2
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