Libo Liu

List of Publications by Year in descending order

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

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19	Longitudinal Differences in Electron Temperature on Both Sides of Zero Declination Line in the Mid″atitude Topside Ionosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028471.	2.4	5
20	Solar flare effects in the Earth's magnetosphere. Nature Physics, 2021, 17, 807-812.	16.7	27
21	Whistler Wings and Reflected Particles During Solar Wind Interaction of Lunar Magnetic Anomalies. Geophysical Research Letters, 2021, 48, e2021GL092425.	4.0	3
22	A Global Empirical Model of Electron Density Profile in the F Region Ionosphere Basing on COSMIC Measurements. Space Weather, 2021, 19, e2020SW002642.	3.7	9
23	Occurrence of Ionospheric Equatorial Ionization Anomaly at 840Âkm Height Observed by the DMSP Satellites at Solar Maximum Dusk. Space Weather, 2021, 19, e2020SW002690.	3.7	4
24	The Ionosphere at Middle and Low Latitudes Under Geomagnetic Quiet Time of December 2019. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028964.	2.4	8
25	Lithosphere ionosphere coupling associated with three earthquakes in Pakistan from GPS and GIM TEC. Journal of Geodynamics, 2021, 147, 101860.	1.6	14
26	Equinoctial Asymmetry in Solar Quiet Fields along the 120° E Meridian Chain. Applied Sciences (Switzerland), 2021, 11, 9150.	2.5	4
27	Measurement of Martian atmospheric winds by the O2 1.27 μm airglow observations using Doppler Michelson Interferometry: A concept study. Science China Earth Sciences, 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 Solarâ€Wind Ions. Geophysical Research Letters, 2021, 48, .	4.0	3
30	Comparison of TEC from IRI-2016 and GPS during the low solar activity over Turkey. Astrophysics and Space Science, 2020, 365, 1.	1.4	19
31	Effects of the 21 June 2020 Solar Eclipse on Conjugate Hemispheres: A Modeling Study. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028344.	2.4	14
32	Unexpected High Occurrence of Daytime Fâ€Region Backscatter Plume Structures Over Low Latitude Sanya and Their Possible Origin. Geophysical Research Letters, 2020, 47, e2020GL090517.	4.0	13
33	Persistence of the Longâ€Ðuration Daytime TEC Enhancements at Different Longitudinal Sectors During the August 2018 Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028238.	2.4	15
34	Equatorial Northâ€South Difference of Noontime Electron Density Biteâ€Out in the <i>F</i> ₂ Layer. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028124.	2.4	10
35	Westward Electric Fields in the Afternoon Equatorial Ionosphere During Geomagnetically Quiet Times. Journal of Geophysical Research: Space Physics, 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. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027751.	2.4	10

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

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55	Anomaly distribution of ionospheric total electron content responses to some solar flares. Earth and Planetary Physics, 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. Journal of Geophysical Research: Space Physics, 2018, 123, 3005-3013.	2.4	19
5 7	Largeâ€Scale Structure of Subauroral Polarization Streams During the Main Phase of a Severe Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2018, 123, 2964-2973.	2.4	18
58	Responses of Solar Irradiance and the Ionosphere to an Intense Activity Region. Journal of Geophysical Research: Space Physics, 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. Earth, Planets and Space, 2018, 70, .	2.5	19
60	Chinese ionospheric investigations in 2016–2017. Earth and Planetary Physics, 2018, , 89-111.	1.1	7
61	Transition of Interhemispheric Asymmetry of Equatorial Ionization Anomaly During Solstices. Journal of Geophysical Research: Space Physics, 2018, 123, 10,283.	2.4	15
62	An introduction to equatorial electrodynamics and a review of an additional layer at low latitudes. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 181, 94-109.	1.6	5
63	Statistical Behavior of the Longitudinal Variations of the Evening Topside Mid‣atitude Trough Position in both Northern and Southern Hemispheres. Journal of Geophysical Research: Space Physics, 2018, 123, 3983-3997.	2.4	10
64	Equatorial Ionospheric Disturbance Fieldâ€Aligned Plasma Drifts Observed by C/NOFS. Journal of Geophysical Research: Space Physics, 2018, 123, 4192-4201.	2.4	6
65	Longitudinal Structure of the Midlatitude Ionosphere Using COSMIC Electron Density Profiles. Journal of Geophysical Research: Space Physics, 2018, 123, 8766-8777.	2.4	13
66	A brief review of equatorial ionization anomaly and ionospheric irregularities. Earth and Planetary Physics, 2018, 2, 1-19.	1.1	130
67	Mesospheric temperatures estimated from the meteor radar observations at Mohe, China. Journal of Geophysical Research: Space Physics, 2017, 122, 2249-2259.	2.4	21
68	First observation of presunset ionospheric <i>F</i> region bottomâ€ŧype scattering layer. Journal of Geophysical Research: Space Physics, 2017, 122, 3788-3797.	2.4	20
69	Peak height of OH airglow derived from simultaneous observations a Fabryâ€Perot interferometer and a meteor radar. Journal of Geophysical Research: Space Physics, 2017, 122, 4628-4637.	2.4	8
70	Equatorial ionospheric electrodynamics during solar flares. Geophysical Research Letters, 2017, 44, 4558-4565.	4.0	30
71	Regional differences of the ionospheric response to the July 2012 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2017, 122, 4654-4668.	2.4	23
72	Global tidal mapping from observations of a radar campaign. Advances in Space Research, 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. Journal of Geophysical Research: Space Physics, 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. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 156, 87-96.	1.6	19
75	Variations of the meteor echo heights at Beijing and Mohe, China. Journal of Geophysical Research: Space Physics, 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. Journal of Geophysical Research: Space Physics, 2017, 122, 963-977.	2.4	22
77	The Storm Time Evolution of the Ionospheric Disturbance Plasma Drifts. Journal of Geophysical Research: Space Physics, 2017, 122, 11,665.	2.4	23
78	Dependence of thermospheric zonal winds on solar flux, geomagnetic activity, and hemisphere as measured by CHAMP. Journal of Geophysical Research: Space Physics, 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_Plas model results. Advances in Space Research, 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. Earth, Planets and Space, 2016, 68, .	2.5	16
81	Mapping the conjugate and corotating stormâ€enhanced density during 17 March 2013 storm through data assimilation. Journal of Geophysical Research: Space Physics, 2016, 121, 12,202.	2.4	24
82	Enhanced ionospheric plasma bubble generation in more active ITCZ. Geophysical Research Letters, 2016, 43, 2389-2395.	4.0	57
83	An ionospheric assimilation model along a meridian plane. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 145, 125-135.	1.6	0
84	A global picture of ionospheric slab thickness derived from GIM TEC and COSMIC radio occultation observations. Journal of Geophysical Research: Space Physics, 2016, 121, 867-880.	2.4	21
85	Long″asting negative ionospheric storm effects in low and middle latitudes during the recovery phase of the 17 March 2013 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2016, 121, 9234-9249.	2.4	49
86	Effects of disturbed electric fields in the lowâ€latitude and equatorial ionosphere during the 2015 St. Patrick's Day storm. Journal of Geophysical Research: Space Physics, 2016, 121, 9111-9126.	2.4	60
87	A modeling study of global ionospheric and thermospheric responses to extreme solar flare. Journal of Geophysical Research: Space Physics, 2016, 121, 832-840.	2.4	18
88	Evidence and effects of the sunrise enhancement of the equatorial vertical plasma drift in the <i>F</i> region ionosphere. Journal of Geophysical Research: Space Physics, 2016, 121, 4826-4834.	2.4	17
89	Equatorial ionization anomaly in the low″atitude topside ionosphere: Local time evolution and longitudinal difference. Journal of Geophysical Research: Space Physics, 2016, 121, 7166-7182.	2.4	27
90	The global distribution of the duskâ€ŧoâ€nighttime enhancement of summer <i>N_mF</i> ₂ at solar minimum. Journal of Geophysical Research: Space Physics, 2016, 121, 7914-7922.	2.4	22

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91	A comparison of mesospheric and lowâ€thermospheric winds measured by Fabryâ€Perot interferometer and meteor radar over central China. Journal of Geophysical Research: Space Physics, 2016, 121, 10,037.	2.4	10
92	Alfvén wings in the lunar wake: The role of pressure gradients. Journal of Geophysical Research: Space Physics, 2016, 121, 10,698.	2.4	17
93	New understanding achieved from 2 years of Chinese ionospheric investigations. Science Bulletin, 2016, 61, 524-542.	9.0	7
94	The dawn enhancement of the equatorial ionospheric vertical plasma drift. Journal of Geophysical Research: Space Physics, 2015, 120, 10,688.	2.4	20
95	Formation of polar ionospheric tongue of ionization during minor geomagnetic disturbed conditions. Journal of Geophysical Research: Space Physics, 2015, 120, 6860-6873.	2.4	19
96	Modeling Chinese ionospheric layer parameters based on EOF analysis. Space Weather, 2015, 13, 339-355.	3.7	12
97	An empirical model of the topside plasma density around 600 km based on ROCSATâ€1 and Hinotori observations. Journal of Geophysical Research: Space Physics, 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. Earth, Planets and Space, 2015, 67, .	2.5	11
99	Statistical analysis of ionospheric mid-latitude trough over the Northern Hemisphere derived from GPS total electron content data. Earth, Planets and Space, 2015, 67, .	2.5	32
100	The variability of nonmigrating tides detected from TIMED/SABER observations. Journal of Geophysical Research: Space Physics, 2015, 120, 10,793.	2.4	22
101	Dipole tilt angle effect on magnetic reconnection locations on the magnetopause. Journal of Geophysical Research: Space Physics, 2015, 120, 5344-5354.	2.4	18
102	<i>N_mF₂</i> enhancement during ionospheric <i>F</i> ₂ region nighttime: A statistical analysis based on COSMIC observations during the 2007–2009 solar minimum. Journal of Geophysical Research: Space Physics, 2015, 120, 10083-10095.	2.4	24
103	Shear in the zonal drifts of 3 m irregularities inside spread <i>F</i> plumes observed over Sanya. Journal of Geophysical Research: Space Physics, 2015, 120, 8146-8154.	2.4	7
104	Dusk-to-nighttime enhancement of mid-latitude <i>Nm</i> F2 in local summer: inter-hemispheric asymmetry and solar activity dependence. Annales Geophysicae, 2015, 33, 711-718.	1.6	13
105	Seasonal variations of MLT tides revealed by a meteor radar chain based on Hough mode decomposition. Journal of Geophysical Research: Space Physics, 2015, 120, 7030-7048.	2.4	25
106	A comparative study of GPS ionospheric scintillations and ionogram spread F over Sanya. Annales Geophysicae, 2015, 33, 1421-1430.	1.6	10
107	The longâ€duration positive storm effects in the equatorial ionosphere over Jicamarca. Journal of Geophysical Research: Space Physics, 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. Science China Earth Sciences, 2015, 58, 151-158.	5.2	11

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

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127	A case study of postmidnight enhancement in Fâ€layer electron density over Sanya of China. Journal of Geophysical Research: Space Physics, 2013, 118, 4640-4648.	2.4	51
128	Statistical study of largeâ€scale traveling ionospheric disturbances generated by the solar terminator over China. Journal of Geophysical Research: Space Physics, 2013, 118, 4583-4593.	2.4	37
129	The ionospheric anomalies prior to the M9.0 Tohoku-Oki earthquake. Journal of Asian Earth Sciences, 2013, 62, 476-484.	2.3	48
130	Tidal wind mapping from observations of a meteor radar chain in December 2011. Journal of Geophysical Research: Space Physics, 2013, 118, 2321-2332.	2.4	58
131	Statistical analysis of ionospheric responses to solar flares in the solar cycle 23. Journal of Geophysical Research: Space Physics, 2013, 118, 576-582.	2.4	46
132	Longitudinal characteristics of spread <i>F</i> backscatter plumes observed with the EAR and Sanya VHF radar in Southeast Asia. Journal of Geophysical Research: Space Physics, 2013, 118, 6544-6557.	2.4	45
133	Coupling between mesosphere and ionosphere over Beijing through semidiurnal tides during the 2009 sudden stratospheric warming. Journal of Geophysical Research: Space Physics, 2013, 118, 2511-2521.	2.4	41
134	Modeling the global <i>Nm</i> F2 from the GNSSâ€derived TECâ€GIMs. Space Weather, 2013, 11, 272-283.	3.7	8
135	On the linkage of daytime 150 km echoes and abnormal intermediate layer traces over Sanya. Journal of Geophysical Research: Space Physics, 2013, 118, 7262-7267.	2.4	24
136	The effect of solar radio bursts on the GNSS radio occultation signals. Journal of Geophysical Research: Space Physics, 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. Annales Geophysicae, 2012, 30, 683-694.	1.6	26
138	Equinoctial asymmetry in solar activity variations of <l>Nm</l> F2 and TEC. Annales Geophysicae, 2012, 30, 613-622.	1.6	36
139	A global morphology of gravity wave activity in the stratosphere revealed by the 8â€year SABER/TIMED data. Journal of Geophysical Research, 2012, 117, .	3.3	35
140	Simulated midlatitude summer nighttime anomaly in realistic geomagnetic fields. Journal of Geophysical Research, 2012, 117, .	3.3	27
141	A simulation study for the couplings between DE3 tide and longitudinal WN4 structure in the thermosphere and ionosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 90-91, 52-60.	1.6	34
142	Influence of interplanetary solar wind sector polarity on the ionosphere. Journal of Geophysical Research, 2012, 117, .	3.3	6
143	Highâ€speed stream impacts on the equatorial ionization anomaly region during the deep solar minimum year 2008. Journal of Geophysical Research, 2012, 117, .	3.3	30
144	An analysis of thermospheric density response to solar flares during 2001–2006. Journal of Geophysical Research, 2012, 117, .	3.3	24

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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
151	The first time observations of low-latitude ionospheric irregularities by VHF radar in Hainan. Science China Technological Sciences, 2012, 55, 1189-1197.	4.0	36
152	Empirical modeling of ionospheric F2 layer critical frequency over Wakkanai under geomagnetic quiet and disturbed conditions. Science China Technological Sciences, 2012, 55, 1169-1177.	4.0	11
153	Modeling the global ionospheric total electron content with empirical orthogonal function analysis. Science China Technological Sciences, 2012, 55, 1161-1168.	4.0	48
154	TIME3D-IGGCAS: A new three-dimension mid- and low-latitude theoretical ionospheric model in realistic geomagnetic fields. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 80, 258-266.	1.6	12
155	Global characteristics of occurrence of an additional layer in the ionosphere observed by COSMIC/FORMOSAT-3. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	44
156	A statistical analysis of ionospheric anomalies before 736 <i>M</i> 6.0+ earthquakes during 2002-2010. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	123
157	On the occurrence of postmidnight equatorial <i>F</i> region irregularities during the June solstice. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	56
158	Neutral wind-driven gradient drift instability in the low-latitude daytime <i>E</i> region. Journal of Geophysical Research, 2011, 116, .	3.3	7
159	A study on the nighttime midlatitude ionospheric trough. Journal of Geophysical Research, 2011, 116, .	3.3	70
160	The ionosphere under extremely prolonged low solar activity. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	61
161	Does the <i>F</i> _{10.7} index correctly describe solar EUV flux during the deep solar minimum of 2007-2009?. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	73
162	Strong evidence for couplings between the ionospheric wave-4 structure and atmospheric tides. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	30

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163	Statistical analysis of solar EUV and X-ray flux enhancements induced by solar flares and its implication to upper atmosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	27
164	On the relationship between the postmidnight thermospheric equatorial mass anomaly and equatorial ionization anomaly under geomagnetic quiet conditions. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	7
165	Ionospheric response to the X-class solar flare on 7 September 2005. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	33
166	Observations and simulations of seismoionospheric GPS total electron content anomalies before the 12 January 2010 <i>M</i> 7 Haiti earthquake. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	73
167	Manifestation of planetary wave-type oscillations in variations in the critical frequencies of the ionospheric F2 layer in the Asian region. Geomagnetism and Aeronomy, 2011, 51, 762-773.	0.8	1
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