

# Libo Liu

## List of Publications by Citations

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247  
papers

5,436  
citations

39  
h-index

56  
g-index

270  
ext. papers

6,370  
ext. citations

2.8  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
247	Solar activity variations of the ionospheric peak electron density. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		153
246	Is an unusual large enhancement of ionospheric electron density linked with the 2008 great Wenchuan earthquake?. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		135
245	Wavenumber-4 patterns of the total electron content over the low latitude ionosphere. <i>Geophysical Research Letters</i> , <b>2008</b> , 35, n/a-n/a	4.9	132
244	Solar activity effects of the ionosphere: A brief review. <i>Science Bulletin</i> , <b>2011</b> , 56, 1202-1211		126
243	Variations of electron density based on long-term incoherent scatter radar and ionosonde measurements over Millstone Hill. <i>Radio Science</i> , <b>2005</b> , 40, n/a-n/a	1.4	105
242	A statistical analysis of ionospheric anomalies before 736 M6.0+ earthquakes during 2002-2010. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		89
241	A study of the Weddell Sea Anomaly observed by FORMOSAT-3/COSMIC. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		85
240	Climatology of the mean total electron content derived from GPS global ionospheric maps. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		82
239	Statistical analysis of solar activity variations of total electron content derived at Jet Propulsion Laboratory from GPS observations. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		73
238	Seasonal variations of the ionospheric electron densities retrieved from Constellation Observing System for Meteorology, Ionosphere, and Climate mission radio occultation measurements. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		72
237	Topside ionospheric scale heights retrieved from Constellation Observing System for Meteorology, Ionosphere, and Climate radio occultation measurements. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		65
236	An analysis of the scale heights in the lower topside ionosphere based on the Arecibo incoherent scatter radar measurements. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		62
235	Characteristics of the ionospheric total electron content of the equatorial ionization anomaly in the Asian-Australian region during 1996-2004. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 3861-3873	2	60
234	Does the F10.7 index correctly describe solar EUV flux during the deep solar minimum of 2007-2009?. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		59
233	Observations and simulations of seismoionospheric GPS total electron content anomalies before the 12 January 2010 M7 Haiti earthquake. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		59
232	Longitudinal variations of electron temperature and total ion density in the sunset equatorial topside ionosphere. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	59
231	Features of the middle- and low-latitude ionosphere during solar minimum as revealed from COSMIC radio occultation measurements. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		58

230	A statistical study of large-scale traveling ionospheric disturbances observed by GPS TEC during major magnetic storms over the years 2003-2005. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		58
229	A brief review of equatorial ionization anomaly and ionospheric irregularities. <i>Earth and Planetary Physics</i> , <b>2018</b> , 2, 1-19	1.6	55
228	Statistical modeling of ionospheric foF2 over Wuhan. <i>Radio Science</i> , <b>2004</b> , 39, n/a-n/a	1.4	55
227	The ionosphere under extremely prolonged low solar activity. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		53
226	A study on the nighttime midlatitude ionospheric trough. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		52
225	Latitudinal dependence of the ionospheric response to solar eclipses. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		51
224	Yearly variations of global plasma densities in the topside ionosphere at middle and low latitudes. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		50
223	Intra-annual variation of wave number 4 structure of vertical E <sub>z</sub> drifts in the equatorial ionosphere seen from ROCSAT-1. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		49
222	Effects of solar variability on thermosphere density from CHAMP accelerometer data. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		47
221	Tidal wind mapping from observations of a meteor radar chain in December 2011. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 2321-2332	2.6	46
220	Three-dimensional lunar wake reconstructed from ARTEMIS data. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 5220-5243	2.6	45
219	Anomalous enhancement of ionospheric electron content in the Asian-Australian region during a geomagnetically quiet day. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		44
218	Global characteristics of occurrence of an additional layer in the ionosphere observed by COSMIC/FORMOSAT-3. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	43
217	A case study of postmidnight enhancement in F-layer electron density over Sanya of China. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 4640-4648	2.6	42
216	Correlation between the ionospheric WN4 signature and the upper atmospheric DE3 tide. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		42
215	Effects of geomagnetic storm on GPS ionospheric scintillations at Sanya. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2008</b> , 70, 1034-1045	2	42
214	Enhanced ionospheric plasma bubble generation in more active ITCZ. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 2389-2395	4.9	42
213	Planetary wave-type oscillations in the ionosphere and their relationship to mesospheric/lower thermospheric and geomagnetic disturbances at Wuhan (30.6°N, 114.5°E). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2006</b> , 68, 498-508	2	41

212	GPS TEC response to the 22 July 2009 total solar eclipse in East Asia. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		40
211	Characterizing the 10 November 2004 storm-time middle-latitude plasma bubble event in Southeast Asia using multi-instrument observations. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		40
210	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> , <b>2016</b> , 121, 9111-9126	2.6	40
209	The ionospheric anomalies prior to the M9.0 Tohoku-Oki earthquake. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 62, 476-484	2.8	39
208	The GPS measured SITEC caused by the very intense solar flare on July 14, 2000. <i>Advances in Space Research</i> , <b>2005</b> , 36, 2465-2469	2.4	39
207	Applying artificial neural network to derive long-term foF2 trends in the Asia/Pacific sector from ionosonde observations. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		38
206	A statistical study of ionospheric profile parameters derived from Millstone Hill incoherent scatter radar measurements. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4.9	38
205	On the occurrence of postmidnight equatorial F region irregularities during the June solstice. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		37
204	Ionosphere around equinoxes during low solar activity. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		37
203	Ionosphere disturbances observed throughout Southeast Asia of the superstorm of 2002 November 2003. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		37
202	Global scale annual and semi-annual variations of daytime NmF2 in the high solar activity years. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2004</b> , 66, 1691-1701	2	37
201	Modeling the global ionospheric total electron content with empirical orthogonal function analysis. <i>Science China Technological Sciences</i> , <b>2012</b> , 55, 1161-1168	3.5	36
200	Prestorm enhancements in NmF2 and total electron content at low latitudes. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		36
199	Solar activity variations of equivalent winds derived from global ionosonde data. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		36
198	Correlative study of plasma bubbles, evening equatorial ionization anomaly, and equatorial prereversal E $\vec{B}$ drifts at solar maximum. <i>Radio Science</i> , <b>2008</b> , 43, n/a-n/a	1.4	35
197	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> , <b>2013</b> , 118, 6544-6557	2.6	34
196	Equinoctial asymmetry of ionospheric vertical plasma drifts and its effect on F-region plasma density. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		34
195	Solar activity variations of nighttime ionospheric peak electron density. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		34

194	Modeling the responses of the middle latitude ionosphere to solar flares. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2007</b> , 69, 1587-1598	2	34
193	A prediction model of short-term ionospheric foF2 based on AdaBoost. <i>Advances in Space Research</i> , <b>2014</b> , 53, 387-394	2.4	33
192	Coupling between mesosphere and ionosphere over Beijing through semidiurnal tides during the 2009 sudden stratospheric warming. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 2511-2521	2.6	33
191	Longitudinal development of low-latitude ionospheric irregularities during the geomagnetic storms of July 2004. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		33
190	The midlatitude F2 layer during solar eclipses: Observations and modeling. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		33
189	A global morphology of gravity wave activity in the stratosphere revealed by the 8-year SABER/TIMED data. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		32
188	Simulated wave number 4 structure in equatorial F-region vertical plasma drifts. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		32
187	Statistical analysis of ionospheric responses to solar flares in the solar cycle 23. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 576-582	2.6	31
186	The low latitude ionospheric effects of the April 2000 magnetic storm near the longitude 120°E. <i>Earth, Planets and Space</i> , <b>2004</b> , 56, 607-612	2.9	31
185	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> , <b>2016</b> , 121, 9234-9249	2.6	31
184	Solar activity dependence of the topside ionosphere at low latitudes. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		30
183	The propagation of traveling atmospheric disturbances observed during the April 6 <sup>th</sup> , 2000 ionospheric storm. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 12-1-12-4	4.9	30
182	An update global model of hmF2 from values estimated from ionosonde and COSMIC/FORMOSAT-3 radio occultation. <i>Advances in Space Research</i> , <b>2014</b> , 53, 395-402	2.4	29
181	Longitudinal modulation of the O/N2 column density retrieved from TIMED/GUVI measurement. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	29
180	Modeling M(3000)F2 based on empirical orthogonal function analysis method. <i>Radio Science</i> , <b>2008</b> , 43, n/a-n/a	1.4	29
179	First results of the tidal structure in the MLT revealed by Wuhan Meteor Radar (30°40'N, 114°30'E). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2004</b> , 66, 675-682	2	29
178	Ionospheric response to the X-class solar flare on 7 September 2005. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		28
177	Ionospheric total electron content variations prior to the 2008 Wenchuan Earthquake. <i>International Journal of Remote Sensing</i> , <b>2010</b> , 31, 3545-3557	3.1	28

176	Statistical study of large-scale traveling ionospheric disturbances generated by the solar terminator over China. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 4583-4593	2.6	27
175	Validation of COSMIC ionospheric peak parameters by the measurements of an ionosonde chain in China. <i>Annales Geophysicae</i> , <b>2014</b> , 32, 1311-1319	2	27
174	Equinoctial asymmetry in solar activity variations of $f_oF_2$ and TEC. <i>Annales Geophysicae</i> , <b>2012</b> , 30, 613-622	2	27
173	Data assimilation of incoherent scatter radar observation into a one-dimensional midlatitude ionospheric model by applying ensemble Kalman filter. <i>Radio Science</i> , <b>2007</b> , 42,	1.4	27
172	Variability study of the crest-to-trough TEC ratio of the equatorial ionization anomaly around 120°E longitude. <i>Advances in Space Research</i> , <b>2009</b> , 43, 1762-1769	2.4	26
171	Seasonal behavior of equivalent winds over Wuhan derived from ionospheric data in 2000-2001. <i>Advances in Space Research</i> , <b>2003</b> , 32, 1765-1770	2.4	26
170	The first time observations of low-latitude ionospheric irregularities by VHF radar in Hainan. <i>Science China Technological Sciences</i> , <b>2012</b> , 55, 1189-1197	3.5	25
169	Further study on the solar activity variation of daytime NmF2. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		25
168	Influences of geomagnetic fields on longitudinal variations of vertical plasma drifts in the presunset equatorial topside ionosphere. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		25
167	Development of a middle and low latitude theoretical ionospheric model and an observation system data assimilation experiment. <i>Science Bulletin</i> , <b>2008</b> , 53, 94-101		25
166	A case study of ionospheric storm effects during long-lasting southward IMF Bz-driven geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 7716-7731	2.6	24
165	Statistical analysis of ionospheric mid-latitude trough over the Northern Hemisphere derived from GPS total electron content data. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	24
164	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> , <b>2012</b> , 90-91, 52-60	2	24
163	Statistical analysis of solar EUV and X-ray flux enhancements induced by solar flares and its implication to upper atmosphere. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		24
162	GCITEM-IGGCAS: A new global coupled ionosphere-thermosphere-electrodynamics model. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2009</b> , 71, 2064-2076	2	24
161	Strong evidence for couplings between the ionospheric wave-4 structure and atmospheric tides. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	23
160	Equatorial ionospheric electrodynamics during solar flares. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 4558-4565	4.5	22
159	High-speed stream impacts on the equatorial ionization anomaly region during the deep solar minimum year 2008. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		22

158	Ionospheric response to the geomagnetic storm on 13–17 April 2006 in the West Pacific region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2009</b> , 71, 88-100	2	22
157	Variability of the behavior of the bottomside (B0, B1) parameters obtained from the ground-based ionograms at China’s low latitude station. <i>Advances in Space Research</i> , <b>2008</b> , 42, 695-702	2.4	22
156	An analysis of thermospheric density response to solar flares during 2001–2006. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		21
155	Global propagation features of large-scale traveling ionospheric disturbances during the magnetic storm of 7–10 November 2004. <i>Annales Geophysicae</i> , <b>2012</b> , 30, 683-694	2	21
154	Evaluation of global modeling of M(3000)F2 and hmF2 based on alternative empirical orthogonal function expansions. <i>Advances in Space Research</i> , <b>2010</b> , 46, 1024-1031	2.4	21
153	A comparative study of the bottomside profile parameters over Wuhan with IRI-2001 for 1999–2004. <i>Earth, Planets and Space</i> , <b>2006</b> , 58, 601-605	2.9	21
152	Modeling study of nighttime enhancements in F region electron density at low latitudes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 6648-6656	2.6	20
151	Comparative study of the equatorial ionosphere over Jicamarca during recent two solar minima. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117,		20
150	Seasonal behavior of meteor radar winds over Wuhan. <i>Earth, Planets and Space</i> , <b>2005</b> , 57, 61-70	2.9	20
149	Modeling the behavior of ionosphere above Millstone Hill during the September 21–27, 1998 storm. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2004</b> , 66, 1093-1102	2	20
148	Comparison between ionospheric peak parameters retrieved from COSMIC measurement and ionosonde observation over Sanya. <i>Advances in Space Research</i> , <b>2014</b> , 54, 929-938	2.4	19
147	Simulated midlatitude summer nighttime anomaly in realistic geomagnetic fields. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		19
146	The discrepancy in solar EUV-proxy correlations on solar cycle and solar rotation timescales and its manifestation in the ionosphere. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		19
145	Modeling the effects of secular variation of geomagnetic field orientation on the ionospheric long term trend over the past century. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		19
144	Automatic scaling of F2-layer parameters from ionograms based on the empirical orthogonal function (EOF) analysis of ionospheric electron density. <i>Earth, Planets and Space</i> , <b>2007</b> , 59, 51-58	2.9	19
143	Mesospheric temperatures estimated from the meteor radar observations at Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 2249-2259	2.6	18
142	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> , <b>2017</b> , 122, 963-977	2.6	18
141	Equatorial ionization anomaly in the low-latitude topside ionosphere: Local time evolution and longitudinal difference. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 7166-7182	2.6	18

140	Geomagnetic activity effect on the global ionosphere during the 2007–2009 deep solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 3747-3754	2.6	18
139	The dawn enhancement of the equatorial ionospheric vertical plasma drift. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 10,688-10,697	2.6	18
138	The variability of nonmigrating tides detected from TIMED/SABER observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 10,793-10,808	2.6	18
137	NmF2 enhancement during ionospheric F2 region nighttime: A statistical analysis based on COSMIC observations during the 2007–2009 solar minimum. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 10083-10095	2.6	18
136	The long-duration positive storm effects in the equatorial ionosphere over Jicamarca. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 1311-1324	2.6	18
135	The Storm Time Evolution of the Ionospheric Disturbance Plasma Drifts. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 11,665-11,676	2.6	17
134	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> , <b>2014</b> , 119, 519-529	2.6	17
133	On the linkage of daytime 150 km echoes and abnormal intermediate layer traces over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 7262-7267	2.6	17
132	Response of the topside ionosphere to recurrent geomagnetic activity. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		17
131	Statistical Study of the Storm Effects in Middle and Low Latitude Ionosphere in the East-Asian Sector. <i>Chinese Journal of Geophysics</i> , <b>2008</b> , 51, 435-443		17
130	A study of the shape of topside electron density profile derived from incoherent scatter radar measurements over Arecibo and Millstone Hill. <i>Radio Science</i> , <b>2006</b> , 41, n/a-n/a	1.4	17
129	The 16-day waves in the mesosphere and lower thermosphere over Wuhan (30.6°N, 114.5°E) and Adelaide (35°S, 138°E). <i>Advances in Space Research</i> , <b>2005</b> , 35, 2005-2010	2.4	17
128	Regional differences of the ionospheric response to the July 2012 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 4654-4668	2.6	16
127	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> , <b>2017</b> , 156, 87-96	2	16
126	How does ionospheric TEC vary if solar EUV irradiance continuously decreases?. <i>Earth, Planets and Space</i> , <b>2014</b> , 66,	2.9	16
125	Dipole tilt angle effect on magnetic reconnection locations on the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 5344-5354	2.6	16
124	Observations and modeling of the ionospheric behaviors over the east Asia zone during the 22 July 2009 solar eclipse. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		16
123	Longitudinal behaviors of the IRI-B parameters of the equatorial electron density profiles retrieved from FORMOSAT-3/COSMIC radio occultation measurements. <i>Advances in Space Research</i> , <b>2010</b> , 46, 1064-1069 <sup>16</sup>	2.4	16



122	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> , <b>2018</b> , 123, 3005-3013	2.6	15
121	Evidence and effects of the sunrise enhancement of the equatorial vertical plasma drift in the F region ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 4826-4834	2.6	15
120	Seasonal variations of MLT tides revealed by a meteor radar chain based on Hough mode decomposition. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 7030-7048	2.6	15
119	Superposed epoch analyses of thermospheric response to CIRs: Solar cycle and seasonal dependencies. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		15
118	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> , <b>2018</b> , 70,	2.9	15
117	First observation of presunset ionospheric F region bottom-type scattering layer. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 3788-3797	2.6	14
116	Alfvén wings in the lunar wake: The role of pressure gradients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 10,698-10,711	2.6	14
115	Low latitude ionospheric effects near longitude 120°E during the great geomagnetic storm of July 2000. <i>Science in China Series A: Mathematics</i> , <b>2002</b> , 45, 148-155		14
114	Solar activity dependence of effective winds derived from ionospheric data at Wuhan. <i>Advances in Space Research</i> , <b>2003</b> , 32, 1719-1724	2.4	14
113	A global picture of ionospheric slab thickness derived from GIM TEC and COSMIC radio occultation observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 867-880	2.6	14
112	Equatorial Ionospheric Electrodynamics Over Jicamarca During the 6–11 September 2017 Space Weather Event. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1292-1306	2.6	13
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110	An empirical model of ionospheric foE over Wuhan. <i>Earth, Planets and Space</i> , <b>2006</b> , 58, 323-330	2.9	13
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