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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

254
papers

6,703
citations

45
h-index

68
g-index

269
ext. papers

7,809
ext. citations

2.8
avg, IF

5.67
L-index

#	Paper	IF	Citations
254	Pre-earthquake ionospheric anomalies registered by continuous GPS TEC measurements. <i>Annales Geophysicae</i> , 2004 , 22, 1585-1593	2	309
253	Variations of ionospheric total electron content during the Chi-Chi Earthquake. <i>Geophysical Research Letters</i> , 2001 , 28, 1383-1386	4.9	212
252	A statistical investigation of preearthquake ionospheric anomaly. <i>Journal of Geophysical Research</i> , 2006 , 111,		187
251	Seismo-ionospheric signatures prior to M8.0 Taiwan earthquakes. <i>Geophysical Research Letters</i> , 2000 , 27, 3113-3116	4.9	182
250	Seismoionospheric GPS total electron content anomalies observed before the 12 May 2008 Mw7.9 Wenchuan earthquake. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		178
249	Theoretical study of the low- and midlatitude ionospheric electron density enhancement during the October 2003 superstorm: Relative importance of the neutral wind and the electric field. <i>Journal of Geophysical Research</i> , 2005 , 110,		151
248	Plausible effect of atmospheric tides on the equatorial ionosphere observed by the FORMOSAT-3/COSMIC: Three-dimensional electron density structures. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	140
247	Ionospheric disturbances triggered by the 11 March 2011 M9.0 Tohoku earthquake. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		129
246	Motions of the equatorial ionization anomaly crests imaged by FORMOSAT-3/COSMIC. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	126
245	Longitudinal structure of the equatorial ionosphere: Time evolution of the four-peaked EIA structure. <i>Journal of Geophysical Research</i> , 2007 , 112, n/a-n/a		111
244	Giant ionospheric disturbances excited by the M9.3 Sumatra earthquake of 26 December 2004. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	98
243	A statistical analysis of ionospheric anomalies before 736 M6.0+ earthquakes during 2002-2010. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		89
242	Midlatitude summer nighttime anomaly of the ionospheric electron density observed by FORMOSAT-3/COSMIC. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		81
241	Ionospheric total electron content response to solar eclipses. <i>Journal of Geophysical Research</i> , 1999 , 104, 12657-12668		79
240	Total Electron Content Obtained by Using the Global Positioning System. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 1996 , 7, 107	1.8	76
239	Ionospheric GPS total electron content (TEC) disturbances triggered by the 26 December 2004 Indian Ocean tsunami. <i>Journal of Geophysical Research</i> , 2006 , 111,		72
238	Seasonal variations of the ionospheric total electron content in Asian equatorial anomaly regions. <i>Journal of Geophysical Research</i> , 2001 , 106, 30363-30369		70

237	Three-dimensional ionospheric electron density structure of the Weddell Sea Anomaly. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		68
236	Solar flare signatures of the ionospheric GPS total electron content. <i>Journal of Geophysical Research</i> , 2006 , 111,		65
235	Statistical analysis of ULF seismomagnetic phenomena at Kakioka, Japan, during 2001-2010. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 4998-5011	2.6	64
234	Global 3-D ionospheric electron density reanalysis based on multisource data assimilation. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		63
233	Causal link of the wave-4 structures in plasma density and vertical plasma drift in the low-latitude ionosphere. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		61
232	Occurrence probability and amplitude of equatorial ionospheric irregularities associated with plasma bubbles during low and moderate solar activities (2008-2012). <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 1186-1199	2.6	60
231	Artificial plasma cave in the low-latitude ionosphere results from the radio occultation inversion of the FORMOSAT-3/COSMIC. <i>Journal of Geophysical Research</i> , 2010 , 115,		60
230	Observations and simulations of seismoionospheric GPS total electron content anomalies before the 12 January 2010 M7 Haiti earthquake. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		59
229	Coseismic ionospheric disturbances triggered by the Chi-Chi earthquake. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		59
228	Large-scale variations of the low-latitude ionosphere during the October-November 2003 superstorm: Observational results. <i>Journal of Geophysical Research</i> , 2005 , 110,		59
227	Atmospheric anomalies observed during earthquake occurrences. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	59
226	Assimilation of FORMOSAT-3/COSMIC electron density profiles into a coupled thermosphere/ionosphere model using ensemble Kalman filtering. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		58
225	Space Weather Observations by GNSS Radio Occultation: From FORMOSAT-3/COSMIC to FORMOSAT-7/COSMIC-2. <i>Space Weather</i> , 2014 , 12, 616-621	3.7	56
224	Concentric traveling ionosphere disturbances triggered by Super Typhoon Meranti (2016). <i>Geophysical Research Letters</i> , 2017 , 44, 1219-1226	4.9	55
223	Tsunamigenic ionospheric hole. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	55
222	Statistics of geomagnetic storms and ionospheric storms at low and mid latitudes in two solar cycles. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		55
221	An empirical model of the quiet daily geomagnetic field variation. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		55
220	Physical mechanisms of the ionospheric storms at equatorial and higher latitudes during the recovery phase of geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 2660-2669	2.6	54

219	Ionospheric foF2 and TEC Anomalous Days Associated with $M \geq 5.0$ Earthquakes in Taiwan during 1997-1999. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2004 , 15, 371	1.8	52
218	Ionospheric solar flare effects monitored by the ground-based GPS receivers: Theory and observation. <i>Journal of Geophysical Research</i> , 2004 , 109,		50
217	Statistical Tests for Pre-earthquake Ionospheric Anomaly. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2004 , 15, 385	1.8	50
216	Comparisons of GPS/MET retrieved ionospheric electron density and ground based ionosonde data. <i>Earth, Planets and Space</i> , 2001 , 53, 193-205	2.9	48
215	A study of tomographically reconstructed ionospheric images during a solar eclipse. <i>Journal of Geophysical Research</i> , 1999 , 104, 79-94		48
214	Stationary planetary wave and nonmigrating tidal signatures in ionospheric wave 3 and wave 4 variations in 2007-2011 FORMOSAT-3/COSMIC observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6651-6665	2.6	47
213	Statistical investigation of the saturation effect in the ionospheric foF2 versus sunspot, solar radio noise, and solar EUV radiation. <i>Journal of Geophysical Research</i> , 2003 , 108,		47
212	The effects of the pre-reversal ExB drift, the EIA asymmetry, and magnetic activity on the equatorial spread F during solar maximum. <i>Annales Geophysicae</i> , 2005 , 23, 745-751	2	46
211	Observational evidence of ionospheric migrating tide modification during the 2009 stratospheric sudden warming. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	45
210	Reduction of electron temperature in low-latitude ionosphere at 600 km before and after large earthquakes. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		45
209	Global S4 index variations observed using FORMOSAT-3/COSMIC GPS RO technique during a solar minimum year. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		44
208	The vertical propagation of disturbances triggered by seismic waves of the 11 March 2011 M9.0 Tohoku earthquake over Taiwan. <i>Geophysical Research Letters</i> , 2016 , 43, 1759-1765	4.9	40
207	New aspects of thermospheric and ionospheric storms revealed by CHAMP. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		40
206	Long-distance propagation of ionospheric disturbance generated by the 2011 off the Pacific coast of Tohoku Earthquake. <i>Earth, Planets and Space</i> , 2011 , 63, 881-884	2.9	40
205	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> , 2009 , 114, n/a-n/a		40
204	The solar flare radiation responsible for sudden frequency deviation and geomagnetic fluctuation. <i>Journal of Geophysical Research</i> , 1996 , 101, 10855-10862		38
203	Ionosphere disturbances observed throughout Southeast Asia of the superstorm of 2002 November 2003. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		37
202	Seismo-ionospheric anomalies of the GPS-TEC appear before the 12 May 2008 magnitude 8.0 Wenchuan Earthquake. <i>International Journal of Remote Sensing</i> , 2010 , 31, 3579-3587	3.1	36

201	The ionospheric midlatitude trough observed by FORMOSAT-3/COSMIC during solar minimum. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		35
200	Surface Deformation and Seismic Rebound: Implications and Applications. <i>Surveys in Geophysics</i> , 2011 , 32, 291-313	7.6	35
199	Temporal and spatial precursors in the ionospheric global positioning system (GPS) total electron content observed before the 26 December 2004 M9.3 Sumatra-Andaman Earthquake. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		35
198	Seasonal and local time variation of ionospheric migrating tides in 2007-2011 FORMOSAT-3/COSMIC and TIE-GCM total electron content. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 2545-2564	2.6	33
197	Longitudinal development of low-latitude ionospheric irregularities during the geomagnetic storms of July 2004. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		33
196	Theoretical study of the ionospheric Weddell Sea Anomaly using SAMI2. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		32
195	Seismo-traveling ionospheric disturbances of ionograms observed during the 2011 M w 9.0 Tohoku Earthquake. <i>Earth, Planets and Space</i> , 2011 , 63, 897-902	2.9	32
194	Wind dynamo effects on ground magnetic perturbations and vertical drifts. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		32
193	Groundwater strain coupling before the 1999 M w 7.6 Taiwan Chi-Chi earthquake. <i>Journal of Hydrology</i> , 2015 , 524, 378-384	6	31
192	Seismo-ionospheric anomalies in total electron content of the GIM and electron density of DEMETER before the 27 February 2010 M8.8 Chile earthquake. <i>Advances in Space Research</i> , 2013 , 51, 2309-2315	2.4	31
191	Ionospheric assimilation of radio occultation and ground-based GPS data using non-stationary background model error covariance. <i>Atmospheric Measurement Techniques</i> , 2015 , 8, 171-182	4	31
190	The low latitude ionospheric effects of the April 2000 magnetic storm near the longitude 120°E. <i>Earth, Planets and Space</i> , 2004 , 56, 607-612	2.9	31
189	Effects of inferring unobserved thermospheric and ionospheric state variables by using an Ensemble Kalman Filter on global ionospheric specification and forecasting. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 9256-9267	2.6	30
188	Bow and stern waves triggered by the Moon's shadow boat. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a		30
187	Propagating planetary wave coupling in SABER MLT temperatures and GPS TEC during the 2005/2006 austral summer. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		30
186	Seismo-ionospheric precursor of the 2008 Mw7.9 Wenchuan earthquake observed by FORMOSAT-3/COSMIC. <i>GPS Solutions</i> , 2010 , 14, 83-89	4.4	30
185	The propagation of traveling atmospheric disturbances observed during the April 6 th , 2000 ionospheric storm. <i>Geophysical Research Letters</i> , 2002 , 29, 12-1-12-4	4.9	30
184	Ionospheric data assimilation with thermosphere-ionosphere-electrodynamics general circulation model and GPS-TEC during geomagnetic storm conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 5708-5722	2.6	29

183	Theoretical study of new plasma structures in the low-latitude ionosphere during a major magnetic storm. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		29
182	Electron density profiles in the equatorial ionosphere observed by the FORMOSAT-3/COSMIC and a digisonde at Jicamarca. <i>GPS Solutions</i> , 2010 , 14, 75-81	4.4	29
181	The climatology of ionospheric plasma bubbles and irregularities over Brazil. <i>Annales Geophysicae</i> , 2005 , 23, 379-384	2	29
180	Explanation of the sporadic-E layer formation by comparing FORMOSAT-3/COSMIC data with meteor and wind shear information. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 4568-4579	4.4	28
179	Observations of global ionospheric responses to the 2009 stratospheric sudden warming event by FORMOSAT-3/COSMIC. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		28
178	Anomalous frequency characteristics of groundwater level before major earthquakes in Taiwan. <i>Hydrology and Earth System Sciences</i> , 2013 , 17, 1693-1703	5.5	28
177	Daytime longitudinal structures of electron density and temperature in the topside ionosphere observed by the Hinotori and DEMETER satellites. <i>Journal of Geophysical Research</i> , 2011 , 116,		28
176	Latitudinal distribution of anomalous ion density as a precursor of a large earthquake. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		28
175	Tracking the epicenter and the tsunami origin with GPS ionosphere observation. <i>Earth, Planets and Space</i> , 2011 , 63, 859-862	2.9	27
174	Precursory phenomena associated with the 1999 Chi-Chi earthquake in Taiwan as identified under the iSTEP program. <i>Physics and Chemistry of the Earth</i> , 2006 , 31, 365-377	3	27
173	Ionospheric F2 region perturbed by the 25 April 2015 Nepal earthquake. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 5778-5784	2.6	27
172	Ionospheric Bow Wave Induced by the Moon Shadow Ship Over the Continent of United States on 21 August 2017. <i>Geophysical Research Letters</i> , 2018 , 45, 538-544	4.9	26
171	Thermospheric tidal effects on the ionospheric midlatitude summer nighttime anomaly using SAMI3 and TIEGCM. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 3836-3845	2.6	26
170	Pre-seismic geomagnetic anomaly and earthquake location. <i>Tectonophysics</i> , 2010 , 489, 240-247	3.1	26
169	Ionospheric variability unrelated to solar and geomagnetic activity. <i>Advances in Space Research</i> , 2004 , 34, 1926-1933	2.4	26
168	Ionospheric and thermospheric storms at equatorial latitudes observed by CHAMP, ROCSAT, and DMSP. <i>Journal of Geophysical Research</i> , 2012 , 117,		25
167	Identification of earthquake signals from groundwater level records using the HHT method. <i>Geophysical Journal International</i> , 2010 , 180, 1231-1241	2.6	25
166	Neutral wind effect in producing a storm time ionospheric additional layer in the equatorial ionization anomaly region. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		25

165	Observation and model comparisons of the traveling atmospheric disturbances over the Western Pacific region during the 6 th April 2000 magnetic storm. <i>Journal of Geophysical Research</i> , 2004 , 109,		24
164	Assessment of the Impact of FORMOSAT-7/COSMIC-2 GNSS RO Observations on Midlatitude and Low-Latitude Ionosphere Specification: Observing System Simulation Experiments Using Ensemble Square Root Filter. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 2296-2314	2.6	24
163	Digisonde spread F and GPS phase fluctuations in the equatorial ionosphere during solar maximum. <i>Journal of Geophysical Research</i> , 2006 , 111,		23
162	Empirical models of Total Electron Content based on functional fitting over Taiwan during geomagnetic quiet condition. <i>Annales Geophysicae</i> , 2009 , 27, 3321-3333	2	23
161	Infrasound in the ionosphere from earthquakes and typhoons. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018 , 171, 72-82	2	23
160	Surface displacements in Japan before the 11 March 2011 M9.0 Tohoku-Oki earthquake. <i>Journal of Asian Earth Sciences</i> , 2014 , 80, 165-171	2.8	22
159	Modeling and observations of the low latitude ionosphere-plasmasphere system at long deep solar minimum. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		22
158	A precursory ULF signature for the Chi-Chi earthquake in Taiwan. <i>Natural Hazards and Earth System Sciences</i> , 2001 , 1, 33-36	3.9	22
157	Structure and origins of the Weddell Sea Anomaly from tidal and planetary wave signatures in FORMOSAT-3/COSMIC observations and GAIA GCM simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 1325-1340	2.6	21
156	Magnetic storm free ULF analysis in relation with earthquakes in Taiwan. <i>Natural Hazards and Earth System Sciences</i> , 2012 , 12, 1747-1754	3.9	21
155	Evaluation of seismo-electric anomalies using magnetic data in Taiwan. <i>Natural Hazards and Earth System Sciences</i> , 2013 , 13, 597-604	3.9	21
154	A comparison of the equatorial spread F derived by the International Reference Ionosphere and the S 4 index observed by FORMOSAT-3/COSMIC during the solar minimum period of 2007 th 2009. <i>Earth, Planets and Space</i> , 2012 , 64, 467-471	2.9	21
153	Spread F, GPS phase fluctuations, and plasma bubbles near the crest of equatorial ionization anomaly during solar maximum. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		21
152	The neutral temperature in the ionospheric dynamo region and the ionospheric F region density during Wenchuan and Pingtung Doublet earthquakes. <i>Natural Hazards and Earth System Sciences</i> , 2011 , 11, 1759-1768	3.9	20
151	The heights of sporadic-E layer simultaneously observed by the VHF radar and ionosondes in Chung-Li. <i>Geophysical Research Letters</i> , 2000 , 27, 641-644	4.9	20
150	A possible space-based tsunami early warning system using observations of the tsunami ionospheric hole. <i>Scientific Reports</i> , 2016 , 6, 37989	4.9	20
149	Observation of surface displacements from GPS analyses before and after the Jiashian earthquake (M=6.4) in Taiwan. <i>Journal of Asian Earth Sciences</i> , 2013 , 62, 662-671	2.8	19
148	Modeling impact of FORMOSAT-7/COSMIC-2 mission on ionospheric space weather monitoring. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6518-6523	2.6	19

147	Ionospheric shock waves triggered by rockets. <i>Annales Geophysicae</i> , 2014 , 32, 1145-1152	2	18
146	Modeling the pre-earthquake electrostatic effect on the F region ionosphere. <i>Advances in Space Research</i> , 2012 , 50, 1524-1533	2.4	18
145	Long-term variations of the nighttime electron density enhancement during the ionospheric midlatitude summer. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		18
144	Variations in the equatorial ionization anomaly peaks in the Western Pacific region during the geomagnetic storms of April 6 and July 15, 2000. <i>Earth, Planets and Space</i> , 2007 , 59, 401-405	2.9	18
143	The intermediate layers and associated tidal motions observed by a digisonde in the equatorial anomaly region. <i>Annales Geophysicae</i> , 2003 , 21, 1039-1045	2	18
142	The Early Results and Validation of FORMOSAT-7/COSMIC-2 Space Weather Products: Global Ionospheric Specification and Ne-Aided Abel Electron Density Profile. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028028	2.6	18
141	Modifications of the ionosphere prior to large earthquakes: report from the Ionosphere Precursor Study Group. <i>Geoscience Letters</i> , 2016 , 3,	3.5	18
140	Field-aligned neutral wind bias correction scheme for global ionospheric modeling at midlatitudes by assimilating FORMOSAT-3/COSMIC hmF2 data under geomagnetically quiet conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 3130-3149	2.6	17
139	A statistical study of low latitude F region irregularities at Brazilian longitudinal sector response to geomagnetic storms during post-sunset hours in solar cycle 23. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		17
138	A statistical study on the characteristics of ionospheric storms in the equatorial ionization anomaly region: GPS-TEC observed over Taiwan. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 3856-3865	2.6	17
137	Ionospheric ripples excited by superimposed wave fronts associated with Rayleigh waves in the thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 905-911	2.6	17
136	Data Assimilation of Ground-Based GPS and Radio Occultation Total Electron Content for Global Ionospheric Specification. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 10,876-10,886	2.6	16
135	Fluctuations on vertical profiles of the ionospheric electron density perturbed by the March 11, 2011 M9.0 Tohoku earthquake and tsunami. <i>GPS Solutions</i> , 2019 , 23, 1	4.4	16
134	Worst-Case GPS Scintillations on the Ground Estimated from Radio Occultation Observations of FORMOSAT-3/COSMIC During 2007-2014. <i>Surveys in Geophysics</i> , 2016 , 37, 791-809	7.6	16
133	Temporal and spatial precursors in ionospheric total electron content of the 16 October 1999 Mw7.1 Hector Mine earthquake. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6511-6517	2.6	16
132	Abnormal infrasound signals before 92M7.0 worldwide earthquakes during 2002-2008. <i>Journal of Asian Earth Sciences</i> , 2011 , 41, 434-441	2.8	16
131	Revisiting the Modulations of Ionospheric Solar and Lunar Migrating Tides During the 2009 Stratospheric Sudden Warming by Using Global Ionosphere Specification. <i>Space Weather</i> , 2019 , 17, 767-777	2.7	15
130	Correlation between electron density and temperature in the topside ionosphere. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		15

129	Ionospheric positive storm phases at the magnetic equator close to sunset. <i>Journal of Geophysical Research</i> , 2010 , 115,		15
128	Seismo-Ionospheric Precursors of the 26 December 2006 M 7.0 Pingtung Earthquake Doublet. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2008 , 19, 751	1.8	15
127	Subionospheric VLF/LF Probing of Ionospheric Perturbations Associated with Earthquakes: A Possibility of Earthquake Prediction. <i>SICE Journal of Control Measurement and System Integration</i> , 2010 , 3, 10-14	0.3	15
126	On a possible seismomagnetic effect in the topside ionosphere. <i>Advances in Space Research</i> , 2015 , 56, 1707-1713	2.4	14
125	An empirical model of L-band scintillation S4 index constructed by using FORMOSAT-3/COSMIC data. <i>Advances in Space Research</i> , 2017 , 60, 1015-1028	2.4	14
124	Temporal and spatial analyses on seismo-electric anomalies associated with the 27 February 2010 $M = 8.8$ Chile earthquake observed by DEMETER satellite. <i>Natural Hazards and Earth System Sciences</i> , 2013 , 13, 3281-3289	3.9	14
123	Predawn ionospheric heating observed by Hinotori satellite. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		14
122	Seismo-Traveling Ionospheric Disturbances Triggered by the 12 May 2008 M 8.0 Wenchuan Earthquake. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2012 , 23, 9	1.8	14
121	Low latitude ionospheric effects near longitude 120°E during the great geomagnetic storm of July 2000. <i>Science in China Series A: Mathematics</i> , 2002 , 45, 148-155		14
120	Changes of Geomagnetic Total Field and Occurrences of Earthquakes in Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2004 , 15, 361	1.8	14
119	A Statistical Study of Lightning Activities and M 5.0 Earthquakes in Taiwan During 1993-2004. <i>Surveys in Geophysics</i> , 2015 , 36, 851-859	7.6	13
118	On the Relationship Between E Region Scintillation and ENSO Observed by FORMOSAT-3/COSMIC. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 4053-4065	2.6	13
117	Ground-based GPS observation of SED-associated irregularities over CONUS. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 2478-2489	2.6	13
116	The O I 135.6 nm airglow observations of the midlatitude summer nighttime anomaly by TIMED/GUVI. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		13
115	An integrated study of anomalies observed before four major earthquakes: 2004 Sumatra M9.3, 2006 Pingtung M7.0, 2007 Chuetsu Oki M6.8, and 2008 Wenchuan M8.0. <i>Journal of Asian Earth Sciences</i> , 2011 , 41, 401-409	2.8	13
114	Global ionosphere map constructed by using total electron content from ground-based GNSS receiver and FORMOSAT-3/COSMIC GPS occultation experiment. <i>GPS Solutions</i> , 2017 , 21, 1583-1591	4.4	12
113	Gigantic Circular Shock Acoustic Waves in the Ionosphere Triggered by the Launch of FORMOSAT-5 Satellite. <i>Space Weather</i> , 2018 , 16, 172-184	3.7	12
112	Three-dimensional electron density along the WSA and MSNA latitudes probed by FORMOSAT-3/COSMIC. <i>Earth, Planets and Space</i> , 2015 , 67,	2.9	12

111	A comparison of a model using the FORMOSAT-3/COSMIC data with the IRI model. <i>Earth, Planets and Space</i> , 2012 , 64, 545-551	2.9	12
110	Precursory enhancement of EIA in the morning sector: Contribution from mid-latitude large earthquakes in the north-east Asian region. <i>Advances in Space Research</i> , 2016 , 57, 268-280	2.4	11
109	Topside ionospheric electron temperature and density along the Weddell Sea latitude. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 609-614	2.6	11
108	Morphology of midlatitude electron density enhancement using total electron content measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 1503-1517	2.6	11
107	Ionospheric disturbance associated with radiation accidents of Fukushima I nuclear power plant damaged by the M9.0 2011 Tohoku Earthquake. <i>Advances in Space Research</i> , 2011 , 48, 1613-1616	2.4	11
106	GPS phase fluctuations observed along the American sector during low irregularity activity months of 1997-2000. <i>Earth, Planets and Space</i> , 2002 , 54, 141-152	2.9	11
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