Xinan Yue

List of Publications by Year
in descending order

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155	4,226	93792	169272
papers	citations	39 h-index	56 g-index

160	160	160	2068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential direct observation of meteoroid fragmentation by a high range resolution radar. Icarus, 2022, 372, 114763.	1.1	3
2	A Method to Mitigate the Effects of Strong Geomagnetic Storm on GNSS Precise Point Positioning. Space Weather, 2022, 20, .	1.3	9
3	Interpretation of the Altitudinal Variation in the Martian Ionosphere Longitudinal Waveâ€3 Structure. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	3
4	Dayâ€Toâ€Day Variability of the MLT DE3 Using Joint Analysis on Observations From TIDIâ€TIMED and a Meteor Radar Meridian Chain. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	3
5	Impact of Anthropogenic Emission Changes on the Occurrence of Equatorial Plasma Bubbles. Geophysical Research Letters, 2022, 49, .	1.5	6
6	Ionospheric Topside Diffusive Flux and the Formation of Summer Nighttime Ionospheric Electron Density Enhancement Over Millstone Hill. Geophysical Research Letters, 2022, 49, .	1.5	6
7	A new method to calibrate residual ionospheric error of GNSS RO bending angle. GPS Solutions, 2022, 26, 1.	2.2	0
8	Highâ€Resolution and Accurate Lowâ€Latitude Gridded Electron Density Generation and Evaluation. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	2
9	Moon Imaging Technique and Experiments Based on Sanya Incoherent Scatter Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	3
10	Focused Lunar Imaging Experiment Using the Back Projection Algorithm Based on Sanya Incoherent Scatter Radar. Remote Sensing, 2022, 14, 2048.	1.8	5
11	An active phased array radar in China. Nature Astronomy, 2022, 6, 619-619.	4.2	14
12	Initial Tropospheric Wind Observations by Sanya Incoherent Scatter Radar. Remote Sensing, 2022, 14, 3138.	1.8	2
13	Simulation of the Signal-to-Noise Ratio of Sanya Incoherent Scatter Radar Tristatic System. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2982-2993.	2.7	4
14	Using GNSS radio occultation data to derive critical frequencies of the ionospheric sporadic E layer in real time. GPS Solutions, 2021, 25, 1.	2.2	9
15	Ancient Auroral Records Compiled From Korean Historical Books. Journal of Geophysical Research: Space Physics, 2021, 126, .	0.8	6
16	Interhemispheric transport of metallic ions within ionospheric sporadic <i>E</i> layers by the lower thermospheric meridional circulation. Atmospheric Chemistry and Physics, 2021, 21, 4219-4230.	1.9	24
17	A Comparative Study of Ionospheric Dayâ€Toâ€Day Variability Over Wuhan Based on Ionosonde Measurements and Model Simulations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028589.	0.8	7
18	A Detection Performance Analysis of Sanya Incoherent Scatter Radar Tristatic System. Radio Science, 2021, 56, e2020RS007144.	0.8	2

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19	Statistically analyzing the effect of ionospheric irregularity on GNSS radio occultation atmospheric measurement. Atmospheric Measurement Techniques, 2021, 14, 3003-3013.	1.2	0
20	Wavenumberâ€4 Patterns of the Sporadic E Over the Middleâ€•and Lowâ€Łatitudes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029238.	0.8	10
21	The Impact of Perturbing Eddy Diffusion and Upper Boundary on the Ionosphere EnKF Assimilation System. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029366.	0.8	2
22	A Signature of 27 day Solar Rotation in the Concentration of Metallic Ions within the Terrestrial Ionosphere. Astrophysical Journal, 2021, 916, 106.	1.6	12
23	Middleâ€Łow Latitude Neutral Composition and Temperature Responses to the 20 and 21 November 2003 Superstorm From GUVI Dayside Limb Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028427.	0.8	23
24	Climatology analysis of the daytime topside ionospheric diffusive O + flux based on incoherent scatter radar observations at Millstone Hill. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029222.	0.8	6
25	The Response of Middle Thermosphere (â^¼160Âkm) Composition to the November 20 and 21, 2003 Superstorm. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029449.	0.8	16
26	Response of atmospheric carbon dioxide to the secular variation of weakening geomagnetic field in whole atmosphere simulations. Earth and Planetary Physics, 2021, 5, 1-10.	0.4	5
27	Evaluation of the 900â€Year European Auroral Records With Extreme Value Theory. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029481.	0.8	0
28	The Impact of Assimilating Ionosphere and Thermosphere Observations on Neutral Temperature Improvement: Observing System Simulation Experiments Using EnKF. Space Weather, 2021, 19, e2021SW002844.	1.3	6
29	The COSMIC/FORMOSAT-3 Radio Occultation Mission after 12 Years: Accomplishments, Remaining Challenges, and Potential Impacts of COSMIC-2. Bulletin of the American Meteorological Society, 2020, 101, E1107-E1136.	1.7	88
30	Estimation of Ionospheric Total Electron Content From a Multi-GNSS Station in China. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 852-860.	2.7	10
31	Observing System Impact on Ionospheric Specification Over China Using EnKF Assimilation. Space Weather, 2020, 18, e2020SW002527.	1.3	8
32	The Evolution of Complex E s Observed by Multi Instruments Over Lowâ€Łatitude China. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027656.	0.8	8
33	Derivation of global ionospheric Sporadic E critical frequency (f _o Es) data from the amplitude variations in GPS/GNSS radio occultations. Royal Society Open Science, 2020, 7, 200320.	1.1	24
34	Comment on Choi et al. Correlation between Ionospheric TEC and the DCB Stability of GNSS Receivers from 2014 to 2016. Remote Sens. 2019, 11, 2657. Remote Sensing, 2020, 12, 3496.	1.8	2
35	Characterizing Ionospheric Effect on GNSS Radio Occultation Atmospheric Bending Angle. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027471.	0.8	4
36	Equatorial plasma bubbles developing around sunrise observed by an all-sky imager and global navigation satellite system network during storm time. Annales Geophysicae, 2020, 38, 163-177.	0.6	10

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37	Quietâ€Time Dayâ€toâ€Day Variability of Equatorial Vertical EÂÃ—ÂB Drift From Atmosphere Perturbations at Dawn. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027824.	0.8	19
38	Evaluation on the Quasiâ€Realistic Ionospheric Prediction Using an Ensemble Kalman Filter Data Assimilation Algorithm. Space Weather, 2020, 18, e2019SW002410.	1.3	18
39	Comparison of Reference Heights of O/N₂ and â^'O/N₂ Based on GUVI Dayside Limb Measurement. Space Weather, 2020, 18, e2019SW002391.	1.3	8
40	Implantation of Earth's Atmospheric Ions Into the Nearside and Farside Lunar Soil: Implications to Geodynamo Evolution. Geophysical Research Letters, 2020, 47, e2019GL086208.	1.5	11
41	Preliminary experimental results by the prototype of Sanya Incoherent Scatter Radar. Earth and Planetary Physics, 2020, 4, 1-9.	0.4	10
42	EnKF Ionosphere and Thermosphere Data Assimilation Algorithm Through a Sparse Matrix Method. Journal of Geophysical Research: Space Physics, 2019, 124, 7356-7365.	0.8	14
43	Eastâ€West Difference in the Ionospheric Response of the March 1989 Great Magnetic Storm Throughout East Asian Region. Journal of Geophysical Research: Space Physics, 2019, 124, 9364-9380.	0.8	1
44	Middleâ€Latitudinal Band Structure Observed in the Nighttime Ionosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 5857-5873.	0.8	29
45	Empirical Orthogonal Function Analysis and Modeling of the Topside Ionospheric and Plasmaspheric TECs. Journal of Geophysical Research: Space Physics, 2019, 124, 3681-3698.	0.8	5
46	The global climatology of the intensity of the ionospheric sporadic <i>E</i> layer. Atmospheric Chemistry and Physics, 2019, 19, 4139-4151.	1.9	51
47	Comparison of Thermospheric Density Between GUVI Dayside Limb Data and CHAMP Satellite Observations: Based on Empirical Model. Journal of Geophysical Research: Space Physics, 2019, 124, 2165-2177.	0.8	4
48	A Statistical Approach to Quantify Atmospheric Contributions to the ITEC WN4 Structure Over Low Latitudes. Journal of Geophysical Research: Space Physics, 2019, 124, 2178-2197.	0.8	5
49	Evolution of the Subauroral Polarization Stream Oscillations During the Severe Geomagnetic Storm on 20 November 2003. Geophysical Research Letters, 2019, 46, 599-607.	1.5	6
50	Varied Types of Subauroral Polarization Streams. , 2019, , .		0
51	Longâ€Term Trend of Topside Ionospheric Electron Density Derived From DMSP Data During 1995â€“2017. Journal of Geophysical Research: Space Physics, 2019, 124, 10708-10727.	0.8	11
52	Development of a 3â€D Plasmapause Model With aÂBackâ€Propagation Neural Network. Space Weather, 2019, 17, 1689-1703.	1.3	4
53	Strong Sporadic E Occurrence Detected by Groundâ€Based GNSS. Journal of Geophysical Research: Space Physics, 2018, 123, 3050-3062.	0.8	15
54	Was Magnetic Storm the Only Driver of the Longâ€Duration Enhancements of Daytime Total Electron Content in the Asianâ€Australian Sector Between 7 and 12 September 2017?. Journal of Geophysical Research: Space Physics, 2018, 123, 3217-3232.	0.8	87

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55	The Effect of Solar Radio Bursts on GNSS Signals. , 2018, , 541-554.		7
56	Ionospheric Trend Over Wuhan During 1947â€“2017: Comparison Between Simulation and Observation. Journal of Geophysical Research: Space Physics, 2018, 123, 1396-1409.	0.8	15
57	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.	0.8	18
58	Global Statistical Study of Ionospheric Waves Based on COSMIC GPS Radio Occultation Data. Chinese Physics Letters, 2018, 35, 109401.	1.3	0
59	Depletion and Traveling Ionospheric Disturbances Generated by Two Launches of China's Long March 4B Rocket. Journal of Geophysical Research: Space Physics, 2018, 123, 10,319.	0.8	9
60	Solar Dependence of Equatorial F Region Irregularities Observed by COSMIC Radio Occultations. Journal of Geophysical Research: Space Physics, 2018, 123, 9775-9787.	0.8	6
61	Assessment of the Impact of FORMOSATâ€7/COSMICâ€2 GNSS RO Observations on Midlatitude and Lowâ€Latitude Ionosphere Specification: Observing System Simulation Experiments Using Ensemble Square Root Filter. Journal of Geophysical Research: Space Physics, 2018, 123, 2296-2314.	0.8	32
62	Asymmetric DE3 causes WN3 in the ionosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 173, 14-22.	0.6	4
63	New Approach to Estimate Tidal Climatology From Groundâ€•and Spaceâ€Based Observations. Journal of Geophysical Research: Space Physics, 2018, 123, 5087-5101.	0.8	14
64	Optimization of the Mars ionospheric radio occultation retrieval. Earth and Planetary Physics, 2018, 2, 1-11.	0.4	2
65	Global ionospheric electron density estimation based on multisource TEC data assimilation. GPS Solutions, 2017, 21, 1125-1137.	2.2	24
66	Dependence of Pedersen conductance in the E and F regions and their ratio on the solar and geomagnetic activities. Space Weather, 2017, 15, 484-494.	1.3	13
67	On the occurrence of F region irregularities over Haikou retrieved from COSMIC GPS radio occultation and groundâ€based ionospheric scintillation monitor observations. Radio Science, 2017, 52, 34-48.	0.8	4
68	An overturning-like thermospheric Na layer and its relevance to Ionospheric field aligned irregularity and sporadic E. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 162, 151-161.	0.6	4
69	Development of the Beidou Ionospheric Observation Network in China for space weather monitoring. Space Weather, 2017, 15, 974-984.	1.3	31
70	Longitudinal variations of topside ionospheric and plasmaspheric TEC. Journal of Geophysical Research: Space Physics, 2017, 122, 6737-6760.	0.8	26
71	An investigation of ionospheric upper transition height variations at low and equatorial latitudes deduced from combined COSMIC and C/NOFS measurements. Advances in Space Research, 2017, 60, 1617-1628.	1.2	3
72	A planetary perspective on Earthâ€™s space environment evolution. Earth and Planetary Physics, 2017, 1, 63-67.	0.4	3

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73	Assessment of Atmospheric Wet Profiles Obtained from COSMIC Radio Occultation Observations over China. Atmosphere, 2017, 8, 208.	1.0	5
74	Longâ€duration depletion in the topside ionospheric total electron content during the recovery phase of the March 2015 strong storm. Journal of Geophysical Research: Space Physics, 2016, 121, 4733-4747.	0.8	52
75	Characterizing GPS radio occultation loss of lock due to ionospheric weather. Space Weather, 2016, 14, 285-299.	1.3	61
76	Statistical behavior of the longitudinal variations of daytime electron density in the topside ionosphere at middle latitudes. Journal of Geophysical Research: Space Physics, 2016, 121, 11,560.	0.8	8
77	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.	0.8	24
78	Longâ€lasting 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.	0.8	49
79	Profiles of ionospheric stormâ€enhanced density during the 17 March 2015 great storm. Journal of Geophysical Research: Space Physics, 2016, 121, 727-744.	0.8	121
80	Contrasting behavior of the F 2 peak and the topside ionosphere in response to the 2 October 2013 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2016, 121, 10,549-10,563.	0.8	20
81	First Ionospheric Radio-Occultation Measurements From GNSS Occultation Sounder on the Chinese Feng-Yun 3C Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5044-5053.	2.7	24
82	Determination of Differential Code Bias of GNSS Receiver Onboard Low Earth Orbit Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4896-4905.	2.7	35
83	Estimation and analysis of GPS satellite DCB based on LEO observations. GPS Solutions, 2016, 20, 251-258.	2.2	25
84	Assessment of vertical TEC mapping functions for space-based GNSS observations. GPS Solutions, 2016, 20, 353-362.	2.2	63
85	Is the long-term variation of the estimated GPS differential code biases associated with ionospheric variability?. GPS Solutions, 2016, 20, 313-319.	2.2	36
86	Mesoscale fieldâ€aligned irregularity structures (FAIs) of airglow associated with mediumâ€scale traveling ionospheric disturbances (MSTIDs). Journal of Geophysical Research: Space Physics, 2015, 120, 9839-9858.	0.8	34
87	Explaining solar cycle effects on composition as it relates to the winter anomaly. Journal of Geophysical Research: Space Physics, 2015, 120, 5890-5898.	0.8	30
88	Comparison between GPS radio occultation electron densities and in situ satellite observations. Radio Science, 2015, 50, 518-525.	0.8	25
89	An improved inversion for FORMOSATâ€3/COSMIC ionosphere electron density profiles. Journal of Geophysical Research: Space Physics, 2015, 120, 8942-8953.	0.8	47
90	Case study on complex sporadic E layers observed by GPS radio occultations. Atmospheric Measurement Techniques, 2015, 8, 225-236.	1.2	45

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91	The correlation between electron temperature and density in the topside ionosphere during 2006â€“2009. Journal of Geophysical Research: Space Physics, 2015, 120, 10,724.	0.8	25
92	Ionospheric Correction Based on Ingestion of Global Ionospheric Maps into the NeQuick 2 Model. Scientific World Journal, The, 2015, 2015, 1-11.	0.8	5
93	Longitudinal variations of the nighttime E layer electron density in the auroral zone. Journal of Geophysical Research: Space Physics, 2015, 120, 825-833.	0.8	8
94	Ionosphere equatorial ionization anomaly observed by GPS radio occultations during 2006â€“2014. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 129, 30-40.	0.6	33
95	Ionospheric response to CIRâ€induced recurrent geomagnetic activity during the declining phase of solar cycle 23. Journal of Geophysical Research: Space Physics, 2015, 120, 1394-1418.	0.8	23
96	An empirical model of the occurrence of an additional layer in the ionosphere from the occultation technique: Preliminary results. Journal of Geophysical Research: Space Physics, 2014, 119, 10,204.	0.8	15
97	Observing System Simulation Experiment Study on Imaging the Ionosphere by Assimilating Observations From Ground GNSS, LEO-Based Radio Occultation and Ocean Reflection, and Cross Link. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3759-3773.	2.7	28
98	New aspects of the ionospheric response to the October 2003 superstorms from multipleâ€satellite observations. Journal of Geophysical Research: Space Physics, 2014, 119, 2298-2317.	0.8	48
99	Empirical orthogonal function analysis and modeling of the ionospheric peak height during the years 2002â€“2011. Journal of Geophysical Research: Space Physics, 2014, 119, 3915-3929.	0.8	17
100	Height-integrated Pedersen conductivity in both E and F regions from COSMIC observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2014, 115-116, 79-86.	0.6	21
101	Features of the F2 layer stratification at low-latitude ionosphere: Results from the COSMIC and GIRO. , 2014, , .		0
102	On the solar cycle variation of the winter anomaly. Journal of Geophysical Research: Space Physics, 2014, 119, 4938-4949.	0.8	38
103	Observational evidence of highâ€altitude meteor trail from radar interferometer. Geophysical Research Letters, 2014, 41, 6583-6589.	1.5	7
104	Applications of COSMIC Radio Occultation Data from the Troposphere to Ionosphere and Potential Impacts of COSMIC-2 Data. Bulletin of the American Meteorological Society, 2014, 95, ES18-ES22.	1.7	19
105	Space Weather Observations by GNSS Radio Occultation: From FORMOSATâ€3/COSMIC to FORMOSATâ€7/COSMICâ€2. Space Weather, 2014, 12, 616-621.	1.3	81
106	Extending the reanalysis to the ionosphere based on ground and LEO based GNSS observations. , 2013, , .		0
107	Validate the IRI2007 model by the COSMIC slant TEC data during the extremely solar minimum of 2008. Advances in Space Research, 2013, 51, 647-653.	1.2	16
108	Evaluating the effect of the global ionospheric map on aiding retrieval of radio occultation electron density profiles. GPS Solutions, 2013, 17, 327-335.	2.2	17

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109	GNSS radio occultation (RO) derived electron density quality in high latitude and polar region: NCAR-TIEGCM simulation and real data evaluation. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 98, 39-49.	0.6	19
110	The effect of solar radio bursts on the GNSS radio occultation signals. Journal of Geophysical Research: Space Physics, 2013, 118, 5906-5918.	0.8	21
111	Eastâ€west differences in Fâ€region electron density at midlatitude: Evidence from the Far East region. Journal of Geophysical Research: Space Physics, 2013, 118, 542-553.	0.8	49
112	Global 3â€Ð ionospheric electron density reanalysis based on multisource data assimilation. Journal of Geophysical Research, 2012, 117, .	3.3	85
113	A feasibility study of the radio occultation electron density retrieval aided by a global ionospheric data assimilation model. Journal of Geophysical Research, 2012, 117, .	3.3	23
114	Artificial ionospheric wave number 4 structure below the F2 region due to the Abel retrieval of radio occultation measurements. GPS Solutions, 2012, 16, 1-7.	2.2	22
115	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.	1.5	44
116	Data assimilation retrieval of electron density profiles from radio occultation measurements. Journal of Geophysical Research, 2011, 116, .	3.3	75
117	On the occurrence of postmidnight equatorialFregion irregularities during the June solstice. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	56
118	Features of theF3layer in the low-latitude ionosphere at sunset. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	27
119	Evaluation of the orbit altitude electron density estimation and its effect on the Abel inversion from radio occultation measurements. Radio Science, 2011, 46, .	0.8	39
120	Quantitative evaluation of the low Earth orbit satellite based slant total electron content determination. Space Weather, 2011, 9, .	1.3	103
121	Features of the middle- and low-latitude ionosphere during solar minimum as revealed from COSMIC radio occultation measurements. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	72
122	Global ionospheric response observed by COSMIC satellites during the January 2009 stratospheric sudden warming event. Journal of Geophysical Research, 2010, 115, .	3.3	96
123	Climatology of ionospheric upper transition height derived from COSMIC satellites during the solar minimum of 2008. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 1270-1274.	0.6	23
124	Longitudinal behaviors of the IRI-B parameters of the equatorial electron density profiles retrieved from FORMOSAT-3/COSMIC radio occultation measurements. Advances in Space Research, 2010, 46, 1064-1069.	1.2	19
125	Error analysis of Abel retrieved electron density profiles from radio occultation measurements. Annales Geophysicae, 2010, 28, 217-222.	0.6	188
126	Longitudinal development of lowâ€latitude ionospheric irregularities during the geomagnetic storms of July 2004. Journal of Geophysical Research, 2010, 115, .	3.3	44

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127	GPS TEC response to the 22 July 2009 total solar eclipse in East Asia. Journal of Geophysical Research, 2010, 115, .	3.3	52
128	Comment on â€œA new aspect of ionospheric E region electron density morphologyâ€•by Yenâ€Hsyang Chu, Kongâ€Hong Wu, and Chingâ€Lun Su. Journal of Geophysical Research, 2010, 115, .	3.3	12
129	Ionosphere around equinoxes during low solar activity. Journal of Geophysical Research, 2010, 115, .	3.3	46
130	Correlation between the ionospheric WN4 signature and the upper atmospheric DE3 tide. Journal of Geophysical Research, 2010, 115, .	3.3	54
131	The ionospheric behavior in conjugate hemispheres during the 3 October 2005 solar eclipse. Annales Geophysicae, 2009, 27, 179-184.	0.6	47
132	Influences of geomagnetic fields on longitudinal variations of vertical plasma drifts in the presunset equatorial topside ionosphere. Journal of Geophysical Research, 2009, 114, .	3.3	27
133	Latitudinal dependence of the ionospheric response to solar eclipses. Journal of Geophysical Research, 2009, 114, .	3.3	64
134	Solar activity dependence of the topside ionosphere at low latitudes. Journal of Geophysical Research, 2009, 114, .	3.3	35
135	A study of the Weddell Sea Anomaly observed by FORMOSATâ€3/COSMIC. Journal of Geophysical Research, 2009, 114, .	3.3	105
136	TIME-IGGCAS model validation: Comparisons with empirical models and observations. Science in China Series D: Earth Sciences, 2008, 51, 308-322.	0.9	4
137	Development of a middle and low latitude theoretical ionospheric model and an observation system data assimilation experiment. Science Bulletin, 2008, 53, 94-101.	1.7	30
138	Unusually long lasting multiple penetration of interplanetary electric field to equatorial ionosphere under oscillating IMF B_z. Geophysical Research Letters, 2008, 35, .	1.5	58
139	Longitudinal variations of electron temperature and total ion density in the sunset equatorial topside ionosphere. Geophysical Research Letters, 2008, 35, .	1.5	72
140	Modeling the relationship between E Ã— B vertical drift and the time rate of change of hmF2 (Î”hmF2/Î”t) over the magnetic equator. Geophysical Research Letters, 2008, 35, .	1.5	11
141	Modeling the effects of secular variation of geomagnetic field orientation on the ionospheric long term trend over the past century. Journal of Geophysical Research, 2008, 113, .	3.3	24
142	The midlatitude F2 layer during solar eclipses: Observations and modeling. Journal of Geophysical Research, 2008, 113, .	3.3	41
143	An empirical orthogonal function model of total electron content over China. Radio Science, 2008, 43, .	0.8	67
144	Correlative study of plasma bubbles, evening equatorial ionization anomaly, and equatorial prereversal E Ã— B drifts at solar maximum. Radio Science, 2008, 43, .	0.8	40

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145	The ionospheric responses to the 11 August 1999 solar eclipse: observations and modeling. Annales Geophysicae, 2008, 26, 107-116.	0.6	80
146	Long-term trends in <I>fo</I>F2: their estimating and origin. Annales Geophysicae, 2008, 26, 593-598.	0.6	21
147	Yearly variations of global plasma densities in the topside ionosphere at middle and low latitudes. Journal of Geophysical Research, 2007, 112, .	3.3	59
148	Data assimilation of incoherent scatter radar observation into a oneâ€dimensional midlatitude ionospheric model by applying ensemble Kalman filter. Radio Science, 2007, 42, .	0.8	35
149	The dependence of plasma density in the topside ionosphere on the solar activity level. Annales Geophysicae, 2007, 25, 1337-1343.	0.6	52
150	Statistical analysis on spatial correlation of ionospheric day-to-day variability by using GPS and Incoherent Scatter Radar observations. Annales Geophysicae, 2007, 25, 1815-1825.	0.6	40
151	Modeling the responses of the middle latitude ionosphere to solar flares. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 1587-1598.	0.6	39
152	Applying artificial neural network to derive long-term foF2 trends in the Asia/Pacific sector from ionosonde observations. Journal of Geophysical Research, 2006, 111, .	3.3	47
153	An empirical model of ionospheric foE over Wuhan. Earth, Planets and Space, 2006, 58, 323-330.	0.9	15
154	Statistical characteristics of the total ion density in the topside ionosphere during the period 1996-2004 using empirical orthogonal function (EOF) analysis. Annales Geophysicae, 2005, 23, 3615-3631.	0.6	75
155	Shortâ€period concentric traveling ionospheric disturbances excited by the launch of Chinaâ€™s Long March 4B rocket detected by 1 Hz GNSS data. Space Weather, 0, , .	1.3	0