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List of Publications by Year in descending order

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117
papers

3,368
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145106

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1853
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#	ARTICLE	IF	CITATIONS
1	Daytime Ionospheric Large-Scale Plasma Density Depletion Structures Detected at Low Latitudes Under Relatively Quiet Geomagnetic Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	5
2	Design of Meteor and Ionospheric Irregularity Observation System and First Results. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	8
3	Focused Lunar Imaging Experiment Using the Back Projection Algorithm Based on Sanya Incoherent Scatter Radar. <i>Remote Sensing</i> , 2022, 14, 2048.	1.8	5
4	An active phased array radar in China. <i>Nature Astronomy</i> , 2022, 6, 619-619.	4.2	14
5	Initial Tropospheric Wind Observations by Sanya Incoherent Scatter Radar. <i>Remote Sensing</i> , 2022, 14, 3138.	1.8	2
6	Simulation of the Signal-to-Noise Ratio of Sanya Incoherent Scatter Radar Tristatic System. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2982-2993.	2.7	4
7	Climatology of equatorial and low-latitude F region kilometer-scale irregularities over the meridian circle around 120°E/60°W. <i>GPS Solutions</i> , 2021, 25, 1.	2.2	7
8	Challenges to Equatorial Plasma Bubble and Ionospheric Scintillation Short-Term Forecasting and Future Aspects in East and Southeast Asia. <i>Surveys in Geophysics</i> , 2021, 42, 201-238.	2.1	53
9	Variations of Thermospheric Winds Observed by a Fabry-Perot Interferometer at Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028655.	0.8	7
10	Morphological Characteristics of Thousand-Kilometer-Scale E _s Structures Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028712.	0.8	15
11	Climatology of Interhemispheric Mesopause Temperatures Using the High-Latitude and Middle-Latitude Meteor Radars. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034301.	1.2	4
12	Latitudinal Variations of Daytime Periodic Ionospheric Disturbances From Beidou GEO TEC Observations Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028809.	0.8	7
13	A Detection Performance Analysis of Sanya Incoherent Scatter Radar Tristatic System. <i>Radio Science</i> , 2021, 56, e2020RS007144.	0.8	2
14	The Prediction of Day-to-Day Occurrence of Low Latitude Ionospheric Strong Scintillation Using Gradient Boosting Algorithm. <i>Space Weather</i> , 2021, 19, e2021SW002884.	1.3	9
15	Multi-Instrument Observations of the Atmospheric and Ionospheric Response to the 2013 Sudden Stratospheric Warming Over Eastern Asia Region. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 1232-1243.	2.7	8
16	IONISE: An Ionospheric Observational Network for Irregularity and Scintillation in East and Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028055.	0.8	26
17	Observing System Impact on Ionospheric Specification Over China Using EnKF Assimilation. <i>Space Weather</i> , 2020, 18, e2020SW002527.	1.3	8
18	The Evolution of Complex E _s Observed by Multi Instruments Over Low-Latitude China. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027656.	0.8	8

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19	Statistical Characteristics and Correlation of Lowâ€Latitude F Region Bottomâ€Type Irregularity Layers and Plasma Plumes Over Sanya. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027855.	0.8	12
20	Unexpected High Occurrence of Daytime Fâ€Region Backscatter Plume Structures Over Low Latitude Sanya and Their Possible Origin. Geophysical Research Letters, 2020, 47, e2020GL090517.	1.5	13
21	Prominent Daytime TEC Enhancements Under the Quiescent Condition of January 2017. Geophysical Research Letters, 2020, 47, e2020GL088398.	1.5	11
22	Tidal Variations in the Ionosphere and Mesosphere Over Eastern China During 2014. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027526.	0.8	0
23	Variations of Mesospheric Neutral Winds and Tides Observed by a Meteor Radar Chain Over China During the 2013 Sudden Stratospheric Warming. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027443.	0.8	11
24	Coupling Between <i>E</i> Region Quasiâ€Periodic Echoes and <i>F</i> Region Mediumâ€Scale Traveling Ionospheric Disturbances at Low Latitudes. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027720.	0.8	9
25	Low Latitude Ionospheric TEC Oscillations Associated With Periodic Changes in IMF Bz Polarity. Geophysical Research Letters, 2019, 46, 9379-9387.	1.5	26
26	Quasi 10â€and 16â€Day Wave Activities Observed Through Meteor Radar and MST Radar During Stratospheric Final Warming in 2015 Spring. Journal of Geophysical Research D: Atmospheres, 2019, 124, 6040-6056.	1.2	20
27	The possibility of using all-sky meteor radar to observe ionospheric E-region field-aligned irregularities. Science China Technological Sciences, 2019, 62, 1431-1437.	2.0	11
28	The intensification of metallic layered phenomena above thunderstorms through the modulation of atmospheric tides. Scientific Reports, 2019, 9, 17907.	1.6	10
29	Allâ€Sky Interferometric Meteor Radar Observations of Zonal Structure and Drifts of Lowâ€Latitude Ionospheric E Region Irregularities. Earth and Space Science, 2019, 6, 2653-2662.	1.1	15
30	Relations Between Semidiurnal Tidal Variants Through Diagnosing the Zonal Wavenumber Using a Phase Differencing Technique Based on Two Groundâ€Based Detectors. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4015-4026.	1.2	29
31	Strong Sporadic <i>E</i> Occurrence Detected by Groundâ€Based GNSS. Journal of Geophysical Research: Space Physics, 2018, 123, 3050-3062.	0.8	15
32	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
33	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
34	Highâ€and Middleâ€Latitude Neutral Mesospheric Density Response to Geomagnetic Storms. Geophysical Research Letters, 2018, 45, 436-444.	1.5	23
35	Statistical Study on the Occurrences of Postsunset Ionospheric E , Valley, and F Region Irregularities and Their Correlations Over Lowâ€Latitude Sanya. Journal of Geophysical Research: Space Physics, 2018, 123, 9873-9880.	0.8	5
36	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

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37	Observation of Short-Period Ionospheric Disturbances Using a Portable Digital Ionosonde at Sanya. <i>Radio Science</i> , 2018, 53, 1521-1532.	0.8	13
38	Storm-Enhanced Development of Postsunset Equatorial Plasma Bubbles Around the Meridian 120°E/60°W on 7-8 September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7985-7998.	0.8	54
39	Study of Mean Wind Variations and Gravity Wave Forcing Via a Meteor Radar Chain and Comparison with HWM07 Results. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9488-9501.	1.2	15
40	Study of the Quasi-5-Day Wave in the MLT Region by a Meteor Radar Chain. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9474-9487.	1.2	30
41	Multiyear Observations of Gravity Wave Momentum Fluxes in the Midlatitude Mesosphere and Lower Thermosphere Region by Meteor Radar. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5684-5703.	0.8	14
42	New Approach to Estimate Tidal Climatology From Ground- and Space-Based Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5087-5101.	0.8	14
43	Mesospheric temperatures estimated from the meteor radar observations at Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2249-2259.	0.8	21
44	First observation of presunset ionospheric F_2 region bottom-type scattering layer. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3788-3797.	0.8	20
45	Ionospheric response following the M_w 7.8 Gorkha earthquake on 25 April 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6495-6507.	0.8	17
46	Variations of the meteor echo heights at Beijing and Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1117-1127.	0.8	16
47	Responses of Quasi-5-Day Waves in the MLT Region to the 2013 SSW Revealed by a Meteor Radar Chain. <i>Geophysical Research Letters</i> , 2017, 44, 9142-9150.	1.5	34
48	Development of the Beidou Ionospheric Observation Network in China for space weather monitoring. <i>Space Weather</i> , 2017, 15, 974-984.	1.3	31
49	Irregularity observation with multiple VHF coherent radars in China. , 2016, , .		0
50	Enhanced ionospheric plasma bubble generation in more active ITCZ. <i>Geophysical Research Letters</i> , 2016, 43, 2389-2395.	1.5	57
51	Onset location of scintillation-producing spread-F plume over Sanya. <i>Science China Earth Sciences</i> , 2016, 59, 1692-1699.	2.3	2
52	Midlatitude ionospheric responses to the 2013 SSW under high solar activity. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 790-803.	0.8	34
53	Mesoscale field-aligned irregularity structures (FAIs) of airglow associated with medium-scale traveling ionospheric disturbances (MSTIDs). <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9839-9858.	0.8	34
54	Modeling Chinese ionospheric layer parameters based on EOF analysis. <i>Space Weather</i> , 2015, 13, 339-355.	1.3	12

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55	The variability of nonmigrating tides detected from TIMED/SABER observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,793.	0.8	22
56	Evidence for lightning-associated enhancement of the ionospheric sporadic <i>E</i> layer dependent on lightning stroke energy. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 9202-9212.	0.8	23
57	Shear in the zonal drifts of 300m irregularities inside spread <i>F</i> plumes observed over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 8146-8154.	0.8	7
58	Seasonal variations of MLT tides revealed by a meteor radar chain based on Hough mode decomposition. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7030-7048.	0.8	25
59	Concentric gravity waves over northern China observed by an airglow imager network and satellites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 11,058.	1.2	51
60	GPS detection of the coseismic ionospheric disturbances following the 12 May 2008 M7.9 Wenchuan earthquake in China. <i>Science China Earth Sciences</i> , 2015, 58, 151-158.	2.3	11
61	Climatological modeling of horizontal winds in the mesosphere and lower thermosphere over a mid-latitude station in China. <i>Advances in Space Research</i> , 2015, 56, 1354-1365.	1.2	8
62	Ionospheric response to the shock and acoustic waves excited by the launch of the Shenzhou 10 spacecraft. <i>Geophysical Research Letters</i> , 2014, 41, 3351-3358.	1.5	35
63	A case study of ionospheric storm effects during long-lasting southward IMF <i>B_z</i> -driven geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7716-7731.	0.8	34
64	Interferometry observations of low-latitude E-region irregularity patches using the Sanya VHF radar. <i>Science China Technological Sciences</i> , 2014, 57, 1552-1561.	2.0	29
65	A statistic study of ionospheric solar flare activity indicator. <i>Space Weather</i> , 2014, 12, 29-40.	1.3	28
66	Structural evolution of long-duration meteor trail irregularities driven by neutral wind. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,348.	0.8	9
67	Deriving the effective scale height in the topside ionosphere based on ionosonde and satellite in situ observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8472-8482.	0.8	10
68	Observational evidence of high-altitude meteor trail from radar interferometer. <i>Geophysical Research Letters</i> , 2014, 41, 6583-6589.	1.5	7
69	Comparative climatological study of large-scale traveling ionospheric disturbances over North America and China in 2011–2012. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 519-529.	0.8	25
70	A case study of postmidnight enhancement in <i>F</i> layer electron density over Sanya of China. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4640-4648.	0.8	51
71	Statistical study of large-scale traveling ionospheric disturbances generated by the solar terminator over China. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4583-4593.	0.8	37
72	Monitoring traveling ionospheric disturbances using the GPS network around China during the geomagnetic storm on 28 May 2011. <i>Science China Earth Sciences</i> , 2013, 56, 718-726.	2.3	9

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73	Tidal wind mapping from observations of a meteor radar chain in December 2011. Journal of Geophysical Research: Space Physics, 2013, 118, 2321-2332.	0.8	58
74	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.	0.8	45
75	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.	0.8	41
76	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.	0.8	24
77	East-west differences in <i>F</i> region electron density at midlatitude: Evidence from the Far East region. Journal of Geophysical Research: Space Physics, 2013, 118, 542-553.	0.8	49
78	Nighttime ionospheric enhancements induced by the occurrence of an evening solar eclipse. Journal of Geophysical Research: Space Physics, 2013, 118, 6588-6596.	0.8	25
79	An interhemispheric comparison of GPS phase scintillation with auroral emission observed at the South Pole and from the DMSP satellite. Annals of Geophysics, 2013, 56, .	0.5	10
80	Precursor signatures and evolution of post-sunset equatorial spread <i>F</i> observed over Sanya. Journal of Geophysical Research, 2012, 117, .	3.3	64
81	Two-dimensional imaging of large-scale traveling ionospheric disturbances over China based on GPS data. Journal of Geophysical Research, 2012, 117, .	3.3	24
82	A comparison of lower thermospheric winds derived from range spread and specular meteor trail echoes. Journal of Geophysical Research, 2012, 117, .	3.3	18
83	Developing a new mode for observation of ionospheric disturbances by digital ionosonde in ionospheric vertical sounding. Radio Science, 2012, 47, .	0.8	4
84	A comparison of mesospheric winds measured by FPI and meteor radar located at 40N. Science China Technological Sciences, 2012, 55, 1245-1250.	2.0	25
85	Seasonal variations of night mesopause temperature in Beijing observed by SATI4. Science China Technological Sciences, 2012, 55, 1295-1301.	2.0	2
86	The first time observations of low-latitude ionospheric irregularities by VHF radar in Hainan. Science China Technological Sciences, 2012, 55, 1189-1197.	2.0	36
87	Modeling the global ionospheric total electron content with empirical orthogonal function analysis. Science China Technological Sciences, 2012, 55, 1161-1168.	2.0	48
88	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
89	Neutral wind-driven gradient drift instability in the low-latitude daytime <i>E</i> region. Journal of Geophysical Research, 2011, 116, .	3.3	7
90	Investigation of low-latitude <i>E</i> and valley region irregularities: Their relationship to equatorial plasma bubble bifurcation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	25

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91	Ionospheric response to the X-class solar flare on 7 September 2005. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	33
92	Latitudinal dependence of the ionospheric response to solar eclipse of 15 January 2010. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	29
93	Statistics of GPS ionospheric scintillation and irregularities over polar regions at solar minimum. <i>GPS Solutions</i> , 2010, 14, 331-341.	2.2	73
94	Longitudinal development of low-latitude ionospheric irregularities during the geomagnetic storms of July 2004. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
95	GPS TEC response to the 22 July 2009 total solar eclipse in East Asia. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	52
96	Ionosphere around equinoxes during low solar activity. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	46
97	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> , 2010, 115, .	3.3	21
98	Planetary-scale wave observations over a low-latitude <i>E</i> region using simultaneous observations of VHF radar and ionosonde over Sanya (18.34°N, 109.62°E). <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	9
99	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, .	3.3	43
100	Latitudinal dependence of the ionospheric response to solar eclipses. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	64
101	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> , 2009, 114, .	3.3	91
102	Climatology of the mean total electron content derived from GPS global ionospheric maps. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	110
103	A study of the Weddell Sea Anomaly observed by FORMOSAT-3/COSMIC. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	105
104	TIME-IGGCAS model validation: Comparisons with empirical models and observations. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 308-322.	0.9	4
105	Prestorm enhancements in NmF_2 and total electron content at low latitudes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	51
106	Modeling $M(3000)F_2$ based on empirical orthogonal function analysis method. <i>Radio Science</i> , 2008, 43, .	0.8	41
107	Correlative study of plasma bubbles, evening equatorial ionization anomaly, and equatorial prereversal $E-B$ drifts at solar maximum. <i>Radio Science</i> , 2008, 43, .	0.8	40
108	Is an unusual large enhancement of ionospheric electron density linked with the 2008 great Wenchuan earthquake?. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	175

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109	Applying partial correlation method to analyzing the correlation between ionospheric NmF2 and height of isobaric level in the lower atmosphere. Science Bulletin, 2007, 52, 2413-2419.	1.7	6
110	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
111	Solar activity variations of the ionospheric peak electron density. Journal of Geophysical Research, 2006, 111, .	3.3	193
112	Acquirement and analysis of Doppler ionograms with high accuracy in the ionogram mode from Digisonde 256. Radio Science, 2004, 39, n/a-n/a.	0.8	14
113	Statistical modeling of ionospheric foF2 over Wuhan. Radio Science, 2004, 39, n/a-n/a.	0.8	63
114	Solar activity variations of equivalent winds derived from global ionosonde data. Journal of Geophysical Research, 2004, 109, .	3.3	47
115	Solar activity dependence of effective winds derived from ionospheric data at Wuhan. Advances in Space Research, 2003, 32, 1719-1724.	1.2	17
116	Seasonal behavior of equivalent winds over Wuhan derived from ionospheric data in 2000â€“2001. Advances in Space Research, 2003, 32, 1765-1770.	1.2	32
117	Occurrences of regional strong E s irregularities and corresponding scintillations characterized using a highâ€“temporalâ€“resolution GNSS network. Journal of Geophysical Research: Space Physics, 0, , .	0.8	5