

# Guozhu Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6065765/publications.pdf>

Version: 2024-02-01

148  
papers

4,637  
citations

109137

35  
h-index

118652

62  
g-index

161  
all docs

161  
docs citations

161  
times ranked

4305  
citing authors

#	ARTICLE	IF	CITATIONS
1	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
2	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
3	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
4	Probing the Superconducting Energy Gap from Infrared Spectroscopy on a $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2$ Crystal with $\text{Fe}$ Content. Physical Review Letters, 2008, 101, 107004.	2.9	173
5	HXMT identification of a non-thermal X-ray burst from SGR J1935+2154 and with FRB 200428. Nature Astronomy, 2021, 5, 378-384.	4.2	152
6	Well-Aligned Boron Nanowire Arrays. Advanced Materials, 2001, 13, 1701-1704.	11.1	143
7	Semimetal-to-Semimetal Charge Density Wave Transition in $\text{1T}'\text{TiSe}_2$ . Physical Review Letters, 2007, 99, 027404.	2.9	135
8	Magnetic order of the iron spins in $\text{NdFeAsO}$ . Physical Review B, 2008, 78, .	1.1	122
9	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
10	Was Magnetic Storm the Only Driver of the Long-Duration Enhancements of Daytime Total Electron Content in the Asian-Australian Sector Between 7 and 12 September 2017?. Journal of Geophysical Research: Space Physics, 2018, 123, 3217-3232.	0.8	87
11	Statistics of GPS ionospheric scintillation and irregularities over polar regions at solar minimum. GPS Solutions, 2010, 14, 331-341.	2.2	73
12	Precursor signatures and evolution of post-sunset equatorial spread-F observed over Sanya. Journal of Geophysical Research, 2012, 117, .	3.3	64
13	Direct imaging of intrinsic molecular orbitals using two-dimensional, epitaxially-grown, nanostructured graphene for study of single molecule and interactions. Applied Physics Letters, 2011, 99, .	1.5	63
14	Effects of geomagnetic storm on GPS ionospheric scintillations at Sanya. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 1034-1045.	0.6	61
15	Enhanced ionospheric plasma bubble generation in more active ITCZ. Geophysical Research Letters, 2016, 43, 2389-2395.	1.5	57
16	On the occurrence of postmidnight equatorial region irregularities during the June solstice. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	56
17	Storm-Enhanced Development of Postsunset Equatorial Plasma Bubbles Around the Meridian $120^\circ\text{E}/60^\circ\text{W}$ on 7-8 September 2017. Journal of Geophysical Research: Space Physics, 2018, 123, 7985-7998. <sup>0.8</sup>		54
18	Anomalous enhancement of ionospheric electron content in the Asian-Australian region during a geomagnetically quiet day. Journal of Geophysical Research, 2008, 113, .	3.3	53

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Effect of magnetic activity on plasma bubbles over equatorial and low-latitude regions in East Asia. <i>Annales Geophysicae</i> , 2009, 27, 303-312.	0.6	51
22	Ionosphere disturbances observed throughout Southeast Asia of the superstorm of 20â€“22 November 2003. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	50
23	Electric field penetration into Earthâ€™s ionosphere: a brief review for 2000â€“2013. <i>Science Bulletin</i> , 2015, 60, 748-761.	4.3	50
24	The correlation of longitudinal/seasonal variations of evening equatorial pre-reversal drift and of plasma bubbles. <i>Annales Geophysicae</i> , 2007, 25, 2571-2578.	0.6	48
25	Analysis of ionospheric scintillation spectra and TEC in the Chinese low latitude region. <i>Earth, Planets and Space</i> , 2007, 59, 279-285.	0.9	46
26	Optical study of the charge-density-wave mechanism in $\langle \text{mml:mrow} \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \hat{a} \langle \text{mml:mtext} \rangle \langle \text{mml:mi} \rangle \text{Ta} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle S \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{and} \langle \text{mml:math} \rangle \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$	1.1	45
27	Interhemispheric comparison of GPS phase scintillation at high latitudes during the magnetic-cloud-induced geomagnetic storm of 5â€“7 April 2010. <i>Annales Geophysicae</i> , 2011, 29, 2287-2304.	0.6	45
28	Longitudinal characteristics of spread <i>F</i> backscatter plumes observed with the EAR and Sanya VHF radar in Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6544-6557.	0.8	45
29	Validation of ICONâ€™MIGHTI Thermospheric Wind Observations: 2. Greenâ€™Line Comparisons to Specular Meteor Radars. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028947.	0.8	45
30	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
31	Observation of a nodal chain with Dirac surface states in $\langle \text{mml:mrow} \langle \text{mml:mi} \rangle Ti \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{mathvariant="normal"} \rangle B \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle .$	1.1	44
32	Physical Review B, 2018, 97, .		
32	Characterizing the 10 November 2004 stormâ€™time middle-latitude plasma bubble event in Southeast Asia using multiâ€™instrument observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
33	Self-assembly of C60 monolayer on epitaxially grown, nanostructured graphene on Ru(0001) surface. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	42
34	Statistical characteristics of low-latitude ionospheric scintillation over China. <i>Advances in Space Research</i> , 2015, 55, 1356-1365.	1.2	41
35	Correlative study of plasma bubbles, evening equatorial ionization anomaly, and equatorial prereversal <i>E</i> — <i>B</i> drifts at solar maximum. <i>Radio Science</i> , 2008, 43, .	0.8	40
36	The first time observations of low-latitude ionospheric irregularities by VHF radar in Hainan. <i>Science China Technological Sciences</i> , 2012, 55, 1189-1197.	2.0	36

#	ARTICLE	IF	CITATIONS
37	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> , 2012, 90-91, 52-60.	0.6	34
38	Responses of Quasi-2 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
39	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
40	Validation of COSMIC ionospheric peak parameters by the measurements of an ionosonde chain in China. <i>Annales Geophysicae</i> , 2014, 32, 1311-1319.	0.6	29
41	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
42	Relations Between Semidiurnal Tidal Variants Through Diagnosing the Zonal Wavenumber Using a Phase Differencing Technique Based on Two Ground-Based Detectors. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4015-4026.	1.2	29
43	Ancient deep-sea sponge grounds on the Flemish Cap and Grand Bank, northwest Atlantic. <i>Marine Biology</i> , 2016, 163, 63.	0.7	27
44	Low Latitude Ionospheric TEC Oscillations Associated With Periodic Changes in IMF Bz Polarity. <i>Geophysical Research Letters</i> , 2019, 46, 9379-9387.	1.5	26
45	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
46	Observations of GPS ionospheric scintillations over Wuhan during geomagnetic storms. <i>Annales Geophysicae</i> , 2006, 24, 1581-1590.	0.6	25
47	Doping evolution of the chemical potential, spin-correlation gap, and charge dynamics of Nd <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> . <i>Physical Review B</i> , 2006, 73, .	1.1	25
48	Investigation of low-latitude E and valley region irregularities: Their relationship to equatorial plasma bubble bifurcation. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
49	Comparison between ionospheric peak parameters retrieved from COSMIC measurement and ionosonde observation over Sanya. <i>Advances in Space Research</i> , 2014, 54, 929-938.	1.2	25
50	On the linkage of daytime 150 km echoes and abnormal intermediate layer traces over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7262-7267.	0.8	24
51	High- and Middle-Latitude Neutral Mesospheric Density Response to Geomagnetic Storms. <i>Geophysical Research Letters</i> , 2018, 45, 436-444.	1.5	23
52	Low-latitude daytime F region irregularities observed in two geomagnetically quiet days by the Hainan coherent scatter phased array radar (HCOPAR). <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2645-2654.	0.8	22
53	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
54	First observation of presunset ionospheric F region bottom-type scattering layer. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3788-3797.	0.8	20

#	ARTICLE	IF	CITATIONS
55	Quasi 10- and 16-Day Wave Activities Observed Through Meteor Radar and MST Radar During Stratospheric Final Warming in 2015 Spring. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 6040-6056.	1.2	20
56	Multiple Technique Observations of the Ionospheric Responses to the 21 June 2020 Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028450.	0.8	19
57	A comparison of lower thermospheric winds derived from range spread and specular meteor trail echoes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
58	Physical origin of the non-physical spin evolution of MAXI J1820+070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2168-2180.	1.6	18
59	Optical study of MgTi <sub>2</sub> O <sub>4</sub> : Evidence for an orbital-Peierls state. <i>Physical Review B</i> , 2006, 74, .	1.1	17
60	The response of high latitude ionosphere to the 2015 St. Patrick's day storm from in situ and ground based observations. <i>Advances in Space Research</i> , 2018, 62, 638-650.	1.2	17
61	GPS phase scintillation at high latitudes during geomagnetic storms of 7-17 March 2012 – Part 2: Interhemispheric comparison. <i>Annales Geophysicae</i> , 2015, 33, 657-670.	0.6	16
62	Daytime Periodic Wave-like Structures in the Ionosphere Observed at Low Latitudes over the Asian-Australian Sector Using Total Electron Content from Beidou Geostationary Satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2312-2322.	0.8	16
63	Quasi-10-Day Wave and Semidiurnal Tide Nonlinear Interactions During the Southern Hemispheric SSW 2019 Observed in the Northern Hemispheric Mesosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL091453.	1.5	16
64	Strong Sporadic E Occurrence Detected by Ground-Based GNSS. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3050-3062.	0.8	15
65	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
66	All-Sky Interferometric Meteor Radar Observations of Zonal Structure and Drifts of Low-Latitude Ionospheric E Region Irregularities. <i>Earth and Space Science</i> , 2019, 6, 2653-2662.	1.1	15
67	High-Order Solar Migrating Tides Quench at SSW Onsets. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086778.	1.5	15
68	Morphological Characteristics of Thousand-Kilometer-Scale E <sub>s</sub> Structures Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028712.	0.8	15
69	Sea Floor Sediment and Its Acouso-Physical Properties in the Southeast Open Sea Area of Hainan Island in China. <i>Marine Georesources and Geotechnology</i> , 2008, 26, 129-144.	1.2	14
70	Daytime F-region irregularity triggered by rocket-induced ionospheric hole over low latitude. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	14
71	Climatology of the mesopause relative density using a global distribution of meteor radars. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7567-7581.	1.9	14
72	Study of the Quasi 10-Day Waves in the MLT Region During the 2018 February SSW by a Meteor Radar Chain. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028367.	0.8	14

#	ARTICLE	IF	CITATIONS
73	Unseasonal super ionospheric plasma bubble and scintillations seeded by the 2022 Tonga Volcano Eruption related perturbations. <i>Journal of Space Weather and Space Climate</i> , 2022, 12, 25.	1.1	14
74	Observation of Short-Period Ionospheric Disturbances Using a Portable Digital Ionosonde at Sanya. <i>Radio Science</i> , 2018, 53, 1521-1532.	0.8	13
75	Unexpected High Occurrence of Daytime F-Region Backscatter Plume Structures Over Low Latitude Sanya and Their Possible Origin. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090517.	1.5	13
76	Study of a Quasi-4-Day Oscillation During the 2018/2019 SSW Over Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027687.	0.8	13
77	Quasi-2-Day Wave in Low-Latitude Atmospheric Winds as Viewed From the Ground and Space During January-March, 2020. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093466.	1.5	13
78	Anomalous Metallic State of $\text{Cu}_{0.07}\text{TiSe}$ : An Optical Spectroscopy Study. <i>Physical Review Letters</i> , 2007, 99, 167002.	2.9	12
79	Statistical Characteristics and Correlation of Low-Latitude F Region Bottom-Type Irregularity Layers and Plasma Plumes Over Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027855.	0.8	12
80	New Features of the Enhancements in Electron Density at Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027539.	0.8	12
81	Observations of equatorial plasma bubbles during the geomagnetic storm of October 2016. <i>Earth and Planetary Physics</i> , 2021, 5, 1-11.	0.4	12
82	Local ionospheric plasma bubble revealed by BDS Geostationary Earth Orbit satellite observations. <i>GPS Solutions</i> , 2021, 25, 1.	2.2	12
83	The possibility of using all-sky meteor radar to observe ionospheric E-region field-aligned irregularities. <i>Science China Technological Sciences</i> , 2019, 62, 1431-1437.	2.0	11
84	Prominent Daytime TEC Enhancements Under the Quiescent Condition of January 2017. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088398.	1.5	11
85	Variations of Mesospheric Neutral Winds and Tides Observed by a Meteor Radar Chain Over China During the 2013 Sudden Stratospheric Warming. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027443.	0.8	11
86	A Variable Ionized Disk Wind in the Black Hole Candidate EXO 1846-031. <i>Astrophysical Journal</i> , 2021, 906, 11.	1.6	11
87	Global balanced wind derived from SABER temperature and pressure observations and its validations. <i>Earth System Science Data</i> , 2021, 13, 5643-5661.	3.7	11
88	A comparative study of GPS ionospheric scintillations and ionogram spread F over Sanya. <i>Annales Geophysicae</i> , 2015, 33, 1421-1430.	0.6	10
89	Observations of the new Camelopardalids meteor shower using a 38.9MHz radar at Mohe, China. <i>Icarus</i> , 2015, 253, 25-30.	1.1	10
90	Insight-HXMT observations of Swift J0243.6+6124: the evolution of RMS pulse fractions at super-Eddington luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 5498-5506.	1.6	10

#	ARTICLE	IF	CITATIONS
91	A Case Study of the Enhancements in Ionospheric Electron Density and Its Longitudinal Gradient at Chinese Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027751.	0.8	10
92	Strongly extended diffusion length for the nonequilibrium magnons in Y3Fe5O12 by photoexcitation. <i>Physical Review Materials</i> , 2018, 2, .	0.9	10
93	First results of optical meteor and meteor trail irregularity from simultaneous Sanya radar and video observations. <i>Earth and Planetary Physics</i> , 2018, 2, 15-21.	0.4	10
94	An interhemispheric comparison of GPS phase scintillation with auroral emission observed at the South Pole and from the DMSP satellite. <i>Annals of Geophysics</i> , 2013, 56, .	0.5	10
95	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
96	Zonal Wave Number Diagnosis of Rossby Wave-Like Oscillations Using Paired Ground-Based Radars. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031599.	1.2	9
97	Coupling Between <i>E</i> Region Quasi-Periodic Echoes and <i>F</i> Region Medium-Scale Traveling Ionospheric Disturbances at Low Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027720.	0.8	9
98	Search for gamma-ray bursts and gravitational wave electromagnetic counterparts with High Energy X-ray Telescope of <i>Insight-HXMT</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 3910-3920.	1.6	9
99	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
100	Possible evidence for small-scale wave seeding of equatorial plasma bubbles. <i>Advances in Space Research</i> , 2019, 63, 3612-3620.	1.2	8
101	On the Seeding of Periodic Equatorial Plasma Bubbles by Gravity Waves Associated With Tropical Cyclone: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028003.	0.8	8
102	The 2018 failed outburst of H 1743 -322: <i>Insight-HXMT</i> , <i>NuSTAR</i> , and <i>NICER</i> views. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4541-4555.	1.6	8
103	Design of Meteor and Ionospheric Irregularity Observation System and First Results. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	8
104	Unexpected Regional Zonal Structures in Low Latitude Ionosphere Call for a High Longitudinal Resolution of the Global Ionospheric Maps. <i>Remote Sensing</i> , 2022, 14, 2315.	1.8	8
105	Observational evidence of high-altitude meteor trail from radar interferometer. <i>Geophysical Research Letters</i> , 2014, 41, 6583-6589.	1.5	7
106	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
107	Characteristics of the quasi-16-day wave in the mesosphere and lower thermosphere region as revealed by meteor radar, Aura satellite, and MERRA2 reanalysis data from 2008 to 2017. <i>Earth and Planetary Physics</i> , 2020, 4, 274-284.	0.4	7
108	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



#	ARTICLE	IF	CITATIONS
109	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
110	Multi-instrument study of longitudinal wave structures for plasma bubble seeding in the equatorial ionosphere. <i>Earth and Planetary Physics</i> , 2021, 5, 1-10.	0.4	7
111	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
112	Strong Quarterdiurnal Tides in the Mesosphere and Lower Thermosphere During the 2019 Arctic Sudden Stratospheric Warming Over Mohe, China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029066.	0.8	7
113	First Observational Evidence for the Role of Polar Vortex Strength in Modulating the Activity of Planetary Waves in the MLT Region. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
114	Developments of microwave HTS-based devices and subsystems for applications in civilian satellites. , 2013, , .		6
115	Statistical characteristics of locally generated ESF during equinoctial months over Sanya. <i>Advances in Space Research</i> , 2018, 61, 2227-2233.	1.2	6
116	The Behaviors of Ionospheric Scintillations Around Different Types of Nightside Auroral Boundaries Seen at the Chinese Yellow River Station, Svalbard. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	1.1	6
117	Multivariate Analysis on the Ionospheric Responses to Planetary Waves During the 2019 Antarctic SSW Event. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028588.	0.8	6
118	Micromagnetic simulation of the ground states of Ce-Fe-B amorphous nanodisks. <i>AIP Advances</i> , 2018, 8, 056011.	0.6	5
119	Statistical Study on the Occurrences of Postsunset Ionospheric E , Valley, and F Region Irregularities and Their Correlations Over Low-Latitude Sanya. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9873-9880.	0.8	5
120	Dilatory and Downward Development of 300m Scale Irregularities in the Funnel-Like Region of a Rapidly Rising Equatorial Plasma Bubble. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087256.	1.5	5
121	Mesospheric Q2DW Interactions With Four Migrating Tides at 53°N Latitude: Zonal Wavenumber Identification Through Dual-Station Approaches. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL092237.	1.5	5
122	MIOS optical subsystem for determining physical and chemical properties of meteors producing plasma irregularities. <i>Advances in Space Research</i> , 2021, 68, 1556-1567.	1.2	5
123	The response of high latitude ionosphere to the 2015 June 22 storm. <i>Annals of Geophysics</i> , 2018, 61, .	0.5	5
124	Occurrences of regional strong E s irregularities and corresponding scintillations characterized using a high-temporal-resolution GNSS network. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	0.8	5
125	The design and performance of charged particle detector onboard the GECAM mission. <i>Radiation Detection Technology and Methods</i> , 2022, 6, 53-62.	0.4	5
126	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



#	ARTICLE	IF	CITATIONS
127	Impurity diffusion of Mo in Zr <sub>57</sub> Nb <sub>5</sub> Cu <sub>15.4</sub> Ni <sub>12.6</sub> Al <sub>10</sub> bulk metallic glass. Journal of Materials Science Letters, 2003, 22, 171-173.	0.5	4
128	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
129	Observations of Evolutionâ€Type Bandâ€Like Structures of <i>F</i> Region Irregularities. Journal of Geophysical Research: Space Physics, 2019, 124, 1426-1443.	0.8	4
130	Climatology of Interhemispheric Mesopause Temperatures Using the Highâ€Latitude and Middleâ€Latitude Meteor Radars. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034301.	1.2	4
131	On the solar activity dependence of midnight equatorial plasma bubbles during June solstice periods. Earth and Planetary Physics, 2021, 5, 1-9.	0.4	3
132	QPOs and Orbital elements of X-ray binary 4U 0115+63 during the 2017 outburst observed by <i>Insight</i>-HXMT. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	3
133	Onset location of scintillation-producing spread-F plume over Sanya. Science China Earth Sciences, 2016, 59, 1692-1699.	2.3	2
134	Study of a Quasiâ€27â€Day Wave in the MLT Region During Recurrent Geomagnetic Storms in Autumn 2018. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028865.	0.8	2
135	Inhibition of F3 Layer at Low Latitude Station Sanya During Recovery Phase of Geomagnetic Storms. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029850.	0.8	2
136	The data acquisition algorithm designed for the SiPM-based detectors of GECAM satellite. Radiation Detection Technology and Methods, 2022, 6, 70-77.	0.4	2
137	Observations of a Strong Intraseasonal Oscillation in the MLT Region During the 2015/2016 Winter Over Mohe, China. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	2
138	Glueballs at finite temperature in quenched lattice QCD. , 2010, , .		1
139	Characteristics of GPS ionospheric scintillation and TEC depletion in the Chinese low latitude region. , 2016, , .		1
140	GPS phase scintillation and auroral electrojet currents during geomagnetic storms of March 17, 2013 and 2015. , 2017, , .		1
141	Preface to the Special Issue on Recent Advances in the study of Equatorial Plasma Bubbles and Ionospheric Scintillation. Earth and Planetary Physics, 2021, 5, 365-367.	0.4	1
142	X-ray System for Early Diagnosis of Breast Cancer. AIP Conference Proceedings, 2007, , .	0.3	0
143	Interferometry observations of meteor trail irregularity using the Sanya VHF radar. , 2014, , .		0
144	Onset and evolution of ESF plumes observed using the EAR and Sanya VHF radar in Southeast Asia. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
145	Evidence of daytime 150-km echoes associated with the upper E region density gradient over Sanya. , 2014, , .		0
146	Irregularity observation with multiple VHF coherent radars in China. , 2016, , .		0
147	Tidal Variations in the Ionosphere and Mesosphere Over Eastern China During 2014. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027526.	0.8	0
148	Responses of equatorial plasma bubbles during geomagnetic storm of October 2016 observed by Beidou GEO TEC observations. , 2020, , .		0