

# Y-L Zhang

## List of Publications by Year in descending order

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144  
papers

4,011  
citations

156536

32  
h-index

162838

57  
g-index

151  
all docs

151  
docs citations

151  
times ranked

2695  
citing authors

#	ARTICLE	IF	CITATIONS
1	The International Reference Ionosphere 2012 – a model of international collaboration. <i>Journal of Space Weather and Space Climate</i> , 2014, 4, A07.	1.1	503
2	Initial observations with the Global Ultraviolet Imager (GUVI) in the NASA TIMED satellite mission. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	305
3	An empirical Kp-dependent global auroral model based on TIMED/GUVI FUV data. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2008, 70, 1231-1242.	0.6	199
4	O/N2 changes during 1–4 October 2002 storms: IMAGE SI-13 and TIMED/GUVI observations. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	135
5	Profiles of ionospheric storm-enhanced density during the 17 March 2015 great storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 727-744.	0.8	121
6	OVATION Prime–2013: Extension of auroral precipitation model to higher disturbance levels. <i>Space Weather</i> , 2014, 12, 368-379.	1.3	82
7	Periodic modulations in thermospheric composition by solar wind high speed streams. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	80
8	Ionospheric response to the initial phase of geomagnetic storms: Common features. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	75
9	Relative importance of horizontal and vertical transports to the formation of ionospheric storm-enhanced density and polar tongue of ionization. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8121-8133.	0.8	71
10	Lion roars in the magnetosheath: The Geotail observations. <i>Journal of Geophysical Research</i> , 1998, 103, 4615-4626.	3.3	64
11	Statistical relationship between large-scale upward field-aligned currents and electron precipitation. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6715-6731.	0.8	58
12	Observations of ion-neutral coupling associated with strong electrodynamic disturbances during the 2015 St. Patrick's Day storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1314-1337.	0.8	57
13	Far ultraviolet instrument technology. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2706-2733.	0.8	54
14	Whistler mode waves in the magnetotail. <i>Journal of Geophysical Research</i> , 1999, 104, 28633-28644.	3.3	53
15	Nighttime -region morphology in the low and middle latitudes seen from DMSP F15 and TIMED/GUVI. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2006, 68, 1672-1681.	0.6	53
16	GUVI: a hyperspectral imager for geospace. , 2004, , .		52
17	Geospace system responses to the St. Patrick's Day storms in 2013 and 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6901-6906.	0.8	51
18	In situ spatiotemporal measurements of the detailed azimuthal substructure of the substorm current wedge. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 927-946.	0.8	49

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19	Long-lasting negative ionospheric storm effects in low and middle latitudes during the recovery phase of the 17 March 2013 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9234-9249.	0.8	49
20	GPS phase scintillation at high latitudes during the geomagnetic storm of 17-18 March 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,448.	0.8	49
21	Sudden solar wind dynamic pressure enhancements and dayside detached auroras: IMAGE and DMSP observations. <i>Journal of Geophysical Research</i> , 2003, 108, COA 2-1.	3.3	48
22	Case study of the 15 July 2000 magnetic storm effects on the ionosphere-driver of the positive ionospheric storm in the winter hemisphere. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	46
23	A comparative study of TEC response for the African equatorial and mid-latitudes during storm conditions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2013, 102, 105-114.	0.6	44
24	O and N <sub>2</sub> disturbances in the F <sub>1</sub> region during the 20 November 2003 storm seen from TIMED/GUVI. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	43
25	Negative ionospheric storms seen by the IMAGE FUV instrument. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	42
26	On the solar cycle variation of the winter anomaly. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4938-4949.	0.8	38
27	Equatorial ionospheric plasma drifts and O <sup>+</sup> concentration enhancements associated with disturbance dynamo during the 2015 St. Patrick's Day magnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7961-7973.	0.8	37
28	Interplanetary shock induced ring current auroras. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	36
29	Storm-time behaviors of O/N <sub>2</sub> and NO variations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2014, 114, 42-49.	0.6	36
30	Magnetopause erosion during the 17 March 2015 magnetic storm: Combined field-aligned currents, auroral oval, and magnetopause observations. <i>Geophysical Research Letters</i> , 2016, 43, 2396-2404.	1.5	36
31	Thermospheric composition variations due to nonmigrating tides and their effect on ionosphere. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	34
32	Earth's ion upflow associated with polar cap patches: Global and in situ observations. <i>Geophysical Research Letters</i> , 2016, 43, 1845-1853.	1.5	34
33	Seasonal and hemispheric variations of the total auroral precipitation energy flux from TIMED/GUVI. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	33
34	Empirical relationship between electron precipitation and far-ultraviolet auroral emissions from DMSP observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1203-1209.	0.8	33
35	Coincident equatorial bubble detection by TIMED/GUVI and ROCSAT-1. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	31
36	Magnetotail behavior during storm time "sawtooth injections". <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	31

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37	Large variations in the thermosphere and ionosphere during minor geomagnetic disturbances in April 2002 and their association with IMFBy. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	31
38	Impacts of CME-induced geomagnetic storms on the midlatitude mesosphere and lower thermosphere observed by a sodium lidar and TIMED/GUVI. <i>Geophysical Research Letters</i> , 2015, 42, 7295-7302.	1.5	31
39	Linear and nonlinear interactions of an electron beam with oblique whistler and electrostatic waves in the magnetosphere. <i>Journal of Geophysical Research</i> , 1993, 98, 21353-21363.	3.3	30
40	Bursts of whistler mode waves in the upstream of the bow shock: Geotail observations. <i>Journal of Geophysical Research</i> , 1998, 103, 20529-20540.	3.3	30
41	Explaining solar cycle effects on composition as it relates to the winter anomaly. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5890-5898.	0.8	30
42	The use of far ultraviolet remote sensing to monitor space weather. <i>Advances in Space Research</i> , 2003, 31, 813-818.	1.2	27
43	Nightside midlatitude ionospheric arcs: TIMED/GUVI observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3584-3591.	0.8	27
44	Near real-time assimilation in IRI of auroral peak E-region density and equatorward boundary. <i>Advances in Space Research</i> , 2010, 46, 1055-1063.	1.2	26
45	Polar cap study during northward interplanetary magnetic field on 19 January 1998. <i>Physics of Plasmas</i> , 2001, 8, 1119.	0.7	25
46	Height-integrated Joule and auroral particle heating in the night side high latitude thermosphere. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	25
47	The effect of the 135.6nm emission originated from the ionosphere on the TIMED/GUVI O/N <sup>2</sup> ratio. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 859-865.	0.8	25
48	Effects of the equatorial ionosphere anomaly on the interhemispheric circulation in the thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2522-2530.	0.8	25
49	Polar cap arcs: Sun-aligned or cusp-aligned?. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 146, 123-128.	0.6	25
50	Nightside detached auroras due to precipitating protons/ions during intense magnetic storms. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
51	Cluster observation of plasma flow reversal in the magnetotail during a substorm. <i>Annales Geophysicae</i> , 2006, 24, 2005-2013.	0.6	22
52	Evolution in space and time of the quasi-static acceleration potential of inverted-V aurora and its interaction with Alfvénic boundary processes. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	22
53	Conjugate Observations of the Evolution of Polar Cap Arcs in Both Hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1794-1805.	0.8	22
54	Polar cap arcs from the magnetosphere to the ionosphere: kinetic modelling and observations by Cluster and TIMED. <i>Annales Geophysicae</i> , 2012, 30, 283-302.	0.6	21

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55	GPS phase scintillation at high latitudes during geomagnetic storms of 7â€“17 March 2012 â€“ Part 1: The North American sector. <i>Annales Geophysicae</i> , 2015, 33, 637-656.	0.6	21
56	Nightside thermospheric FUV emissions due to energetic neutral atom precipitation during magnetic superstorms. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	20
57	Long-term variation in the thermosphere: TIMED/GUVI observations. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	20
58	TIMED/GUVI observation of solar illumination effect on auroral energy deposition. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	20
59	On the Responses of Mesosphere and Lower Thermosphere Temperatures to Geomagnetic Storms at Low and Middle Latitudes. <i>Geophysical Research Letters</i> , 2018, 45, 10,128.	1.5	20
60	October 2002 30-day incoherent scatter radar experiments at Millstone Hill and Svalbard and simultaneous GUVI/TIMED observations. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	19
61	Statistical comparison of isolated and nonâ€“isolated auroral substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 2466-2477.	0.8	19
62	Highâ€“latitude ionosphere convection and Birkeland current response for the 15 May 2005 magnetic storm recovery phase. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	18
63	Longitudinal variations of nighttime electron auroral precipitation in both the Northern and Southern hemispheres from the TIMED global ultraviolet imager. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
64	Reversed two-cell convection in the Northern and Southern hemispheres during northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	18
65	Transpolar arc observation after solar wind entry into the highâ€“latitude magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3525-3534.	0.8	18
66	Dawnside Auroral Polarization Streams. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027742.	0.8	18
67	Undulations on the equatorward edge of the diffuse proton aurora: TIMED/GUVI observations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	17
68	Far-ultraviolet signature of polar cusp during southward IMF observed by TIMED/Global Ultraviolet Imager and DMSP. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	17
69	Invertedâ€“V and lowâ€“energy broadband electron acceleration features of multiple auroras within a largeâ€“scale surge. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5543-5552.	0.8	17
70	Equatorward propagating auroral arcs driven by ULF wave activity: Multipoint groundâ€“and spaceâ€“based observations in the dusk sector auroral oval. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5591-5605.	0.8	17
71	GPS phase scintillation at high latitudes during geomagnetic storms of 7â€“17 March 2012 â€“ Part 2: Interhemispheric comparison. <i>Annales Geophysicae</i> , 2015, 33, 657-670.	0.6	16
72	Interhemispheric Survey of Polar Cap Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7283-7306.	0.8	16

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73	Responses of Lower Thermospheric Temperature to the 2013 St. Patrick's Day Geomagnetic Storm. <i>Geophysical Research Letters</i> , 2018, 45, 4656-4664.	1.5	15
74	Double dayside detached auroras: TIMED/GUVI observations. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	14
75	Polar rain aurora. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	14
76	Does the polar cap disappear under an extended strong northward IMF?. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2009, 71, 2006-2012.	0.6	14
77	The non-“storm time corrugated upper thermosphere: What is beyond MSIS?. <i>Space Weather</i> , 2017, 15, 746-760.	1.3	14
78	Impact of nitric oxide, solar EUV and particle precipitation on thermospheric density decrease. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 182, 147-154.	0.6	14
79	E-region ionospheric storm on May 1-3, 2010: GSM TIP model representation and suggestions for IRI improvement. <i>Advances in Space Research</i> , 2015, 55, 2124-2130.	1.2	13
80	High-latitude F-region Pedersen conductivity deduced using the TIMED/GUVI limb retrievals. <i>Annales Geophysicae</i> , 2006, 24, 1311-1316.	0.6	12
81	Multi-instrument observation of simultaneous polar cap auroras on open and closed magnetic field lines. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4367-4386.	0.8	12
82	Low-latitude Zonal Ion Drifts and Their Relationship With Subauroral Polarization Streams and Auroral Return Flows During Intense Magnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	12
83	A continuous view of the dawn-dusk polar cap. <i>Geophysical Research Letters</i> , 2000, 27, 477-480.	1.5	11
84	Auroral and thermospheric response to the 9 day periodic variations in the dayside reconnection rate in 2005. <i>Space Weather</i> , 2010, 8, n/a-n/a.	1.3	11
85	Cluster multipoint study of the acceleration potential pattern and electrodynamics of an auroral surge and its associated horn arc. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	11
86	The effect of geomagnetic storm-induced enhancements to ionospheric emissions on the interpretation of the TIMED/GUVI O/N <sub>2</sub> ratio. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7834-7840.	0.8	11
87	Modeled IMF By Effects on the Polar Ionosphere and Thermosphere Coupling. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026949.	0.8	11
88	Solar cycle variations of thermospheric composition at the solstices. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3740-3749.	0.8	10
89	Storm-time variations of atomic nitrogen 149.3-nm emission. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 169, 78-82.	0.6	10
90	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

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91	Temporal and spatial components in the storm-time ionospheric disturbances. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	9
92	Longitudinal variations of thermospheric composition at the solstices. Journal of Geophysical Research: Space Physics, 2016, 121, 6818-6829.	0.8	9
93	Auroral Ionospheric <i>E</i> Region Parameters Obtained From Satellite-Based Far Ultraviolet and Ground-Based Ionosonde Observations: Data, Methods, and Comparisons. Journal of Geophysical Research: Space Physics, 2018, 123, 6065-6089.	0.8	9
94	Statistical Relations Between Field-Aligned Currents and Precipitating Electron Energy Flux. Geophysical Research Letters, 2018, 45, 8738-8745.	1.5	9
95	Dayside convection aligned auroral arcs. Geophysical Research Letters, 2006, 33, .	1.5	8
96	Unusual declining phase of solar cycle 23: Weak semi-annual variations of auroral hemispheric power and geomagnetic activity. Geophysical Research Letters, 2009, 36, .	1.5	8
97	Introduction to NASA Living With a Star Institute Special Section on Low Earth Orbit Satellite Drag: Science and Operational Impact. Space Weather, 2018, 16, 939-945.	1.3	8
98	A New Type of Polar Cap Arc Observed in the ~1500ÅMLT Sector: 1. Northern Hemisphere Observations. Geophysical Research Letters, 2020, 47, e2020GL090261.	1.5	8
99	Equatorial Plasma Drifts During the Magnetic Storm on November 7-11, 2004: Identifications of the Roles of Penetration and Disturbance Dynamo Electric Fields With Multi-Instrumental Measurements. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029386.	0.8	8
100	Solar and Geomagnetic Activity Impact on Occurrence and Spatial Size of Cold and Hot Polar Cap Patches. Geophysical Research Letters, 2021, 48, e2021GL094526.	1.5	8
101	Embedded Regions 1 and 2 Field-Aligned Currents: Newly Recognized From Low-Altitude Spacecraft Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029207.	0.8	7
102	Magnetic noise bursts near the interplanetary shock associated with the coronal mass ejection event on February 21, 1994: The Geotail observations. Journal of Geophysical Research, 1998, 103, 20561-20579.	3.3	6
103	Interplanetary magnetic field control of polar patch velocity. Journal of Geophysical Research, 2003, 108, .	3.3	6
104	Comment on "Wavelet-based ULF wave diagnosis of substorm expansion phase onset" by K. Murphy et al.. Journal of Geophysical Research, 2009, 114, .	3.3	6
105	Space Technology 5 multipoint observations of transpolar arc-related field-aligned currents. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	6
106	Nightside polar rain aurora boundary gap and its applications for magnetotail reconnection. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	6
107	Reply to comment by D.J. Strickland et al. on "Long-term variation in the thermosphere: TIMED/GUVI observations". Journal of Geophysical Research, 2012, 117, .	3.3	6
108	The nightside magnetic field line open-closed boundary and polar rain electron energy-latitude dispersion. Annales Geophysicae, 2015, 33, 39-46.	0.6	6

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109	Deriving Thermospheric Temperature From Observations by the Global Ultraviolet Imager on the Thermosphere Ionosphere Mesosphere Energetics and Dynamics Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5848-5856.	0.8	6
110	DMSP Observations of High-Latitude Dayside Aurora (HiLDA). <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028808.	0.8	6
111	Equatorial broad plasma depletions associated with the enhanced fountain effect. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 402-410.	0.8	5
112	Solar EUV Flux Proxy Using Multifrequency Solar Radio Flux. <i>Space Weather</i> , 2018, 16, 434-441.	1.3	5
113	Observations of conjugated ring current auroras at subauroral latitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 184, 1-4.	0.6	5
114	Statistical Characteristics of Giant Undulations During Geomagnetic Storms. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093098.	1.5	5
115	Ionospheric and Thermospheric Contributions in TIMED/GUVI O 135.6Ånm Radiances. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029333.	0.8	5
116	Transpolar Arcs During a Prolonged Radial Interplanetary Magnetic Field Interval. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029197.	0.8	4
117	Effects of Subauroral Polarization Streams on the Upper Thermospheric Winds During Non-Storm Time. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
118	Polar ionospheric responses to solar wind IMF changes. <i>Annales Geophysicae</i> , 2000, 18, 629-639.	0.6	3
119	Large-scale structures in the Polar Rain. <i>Geophysical Research Letters</i> , 2013, 40, 5576-5580.	1.5	3
120	Determining magnetotail reconnection location from polar rain energy dispersion. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2015, 130-131, 75-80.	0.6	3
121	Multiscale Observation of Two Polar Cap Arcs Occurring on Different Magnetic Field Topologies. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027611.	0.8	3
122	Dayside Cusp Aurorae and Ionospheric Convection Under Radial Interplanetary Magnetic Fields. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2019JA027664.	0.8	3
123	Extremely intense whistler mode waves near the bow shock: Geotail observations. <i>Journal of Geophysical Research</i> , 1999, 104, 449-462.	3.3	3
124	An unusual nightside distortion of the auroral oval: TIMED/GUVI and IMAGE/FUV observations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	2
125	Multi-Periodic Auroral and Thermospheric Variations in 2006. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 207.	0.3	2
126	Geomagnetic Responses Associated With Throat Aurora. <i>Earth and Space Science</i> , 2020, 7, e2020EA001214.	1.1	2

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127	Periodic Variations in Solar Wind and Responses of the Magnetosphere and Thermosphere in March 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029387.	0.8	2
128	Radial Interplanetary Magnetic Field-Induced North-South Asymmetry in Solar Wind-Magnetosphere-Ionosphere Coupling: A Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	0.8	2
129	FUV observations of variations in thermospheric composition and topside ionospheric density during the November 2004 magnetic superstorm. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2022, 228, 105832.	0.6	2
130	Observational Properties of 15MLT-PCA in the Southern Hemisphere and the Switching Effects of IMF $B_z$ on 15MLT-PCA Occurrence. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	2
131	Solar wind dynamic pressure enhancements and polar auroras. <i>Advances in Space Research</i> , 1998, 22, 1305-1308.	1.2	1
132	Horizontal electrojet associated with the sun-aligned arcs. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1999, 61, 1249-1257.	0.6	1
133	Dayside and nightside segments of a polar arc: The particle characteristics. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	1
134	Solar flare impact on FUV based thermospheric O/N <sub>2</sub> estimation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 147, 37-40.	0.6	1
135	The Critical Factor in Controlling the Auroral Intensity in the Cusp Region as Revealed by a Statistical Study on Midday Gap and Non-Gap Events. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092414.	1.5	1
136	Statistical Analysis of Throat Aurora Using Long Term DMSP/SSUSI Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029164.	0.8	1
137	Statistical Distribution of Decameter Scale (50Åm) Ionospheric Irregularities at High Latitudes. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094794.	1.5	1
138	Middle-Latitude Ionospheric Irregularities and Scintillation During Geomagnetic Storms. , 0, , .		1
139	A Study of the November 15, 1993 Transpolar Arc. <i>Journal of Geomagnetism and Geoelectricity</i> , 1997, 49, S141-S149.	0.8	1
140	Thermospheric density enhancement and limb O 130.4Ånm radiance increase during geomagnetic storms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2022, 229, 105830.	0.6	1
141	Arctic - Antarctic night airglow comparisons. <i>Advances in Space Research</i> , 1999, 24, 1679-1688.	1.2	0
142	The changing polar cap-Interball-2 and ground observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2002, 64, 21-30.	0.6	0
143	Comments on "A new method to subtract dayglow for auroral observation of SSUSI in LBH ranges based on the improved AURICA" by Wang et al. (2021). <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2022, 229, 105833.	0.6	0
144	A Comparative Study on the Factors Controlling the Cusp Auroral Intensity Between the Northern and Southern Hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	0