

Wen-Bin Wang

List of Publications by Year in descending order

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239
papers

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57681

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270
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2932
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Characteristics of Mid-Latitude Ionospheric Irregularities at Geomagnetic Quiet Time: Observations From the Jiamusi and Hokkaido East SuperDARN HF Radars. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	5
2	Thermospheric Density Perturbations Produced by Traveling Atmospheric Disturbances During August 2005 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	28
3	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
4	Ionospheric Topside Diffusive Flux and the Formation of Summer Nighttime Ionospheric Electron Density Enhancement Over Millstone Hill. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
5	Climatology of Mesosphere and Lower Thermosphere Residual Circulations and Mesopause Height Derived From SABER Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	8
6	Ionospheric total electron content anomaly possibly associated with the April 4, 2010 Mw7.2 Baja California earthquake. <i>Advances in Space Research</i> , 2022, 69, 2126-2141.	1.2	5
7	3D Regional Ionosphere Imaging and SED Reconstruction With a New TEC-Based Ionospheric Data Assimilation System (TIDAS). <i>Space Weather</i> , 2022, 20, .	1.3	15
8	Local Time Variations of the Equatorial Electrojet in Simultaneous Response to Subauroral Polarization Streams During Quiet Time. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7
9	Satellite In Situ Electron Density Observations of the Midlatitude Storm Enhanced Density on the Noon Meridional Plane in the F Region During the 20 November 2003 Magnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	8
10	The Effects of IMF B_y on the Middle Thermosphere During a Geomagnetically Quiet-Period at Solar Minimum. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	13
11	Pronounced Suppression and Pattern Merging of Equatorial Ionization Anomalies After the 2022 Tonga Volcano Eruption. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	42
12	Seasonal Variation of Thermospheric Composition Observed by NASA GOLD. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	22
13	Explaining Solar Flare-Induced Ionospheric Ion Upflow at Millstone Hill (42.6°N). <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	6
14	Electrodynamical Coupling of the Geospace System During Solar Flares. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	14
15	Interaction of Oppositely Traveling Medium-Scale Traveling Ionospheric Disturbances Observed in Low Latitudes During Geomagnetically Quiet Nighttime. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028723.	0.8	11
16	Observations and Simulations of the Peak Response Time of Thermospheric Mass Density to the 27-Day Solar EUV Flux Variation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028756.	0.8	2
17	Observation of Postsunset OI 135.6nm Radiance Enhancement Over South America by the GOLD Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028108.	0.8	28
18	Azimuthal averaging reconstruction filtering techniques for finite-difference general circulation models in spherical geometry. <i>Geoscientific Model Development</i> , 2021, 14, 859-873.	1.3	22

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19	Day-to-Day Variability of Diurnal Tide in the Mesosphere and Lower Thermosphere Driven From Below. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2019JA027759.	0.8	6
20	Solar flare effects in the Earth's magnetosphere. <i>Nature Physics</i> , 2021, 17, 807-812.	6.5	27
21	A Deep Learning Model for the Thermospheric Nitric Oxide Emission. <i>Space Weather</i> , 2021, 19, e2020SW002619.	1.3	5
22	Longitudinal Variations of Equatorial Ionospheric Electric Fields Near Sunrise. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028977.	0.8	3
23	Comments on "Poststorm Thermospheric NO Overcooling" by Mikhailov and Perrone (2020). <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA027992.	0.8	3
24	From Bow Waves to Traveling Atmospheric Disturbances: Thermospheric Perturbations Along Solar Eclipse Trajectory. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028523.	0.8	7
25	A Comparison of the CIR and CME-Induced Geomagnetic Activity Effects on Mesosphere and Lower Thermospheric Temperature. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029029.	0.8	11
26	The Influence of Ionospheric Neutral Wind Variations on the Morphology and Propagation of Medium Scale Traveling Ionospheric Disturbances on 8th August 2016. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029037.	0.8	7
27	Alignment of High-Latitude Ionospheric and Thermospheric Lagrangian Coherent Structures. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029028.	0.8	2
28	Investigation of a Neutral "Tongue" Observed by GOLD During the Geomagnetic Storm on May 11, 2019. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028817.	0.8	46
29	Variations in Thermosphere Composition and Ionosphere Total Electron Content Under "Geomagnetically Quiet" Conditions at Solar Minimum. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093300.	1.5	40
30	Characterization of High-ULF Wave Signatures in GPS TEC Data. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094282.	1.5	6
31	Response of GOLD Retrieved Thermospheric Temperatures to Geomagnetic Activities of Varying Magnitudes. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093905.	1.5	18
32	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
33	Middle-Low Latitude Neutral Composition and Temperature Responses to the 20 and 21 November 2003 Superstorm From GUVI Dayside Limb Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028427.	0.8	23
34	Equatorial Nighttime Thermospheric Zonal Wind Jet Response to the Temporal Oscillation of Solar Wind. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029345.	0.8	2
35	Longitudinal dependence of ionospheric Poynting Flux in the Northern Hemisphere during quiet times. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029717.	0.8	3
36	Climatology analysis of the daytime topside ionospheric diffusive O ⁺ flux based on incoherent scatter radar observations at Millstone Hill. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029222.	0.8	6

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37	The Response of Middle Thermosphere (~ 160 km) Composition to the November 20 and 21, 2003 Superstorm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029449.	0.8	16
38	Nighttime meridional neutral wind responses to SAPS simulated by the TIEGCM: a universal time effect. <i>Earth and Planetary Physics</i> , 2021, 5, 1-11.	0.4	15
39	Ionospheric Electrodynamical Response to Solar Flares in September 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	7
40	Global Effects of a Polar Solar Eclipse on the Coupled Magnetosphere-Ionosphere System. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	10
41	The Role of Diffuse Electron Precipitation in the Formation of Subauroral Polarization Streams. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	19
42	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
43	The Two-Dimensional Evolution of Thermospheric O/N_2 Response to Weak Geomagnetic Activity During Solar Minimum Observed by GOLD. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088838.	1.5	59
44	An investigation of mid-latitude ionospheric peak in TEC using the TIEGCM. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 211, 105480.	0.6	6
45	Ionospheric Responses at Low Latitudes to the Annular Solar Eclipse on 21 June 2020. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028483.	0.8	26
46	Seasonal Variation of O/N_2 on Different Pressure Levels From GUVI Limb Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027844.	0.8	11
47	3D Tomographic Reconstruction of SED Plume During 17 March 2013 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028257.	0.8	13
48	First Global-Scale Synoptic Imaging of Solar Eclipse Effects in the Thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027789.	0.8	17
49	Importance of Regional-Scale Auroral Precipitation and Electrical Field Variability to the Storm-Time Thermospheric Temperature Enhancement and Inversion Layer (TTEIL) in the Antarctic E Region. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028224.	0.8	9
50	Comparison of GOLD Nighttime Measurements With Total Electron Content: Preliminary Results. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027767.	0.8	35
51	The Physical Mechanisms for the Sunrise Enhancement of Equatorial Ionospheric Upward Vertical Drifts. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028161.	0.8	10
52	The characteristics of terdiurnal tides in the ionosphere. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	0.5	2
53	Early Morning Equatorial Ionization Anomaly From GOLD Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027487.	0.8	15
54	Influence of Nonmigrating Tides and Geomagnetic Field Geometry on the Diurnal and Longitudinal Variations of the Equatorial Electrojet. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027631.	0.8	9

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55	Different Peak Response Time of Daytime Thermospheric Neutral Species to the 27-Day Solar EUV Flux Variations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027840.	0.8	8
56	Equatorial plasma bubbles developing around sunrise observed by an all-sky imager and global navigation satellite system network during storm time. <i>Annales Geophysicae</i> , 2020, 38, 163-177.	0.6	10
57	Modeled IMF B_z Effects on the Polar Ionosphere and Thermosphere Coupling. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026949.	0.8	11
58	Responses of the Thermosphere and Ionosphere System to Concurrent Solar Flares and Geomagnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027431.	0.8	11
59	First Synoptic Observations of Geomagnetic Storm Effects on the Global-Scale OI 135.6-nm Dayglow in the Thermosphere by the GOLD Mission. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085400.	1.5	14
60	New Observations of Large-Scale Waves Coupling With the Ionosphere Made by the GOLD Mission: Quasi-16-Day Wave Signatures in the F-Region OI 135.6-nm Nightglow During Sudden Stratospheric Warmings. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027880.	0.8	24
61	Prediction of the thermospheric and ionospheric responses to the 21 June 2020 annular solar eclipse. <i>Earth and Planetary Physics</i> , 2020, 4, 1-7.	0.4	26
62	SAPS in the 17 March 2013 Storm Event: Initial Results From the Coupled Magnetosphere-Ionosphere-Thermosphere Model. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6212-6225.	0.8	27
63	Mars Upper Atmospheric Responses to the 10 September 2017 Solar Flare: A Global, Time-Dependent Simulation. <i>Geophysical Research Letters</i> , 2019, 46, 9334-9343.	1.5	19
64	EnKF Ionosphere and Thermosphere Data Assimilation Algorithm Through a Sparse Matrix Method. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7356-7365.	0.8	14
65	What Do the New 2018 HIWIND Thermospheric Wind Observations Tell Us About High-Latitude Ion-Neutral Coupling During Daytime?. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6173-6181.	0.8	6
66	A Simulation Study on the Time Delay of Daytime Thermospheric Temperature Response to the 27-Day Solar EUV Flux Variation. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9184-9193.	0.8	10
67	An EOFs Study of Thermospheric Nitric Oxide Flux Based on TIEGCM simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9695-9708.	0.8	9
68	HIWIND Observation of Summer Season Polar Cap Thermospheric Winds. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9270-9277.	0.8	6
69	The Midlatitude Thermospheric Dynamics From an Interhemispheric Perspective. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7971-7983.	0.8	9
70	The Effects of IMF B_z Periodic Oscillations on Thermospheric Meridional Winds. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5800-5815.	0.8	13
71	Empirical Orthogonal Function Analysis and Modeling of the Topside Ionospheric and Plasmaspheric TECs. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3681-3698.	0.8	5
72	Understanding the Behaviors of Thermospheric Nitric Oxide Cooling During the 15 May 2005 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2113-2126.	0.8	19

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73	The UT Variation of the Polar Ionosphere Based on COSMIC Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 3139-3148.	0.8	4
74	A Modeling Study of the Responses of Mesosphere and Lower Thermosphere Winds to Geomagnetic Storms at Middle Latitudes. Journal of Geophysical Research: Space Physics, 2019, 124, 3666-3680.	0.8	21
75	Solar Flare and Geomagnetic Storm Effects on the Thermosphere and Ionosphere During 6â€“11 September 2017. Journal of Geophysical Research: Space Physics, 2019, 124, 2298-2311.	0.8	67
76	Physical Processes Driving the Response of the F_2 Region Ionosphere to the 21 August 2017 Solar Eclipse at Millstone Hill. Journal of Geophysical Research: Space Physics, 2019, 124, 2978-2991.	0.8	26
77	Annual and Semiannual Oscillations of Thermospheric Composition in TIMED/GUVI Limb Measurements. Journal of Geophysical Research: Space Physics, 2019, 124, 3067-3082.	0.8	20
78	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
79	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
80	Formation of Double Tongues of Ionization During the 17 March 2013 Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2019, 124, 10619-10630.	0.8	14
81	Suppression of the Polar Tongue of Ionization During the 21 August 2017 Solar Eclipse. Geophysical Research Letters, 2018, 45, 2918-2925.	1.5	25
82	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
83	First Results From the Ionospheric Extension of WACCMâ€“X During the Deep Solar Minimum Year of 2008. Journal of Geophysical Research: Space Physics, 2018, 123, 1534-1553.	0.8	50
84	Faster Traveling Atmosphere Disturbances Caused by Polar Ionosphere Turbulence Heating. Journal of Geophysical Research: Space Physics, 2018, 123, 2181-2191.	0.8	10
85	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
86	Development and Validation of the Whole Atmosphere Community Climate Model With Thermosphere and Ionosphere Extension (WACCMâ€“X 2.0). Journal of Advances in Modeling Earth Systems, 2018, 10, 381-402.	1.3	213
87	On the Relation Between Soft Electron Precipitations in the Cusp Region and Solar Wind Coupling Functions. Journal of Geophysical Research: Space Physics, 2018, 123, 211-226.	0.8	1
88	Hemispheric Asymmetry of the Vertical Ion Drifts at Dawn Observed by DMSP. Journal of Geophysical Research: Space Physics, 2018, 123, 10,213.	0.8	5
89	Transition of Interhemispheric Asymmetry of Equatorial Ionization Anomaly During Solstices. Journal of Geophysical Research: Space Physics, 2018, 123, 10,283.	0.8	15
90	A Comparison Study of NO Cooling Between TIMED/SABER Measurements and TIEGCM Simulations. Journal of Geophysical Research: Space Physics, 2018, 123, 8714-8729.	0.8	25

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91	The Longitudinal Variations of Upper Thermospheric Zonal Winds Observed by the CHAMP Satellite at Low and Midlatitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9652-9668.	0.8	22
92	Does the Peak Response of the Ionospheric F_2 Region Plasma Lag the Peak of 27-day Solar Flux Variation by Multiple Days?. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7906-7916.	0.8	24
93	A Comparison of Quiet Time Thermospheric Winds Between FPI Observations and Model Calculations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7789-7805.	0.8	15
94	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
95	Long-Lasting Response of the Global Thermosphere and Ionosphere to the 21 August 2017 Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4309-4316.	0.8	34
96	Temporal Variation of Solar Wind in Controlling Solar Wind-Magnetosphere-Ionosphere Energy Budget. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5862-5869.	0.8	11
97	A Long-Term Data Set of Vertical Ion Drift Velocity at High Latitudes Constructed From DMSP Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6090-6102.	0.8	3
98	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
99	Global Responses of the Coupled Thermosphere and Ionosphere System to the August 2017 Great American Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7040-7050.	0.8	52
100	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
101	Solar cycle variations of thermospheric O/N_2 longitudinal pattern from TIMED/GUVI. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2605-2618.	0.8	15
102	Thermospheric recovery during the 5 April 2010 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4588-4599.	0.8	21
103	Effects of electrojet turbulence on a magnetosphere-ionosphere simulation of a geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5008-5027.	0.8	41
104	Evolution processes of a group of equatorial plasma bubble (EPBs) simultaneously observed by ground-based and satellite measurements in the equatorial region of China. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4819-4836.	0.8	10
105	The quasi 2-day wave response in TIME-GCM nudged with NOGAPS-ALPHA. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5709-5732.	0.8	22
106	Simulations of the ionospheric annual asymmetry: Sun-Earth distance effect. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6727-6736.	0.8	22
107	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
108	A simulation study of seasonal variations in the thermospheric upward propagation of migrating terdiurnal tide. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3737-3747.	0.8	1

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109	Carbon dioxide trends in the mesosphere and lower thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4474-4488.	0.8	27
110	A TIEGCM numerical study of the source and evolution of ionospheric F-region tongues of ionization: Universal time and interplanetary magnetic field dependence. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2017, 156, 87-96.	0.6	19
111	Different Evolution Patterns of Subauroral Polarization Streams (SAPS) During Intense Storms and Quiet Time Substorms. <i>Geophysical Research Letters</i> , 2017, 44, 10,796.	1.5	24
112	Short-term variability in the ionosphere due to the nonlinear interaction between the 6-day wave and migrating tides. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8831-8846.	0.8	40
113	Longitudinal variations of topside ionospheric and plasmaspheric TEC. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6737-6760.	0.8	26
114	Interesting Equatorial Plasma Bubbles Observed by All-sky Imagers in the Equatorial Region of China. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,596.	0.8	25
115	Long-duration depletion in the topside ionospheric total electron content during the recovery phase of the March 2015 strong storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4733-4747.	0.8	52
116	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
117	Statistical behavior of the longitudinal variations of daytime electron density in the topside ionosphere at middle latitudes. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,560.	0.8	8
118	Universal time variations of the auroral hemispheric power and their interhemispheric asymmetry from TIMED/GUVI observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,258-10,268.	0.8	6
119	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
120	A numerical study of nighttime ionospheric variations in the American sector during 28-29 October 2003. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 8985-8994.	0.8	10
121	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
122	Can atomic oxygen production explain the ionospheric annual asymmetry?. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7238-7244.	0.8	14
123	Longitudinal variations of thermospheric composition at the solstices. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6818-6829.	0.8	9
124	Equatorial ionospheric plasma drifts and O^{+} 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
125	Effects of magnetospheric lobe cell convection on dayside upper thermospheric winds at high latitudes. <i>Geophysical Research Letters</i> , 2016, 43, 8348-8355.	1.5	10
126	The observation and simulation of ionospheric response to CIR/high-speed streams-induced geomagnetic activity on 4 April 2005. <i>Radio Science</i> , 2016, 51, 1297-1311.	0.8	4

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127	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
128	Thermospheric hydrogen response to increases in greenhouse gases. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3545-3554.	0.8	8
129	Double-peak subauroral ion drifts (DSAIDs). <i>Geophysical Research Letters</i> , 2016, 43, 5554-5562.	1.5	32
130	Solar cycle variations of thermospheric composition at the solstices. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3740-3749.	0.8	10
131	A statistical analysis of equatorial plasma bubble structures based on an all-sky airglow imager network in China. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,495.	0.8	34
132	New insights into the complex interplay between drag forces and its thermospheric consequences. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 10,417.	0.8	21
133	Anomalous electron heating effects on the <i>E</i> region ionosphere in TIEGCM. <i>Geophysical Research Letters</i> , 2016, 43, 2351-2358.	1.5	18
134	Impact of the interaction between the quasi-2-day wave and tides on the ionosphere and thermosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3555-3563.	0.8	37
135	Formation of polar ionospheric tongue of ionization during minor geomagnetic disturbed conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6860-6873.	0.8	19
136	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
137	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
138	Pathways of F region thermospheric mass density enhancement via soft electron precipitation. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5824-5831.	0.8	16
139	Response of the topside and bottomside ionosphere at low and middle latitudes to the October 2003 superstorms. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6974-6986.	0.8	40
140	Hemispheric asymmetry of subauroral ion drifts: Statistical results. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4544-4554.	0.8	15
141	A numerical study of the effects of migrating tides on thermosphere midnight density maximum. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6766-6778.	0.8	10
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