

Hui Wang

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Subauroral Polarization Streams on the Equatorial Electrojet During the Geomagnetic Storm on 1 June 2013: 2. The Temporal Variations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	9
2	Influence of the Magnetic Field Strength and Solar Activity on the Thermospheric Zonal Wind. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	5
3	Magnetic Local Time and Latitude Distribution of Ionospheric Large-Spatial-Scale EMIC Wave Events: Swarm Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3
4	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
5	Effects of Solar Illumination and Substorms on Auroral Electrojets Based on CHAMP Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028905.	0.8	5
6	Local Time and Longitudinal Differences in the Occurrence Frequency of Ionospheric EMIC Waves During Magnetic Storm Periods. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028878.	0.8	10
7	Persistent Occurrence of Strip-Like Plasma Density Bulges at Conjugate Lower-Mid Latitudes During the September 8–9, 2017 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029020.	0.8	5
8	Dynamics of the Tongue of Ionizations During the Geomagnetic Storm on September 7, 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029038.	0.8	9
9	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
10	Longitudinal Variation in the Thermospheric Superrotation: CHAMP Observation and TIEGCM Simulation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095439.	1.5	3
11	Effects of Subauroral Polarization Streams on the Equatorial Electrojet During the Geomagnetic Storm on June 1, 2013. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029681.	0.8	16
12	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
13	Spatial Characteristics on the Occurrence of the Nighttime Midlatitude Medium-Scale Traveling Ionospheric Disturbance at Topside Ionosphere Revealed by the Swarm Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027739.	0.8	9
14	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
15	A Statistical Study on the Climatology of the Equatorial Plasma Depletions Occurrence at Topside Ionosphere During Geomagnetic Disturbed Periods. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8023-8038.	0.8	10
16	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
17	Dependence of the Equatorial Electrojet on Auroral Activity and In Situ Solar Insulation. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10659-10673.	0.8	11
18	Storm Time EMIC Waves Observed by Swarm and Van Allen Probe Satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 293-312.	0.8	14

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19	Large-scale Structure of Subauroral Polarization Streams During the Main Phase of a Severe Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2964-2973.	0.8	18
20	Climatology of the Occurrence Rate and Amplitudes of Local Time Distinguished Equatorial Plasma Depletions Observed by Swarm Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3014-3026.	0.8	46
21	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
22	The effect of subauroral polarization streams on the mid-latitude thermospheric disturbance neutral winds: a universal time effect. <i>Annales Geophysicae</i> , 2018, 36, 509-525.	0.6	15
23	Temporal and spatial variations of the equatorial electrojet during storm times from CHAMP observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 179, 307-315.	0.6	7
24	Longitudinal structure in electron density at mid-latitudes: upward-propagating tidal effects. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	9
25	Universal time variation of high-latitude thermospheric disturbance wind in response to a substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4638-4653.	0.8	17
26	Longitudinal modulation of electron and mass densities at middle and auroral latitudes: Effect of geomagnetic field strength. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 6595-6610.	0.8	8
27	Global characteristics of auroral Hall currents derived from the Swarm constellation: dependences on season and IMF orientation. <i>Annales Geophysicae</i> , 2017, 35, 1249-1268.	0.6	14
28	The Relationship of High-latitude Thermospheric Wind With Ionospheric Horizontal Current, as Observed by CHAMP Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,378.	0.8	17
29	Longitudinal variation in zonal winds at subauroral regions: Possible mechanisms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 745-763.	0.8	15
30	Vertical structure of longitudinal differences in electron densities at mid-latitudes. <i>Science Bulletin</i> , 2016, 61, 252-262.	4.3	9
31	Theoretical study of zonal differences of electron density at midlatitudes with GITM simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2951-2966.	0.8	25
32	The dayside magnetopause location during radial interplanetary magnetic field periods: Cluster observation and model comparison. <i>Annales Geophysicae</i> , 2015, 33, 437-448.	0.6	8
33	Tidal spectrum analysis of electron density and plasma vertical velocity at mid-latitudes. <i>Chinese Science Bulletin</i> , 2015, 60, 3239-3250.	0.4	3
34	Determining the boundaries of the auroral oval from CHAMP field-aligned current signatures – Part 1. <i>Annales Geophysicae</i> , 2014, 32, 609-622.	0.6	56
35	The spatial distribution of region 2 field-aligned currents relative to subauroral polarization stream. <i>Annales Geophysicae</i> , 2014, 32, 533-542.	0.6	10
36	Strong ionospheric field-aligned currents for radial interplanetary magnetic fields. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3979-3995.	0.8	12

#	ARTICLE	IF	CITATIONS
37	Seasonal variation of the ion upflow in the topside ionosphere during SAPS (subauroral polarization) Tj ETQq1 1 0.784314 rgBTJ /Over	0.6	23
38	Temporal and spatial effects of subauroral polarization streams on the thermospheric dynamics. Journal of Geophysical Research, 2012, 117, .	3.3	23
39	The relation between subauroral polarization streams, westward ion fluxes, and zonal wind: Seasonal and hemispheric variations. Journal of Geophysical Research, 2012, 117, .	3.3	22
40	Effect of subauroral polarization streams on the thermosphere: A statistical study. Journal of Geophysical Research, 2011, 116, .	3.3	41
41	Substorm Time Ionospheric Field-Aligned Currents as Observed by CHAMP. Chinese Journal of Geophysics, 2010, 53, 339-346.	0.2	1
42	Comparative Study of Subauroral Polarization Streams with DMSP Observation and RAM Simulation. Chinese Journal of Geophysics, 2009, 52, 531-540.	0.2	3
43	Statistical study of the subauroral polarization stream: Its dependence on the cross-polar cap potential and subauroral conductance. Journal of Geophysical Research, 2008, 113, .	3.3	50