

# Y-Q Hao

## List of Publications by Year in descending order

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55  
papers

706  
citations

643344

15  
h-index

685536

24  
g-index

61  
all docs

61  
docs citations

61  
times ranked

732  
citing authors

#	ARTICLE	IF	CITATIONS
1	The time delay between the equatorial ionization anomaly and the equatorial electrojet in the eastern Asian and American sectors. <i>Advances in Space Research</i> , 2022, 69, 187-196.	1.2	3
2	Latitudinal and interhemispheric differences of the ionospheric semi-diurnal lunitidal perturbations during the 2009 Arctic sudden stratospheric warming event in the eastern Asia–Australia sector. <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	1
3	Empirical Models of Ion Density Distribution in the Dayside Martian Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
4	Gravity Waves in Titan's Atmosphere: A Comparison Between Linearized Wave Model Calculations and HASI Observations. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	1.5	3
5	Effect of the 2018 Martian Global Dust Storm on the Main Species in the Upper Ionosphere: Observations and Simulations. <i>Journal of Geophysical Research E: Planets</i> , 2022, 127, .	1.5	6
6	Double-Peak Structures of Martian Nightside Total Electron Content in Strong Crustal Magnetic Cusp Regions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092662.	1.5	2
7	The Latitudinal Variation and Hemispheric Asymmetry of the Ionospheric Lunitidal Signatures in the American Sector During Major Sudden Stratospheric Warming Events. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028859.	0.8	7
8	Interaction Between an EMSTID and an EPB in the EIA Crest Region Over China. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029005.	0.8	6
9	The Role of Strong Meridional Neutral Winds in the Formation of Deep Equatorial Ionization Trough in CHAMP Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029319.	0.8	3
10	Lunar Tidal Effect on Equatorial Ionization Anomaly Region in China Low Latitude. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029845.	0.8	3
11	Solar and Magnetic Control of Minor Ion Peaks in the Dayside Martian Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028254.	0.8	7
12	Interaction Between a Southwestward Propagating MSTID and a Poleward Moving WSA-Like Plasma Patch on a Magnetically Quiet Night at Midlatitude China Region. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028085.	0.8	7
13	Multi-Instrumental Observations of the Quasi-Daily Variations From the Lower Thermosphere to the Topside Ionosphere in the Low-Latitude Eastern Asian Sector During the 2017 Sudden Stratospheric Warming Event. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027505.	0.8	12
14	Morphological Differences of the Northern Equatorial Ionization Anomaly Between the Eastern Asian and American Sectors. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027506.	0.8	15
15	The Use of Monthly Mean Average for Investigating the Presence of Hysteresis and Long-Term Trends in Ionospheric NmF <sub>2</sub> . <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026905.	0.8	3
16	The Comparison of Lunar Tidal Characteristics in the Low-Latitudinal Ionosphere Between East Asian and American Sectors During Stratospheric Sudden Warming Events: 2009–2018. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7013-7033.	0.8	20
17	A case study of the large-scale traveling ionospheric disturbances in the eastern Asian sector during the 2015 St. Patrick's Day geomagnetic storm. <i>Annales Geophysicae</i> , 2019, 37, 673-687.	0.6	19
18	Morphological Characteristics of Equatorial Ionization Anomaly Crest Over Nanning Region. <i>Radio Science</i> , 2018, 53, 37-47.	0.8	18

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19	Nighttime ULF Waves Observed in the Topside Ionosphere by the DEMETER Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7726-7739.	0.8	4
20	Nighttime Enhancements in the Midlatitude Ionosphere and Their Relation to the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7686-7696.	0.8	29
21	Meridional movement of northern and southern equatorial ionization anomaly crests in the East-Asian sector during 2002–2003 SSW. <i>Science China Earth Sciences</i> , 2017, 60, 776-785.	2.3	11
22	Prompt GPS TEC response to magnetospheric compression. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4357-4366.	0.8	5
23	Revisiting interminima solar EUV change using adjusted SOHO SEM data. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3420-3429.	0.8	5
24	Observations of ULF waves on the ground and ionospheric Doppler shifts during storm sudden commencement. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 2976-2983.	0.8	6
25	Longitudinal difference in total electron content over the East Asian region: Feature and explanation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2016, 148, 74-81.	0.6	6
26	Changes of solar extreme ultraviolet spectrum in solar cycle 24. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6844-6854.	0.8	11
27	Observational investigation of the possible correlation between medium-scale TIDs and mid-latitude spread F. <i>Advances in Space Research</i> , 2016, 58, 349-357.	1.2	10
28	Ionospheric and geomagnetic disturbances caused by the 2008 Wenchuan earthquake: A revisit. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5758-5777.	0.8	30
29	Influences of the day–night differences of ionospheric variability on the estimation of GPS differential code bias. <i>Radio Science</i> , 2015, 50, 339-353.	0.8	10
30	Hour-to-hour variability of the ionosphere: An application of the classical multidimensional scaling method. <i>Science China Earth Sciences</i> , 2015, 58, 1243-1250.	2.3	0
31	Variability of Schumann resonance parameters observed at low latitude stations in China. <i>Advances in Space Research</i> , 2015, 56, 1389-1399.	1.2	12
32	Analysis of the ionospheric variability based on wavelet decomposition. <i>Science China Technological Sciences</i> , 2015, 58, 174-180.	2.0	4
33	Quasi-16-day periodic meridional movement of the equatorial ionization anomaly. <i>Annales Geophysicae</i> , 2014, 32, 121-131.	0.6	19
34	Weak ionization of the global ionosphere in solar cycle 24. <i>Annales Geophysicae</i> , 2014, 32, 809-816.	0.6	19
35	The variation of the estimated GPS instrumental bias and its possible connection with ionospheric variability. <i>Science China Technological Sciences</i> , 2014, 57, 67-79.	2.0	27
36	Teleseismic magnetic effects (TMDs) of 2011 Tohoku earthquake. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3914-3923.	0.8	28

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37	Particle bursts in the inner radiation belt related to global lightning activity. Science China Technological Sciences, 2013, 56, 2658-2667.	2.0	5
38	A brief of recent research progress on ionospheric disturbances. Science China Information Sciences, 2013, 56, 1-9.	2.7	4
39	Statistical Studies on the Excess Peak Flux in Soft X-rays and EUV Bands from Solar Flares. Solar Physics, 2012, 280, 183-196.	1.0	3
40	A global model: Empirical orthogonal function analysis of total electron content 1999-2009 data. Journal of Geophysical Research, 2012, 117, .	3.3	43
41	Multi-instrument observation on seismic ionospheric effects after great Tohoku earthquake. Journal of Geophysical Research, 2012, 117, .	3.3	37
42	Case study of ionospheric fluctuation over mid-latitude region during one large magnetic storm. Science China Technological Sciences, 2012, 55, 1198-1206.	2.0	2
43	Ionospheric absorption and planetary wave activity in East Asia sector. Science China Technological Sciences, 2012, 55, 1264-1272.	2.0	6
44	Observational study of daytime ionospheric irregularities associated with typhoon. Science China Technological Sciences, 2012, 55, 1302-1304.	2.0	15
45	Impact factor for the ionospheric total electron content response to solar flare irradiation. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	49
46	Case study of apparent longitudinal differences of spread $F_2$ occurrence for two midlatitude stations. Radio Science, 2011, 46, .	0.8	14
47	Investigation of electrons inside the satellite by the Geant4 simulation. Science China Technological Sciences, 2011, 54, 2271-2275.	2.0	5
48	Modeling ionospheric $f_oF_2$ by using empirical orthogonal function analysis. Annales Geophysicae, 2011, 29, 1501-1515.	0.6	43
49	Accuracy analysis of the GPS instrumental bias estimated from observations in middle and low latitudes. Annales Geophysicae, 2010, 28, 1571-1580.	0.6	57
50	Solar cycle variation of the GPS cycle slip occurrence in China low-latitude region. Space Weather, 2010, 8, n/a-n/a.	1.3	8
51	Temporal dependence of GPS cycle slip related to ionospheric irregularities over China low-latitude region. Space Weather, 2010, 8, n/a-n/a.	1.3	12
52	Ultra low frequency waves impact on radiation belt energetic particles. Science in China Series D: Earth Sciences, 2009, 52, 3698-3708.	0.9	10
53	The seasonal dependence of cycle slip occurrence of GPS data over China low latitude region. Science in China Series D: Earth Sciences, 2007, 50, 422-429.	0.9	7
54	Energetic particle radiations measured by particle detector on board CBERS-1 satellite. Science Bulletin, 2007, 52, 665-670.	1.7	7

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55	Analysis of the observation of particle detector inside "CBERS-1" satellite under solar quiet conditions. Science in China Series D: Earth Sciences, 2006, 49, 342-357.	0.9	4