

Y-Q Hao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

464
citations

12
h-index

19
g-index

61
ext. papers

605
ext. citations

2.7
avg, IF

3.57
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 51 | 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> , 2021 , 69, 187-187 | 2.4 | 0 |
| 50 | Lunar Tidal Effect on Equatorial Ionization Anomaly Region in China Low Latitude. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029845 | 2.6 | 1 |
| 49 | Double-Peak Structures of Martian Nightside Total Electron Content in Strong Crustal Magnetic Cusp Regions. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL092662 | 4.9 | 0 |
| 48 | 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 | 2.6 | 0 |
| 47 | 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 | 2.6 | 2 |
| 46 | 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 | 2.6 | 1 |
| 45 | Multi-instrumental Observations of the Quasi-16-Day 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 | 2.6 | 2 |
| 44 | 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 | 2.6 | 6 |
| 43 | Solar and Magnetic Control of Minor Ion Peaks in the Dayside Martian Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028254 | 2.6 | 3 |
| 42 | 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 | 2.6 | 3 |
| 41 | The Use of Monthly Mean Average for Investigating the Presence of Hysteresis and Long-Term Trends in Ionospheric NmF2. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA026905 | 2.6 | 1 |
| 40 | 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 | 2.6 | 12 |
| 39 | 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 | 2 | 9 |
| 38 | Morphological Characteristics of Equatorial Ionization Anomaly Crest Over Nanning Region. <i>Radio Science</i> , 2018 , 53, 37-47 | 1.4 | 10 |
| 37 | Nightside ULF Waves Observed in the Topside Ionosphere by the DEMETER Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7726-7739 | 2.6 | 3 |
| 36 | Nighttime Enhancements in the Midlatitude Ionosphere and Their Relation to the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7686-7696 | 2.6 | 16 |
| 35 | 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 | 4.6 | 6 |

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| 34 | Prompt GPS TEC response to magnetospheric compression. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 4357-4366 | 2.6 | 2 |
| 33 | Revisiting interminima solar EUV change using adjusted SOHO SEM data. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 3420-3429 | 2.6 | 4 |
| 32 | Changes of solar extreme ultraviolet spectrum in solar cycle 24. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 6844-6854 | 2.6 | 8 |
| 31 | 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 | 2.4 | 5 |
| 30 | 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 | 2.6 | 2 |
| 29 | 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 | 2 | 5 |
| 28 | 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 | 4.6 | |
| 27 | Variability of Schumann resonance parameters observed at low latitude stations in China. <i>Advances in Space Research</i> , 2015 , 56, 1389-1399 | 2.4 | 7 |
| 26 | Analysis of the ionospheric variability based on wavelet decomposition. <i>Science China Technological Sciences</i> , 2015 , 58, 174-180 | 3.5 | 3 |
| 25 | Ionospheric and geomagnetic disturbances caused by the 2008 Wenchuan earthquake: A revisit. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 5758-5777 | 2.6 | 20 |
| 24 | 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 | 1.4 | 9 |
| 23 | Quasi-16-day periodic meridional movement of the equatorial ionization anomaly. <i>Annales Geophysicae</i> , 2014 , 32, 121-131 | 2 | 17 |
| 22 | Weak ionization of the global ionosphere in solar cycle 24. <i>Annales Geophysicae</i> , 2014 , 32, 809-816 | 2 | 18 |
| 21 | 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 | 3.5 | 23 |
| 20 | Teleseismic magnetic effects (TMDs) of 2011 Tohoku earthquake. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 3914-3923 | 2.6 | 20 |
| 19 | Particle bursts in the inner radiation belt related to global lightning activity. <i>Science China Technological Sciences</i> , 2013 , 56, 2658-2667 | 3.5 | 5 |
| 18 | A brief of recent research progress on ionospheric disturbances. <i>Science China Information Sciences</i> , 2013 , 56, 1-9 | 3.4 | 0 |
| 17 | Statistical Studies on the Excess Peak Flux in Soft X-rays and EUV Bands from Solar Flares. <i>Solar Physics</i> , 2012 , 280, 183-196 | 2.6 | 3 |

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| 16 | A global model: Empirical orthogonal function analysis of total electron content 1999–2009 data. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a | | 34 |
| 15 | Multi-instrument observation on co-seismic ionospheric effects after great Tohoku earthquake. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a | | 22 |
| 14 | Case study of ionospheric fluctuation over mid-latitude region during one large magnetic storm. <i>Science China Technological Sciences</i> , 2012 , 55, 1198-1206 | 3.5 | 1 |
| 13 | Ionospheric absorption and planetary wave activity in East Asia sector. <i>Science China Technological Sciences</i> , 2012 , 55, 1264-1272 | 3.5 | 5 |
| 12 | Observational study of daytime ionospheric irregularities associated with typhoon. <i>Science China Technological Sciences</i> , 2012 , 55, 1302-1304 | 3.5 | 11 |
| 11 | Impact factor for the ionospheric total electron content response to solar flare irradiation. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a | | 36 |
| 10 | Case study of apparent longitudinal differences of spread F occurrence for two midlatitude stations. <i>Radio Science</i> , 2011 , 46, n/a-n/a | 1.4 | 9 |
| 9 | Investigation of electrons inside the satellite by the Geant4 simulation. <i>Science China Technological Sciences</i> , 2011 , 54, 2271-2275 | 3.5 | 4 |
| 8 | Modeling ionospheric f_oF_2 by using empirical orthogonal function analysis. <i>Annales Geophysicae</i> , 2011 , 29, 1501-1515 | 2 | 32 |
| 7 | Accuracy analysis of the GPS instrumental bias estimated from observations in middle and low latitudes. <i>Annales Geophysicae</i> , 2010 , 28, 1571-1580 | 2 | 43 |
| 6 | Solar cycle variation of the GPS cycle slip occurrence in China low-latitude region. <i>Space Weather</i> , 2010 , 8, n/a-n/a | 3.7 | 4 |
| 5 | Temporal dependence of GPS cycle slip related to ionospheric irregularities over China low-latitude region. <i>Space Weather</i> , 2010 , 8, n/a-n/a | 3.7 | 8 |
| 4 | Ultra low frequency waves impact on radiation belt energetic particles. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 3698-3708 | | 10 |
| 3 | The seasonal dependence of cycle slip occurrence of GPS data over China low latitude region. <i>Science in China Series D: Earth Sciences</i> , 2007 , 50, 422-429 | | 6 |
| 2 | Energetic particle radiations measured by particle detector on board CBERS-1 satellite. <i>Science Bulletin</i> , 2007 , 52, 665-670 | | 6 |
| 1 | Analysis of the observation of particle detector inside CBERS-1 satellite under solar quiet conditions. <i>Science in China Series D: Earth Sciences</i> , 2006 , 49, 342-357 | | 4 |