

Hui-Gen Yang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

401
citations

840585

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794469

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22
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docs citations

22
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous Observations of a Sporadic E Layer by Digisonde and SuperDARN HF Radars at Zhongshan, Antarctica. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
2	Evidence of Alfvén Waves Generated by Mode Coupling in the Magnetotail Lobe. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	6
3	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
4	The High-Latitude Dawn-Dusk Asymmetry of Ionospheric Plasma Distribution in the Northern Hemisphere. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	0
5	Modulation of Magnetosonic Waves by Background Plasma Density in a Dipole Magnetic Field: 2D PIC Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029729.	0.8	3
6	Observational Properties of 15MLT-PCA in the Southern Hemisphere and the Switching Effects of IMF B_y on 15MLT-PCA Occurrence. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	2
7	Prediction and variation of the auroral oval boundary based on a deep learning model and space physical parameters. <i>Nonlinear Processes in Geophysics</i> , 2020, 27, 11-22.	0.6	6
8	Multiple transpolar auroral arcs reveal insight about coupling processes in the Earth's magnetotail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16193-16198.	3.3	24
9	Direct Evidence for Throat Aurora Being the Ionospheric Signature of Magnetopause Transient and Reflecting Localized Magnetopause Indentations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 2658-2667.	0.8	27
10	Observational properties of dayside throat aurora and implications on the possible generation mechanisms. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1853-1870.	0.8	57
11	Variation and modeling of ultraviolet auroral oval boundaries associated with interplanetary and geomagnetic parameters. <i>Space Weather</i> , 2017, 15, 606-622.	1.3	15
12	Coordinated observations of two types of diffuse auroras near magnetic local noon by Magnetospheric Multiscale mission and ground all-sky camera. <i>Geophysical Research Letters</i> , 2017, 44, 8130-8139.	1.5	16
13	Throat aurora: The ionospheric signature of magnetosheath particles penetrating into the magnetosphere. <i>Geophysical Research Letters</i> , 2016, 43, 1819-1827.	1.5	47
14	An extensive survey of dayside diffuse aurora based on optical observations at Yellow River Station. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7447-7465.	0.8	49
15	Hemispheric asymmetry of the structure of dayside auroral oval. <i>Geophysical Research Letters</i> , 2014, 41, 8696-8703.	1.5	23
16	Statistical characteristics of ionospheric backscatter observed by SuperDARN Zhongshan radar in Antarctica. <i>Advances in Polar Science</i> , 2014, 24, 19-31.	0.3	8
17	The hemispheric conjugate observation of postnoon ϵ -bright spots/auroral spirals. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 1428-1434.	0.8	17
18	Polar cap patch segmentation of the tongue of ionization in the morning convection cell. <i>Geophysical Research Letters</i> , 2013, 40, 2918-2922.	1.5	56

#	ARTICLE	IF	CITATIONS
19	Dayside auroral emissions controlled by IMF: A survey for dayside auroral excitation at 557.7 and 630.0 nm in Ny-Ålesund, Svalbard. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	25
20	Spontaneous and trigger-associated substorms compared: Electrodynamic parameters in the polar ionosphere. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	7
21	Dynamic properties of a sporadic sodium layer revealed by observations over Zhongshan, Antarctica: A case study. <i>Journal of Geophysical Research: Space Physics</i> , 0, , .	0.8	7