Hui-Gen Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6780583/publications.pdf

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21	401	840585 11	794469 19
papers	citations	h-index	g-index

22	22	22	416
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observational properties of dayside throat aurora and implications on the possible generation mechanisms. Journal of Geophysical Research: Space Physics, 2017, 122, 1853-1870.	0.8	57
2	Polar cap patch segmentation of the tongue of ionization in the morning convection cell. Geophysical Research Letters, 2013, 40, 2918-2922.	1.5	56
3	An extensive survey of dayside diffuse aurora based on optical observations at Yellow River Station. Journal of Geophysical Research: Space Physics, 2015, 120, 7447-7465.	0.8	49
4	Throat aurora: The ionospheric signature of magnetosheath particles penetrating into the magnetosphere. Geophysical Research Letters, 2016, 43, 1819-1827.	1.5	47
5	Direct Evidence for Throat Aurora Being the Ionospheric Signature of Magnetopause Transient and Reflecting Localized Magnetopause Indentations. Journal of Geophysical Research: Space Physics, 2018, 123, 2658-2667.	0.8	27
6	Dayside auroral emissions controlled by IMF: A survey for dayside auroral excitation at 557.7 and 630.0 nm in Nyâ€Å…lesund, Svalbard. Journal of Geophysical Research, 2012, 117, .	3.3	25
7	Multiple transpolar auroral arcs reveal insight about coupling processes in the Earthâ€™s magnetotail. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16193-16198.	3.3	24
8	Hemispheric asymmetry of the structure of dayside auroral oval. Geophysical Research Letters, 2014, 41, 8696-8703.	1.5	23
9	The hemispheric conjugate observation of postnoon â€œbright spotsâ€auroral spirals. Journal of Geophysical Research: Space Physics, 2013, 118, 1428-1434.	0.8	17
10	Coordinated observations of two types of diffuse auroras near magnetic local noon by Magnetospheric Multiscale mission and ground allâ€sky camera. Geophysical Research Letters, 2017, 44, 8130-8139.	1.5	16
11	Variation and modeling of ultraviolet auroral oval boundaries associated with interplanetary and geomagnetic parameters. Space Weather, 2017, 15, 606-622.	1.3	15
12	Statistical characteristics of ionospheric backscatter observed by SuperDARN Zhongshan radar in Antarctica. Advances in Polar Science, 2014, 24, 19-31.	0.3	8
13	Spontaneous and trigger-associated substorms compared: Electrodynamic parameters in the polar ionosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	7
14	Dynamic properties of a sporadic sodium layer revealed by observations over Zhongshan, Antarctica: A case study. Journal of Geophysical Research: Space Physics, 0, , .	0.8	7
15	Prediction and variation of the auroral oval boundary based on a deep learning model and space physical parameters. Nonlinear Processes in Geophysics, 2020, 27, 11-22.	0.6	6
16	Evidence of AlfvÃ©n Waves Generated by Mode Coupling in the Magnetotail Lobe. Geophysical Research Letters, 2022, 49, .	1.5	6
17	Modulation of Magnetosonic Waves by Background Plasma Density in a Dipole Magnetic Field: 2â€Ð PIC Simulation. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029729.	0.8	3
18	Simultaneous Observations of a Sporadic E Layer by Digisonde and SuperDARN HF Radars at Zhongshan, Antarctica. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	2

#	Article	IF	Citations
19	Observational Properties of 15MLTâ€PCA in the Southern Hemisphere and the Switching Effects of IMF B_y on 15MLTâ€PCA Occurrence. Journal of Geophysical Research: Space Physics, 2021, 126, .	0.8	2
20	A Comparative Study on the Factors Controlling the Cusp Auroral Intensity Between the Northern and Southern Hemispheres. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	0
21	The Highâ€Latitude Dawnâ€Dusk Asymmetry of Ionospheric Plasma Distribution in the Northern Hemisphere. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	0