

S D Xiao

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Electron-scale Current Sheet as the Boundary of a Linear Magnetic Hole in the Terrestrial Current Sheet Observed by the Magnetospheric Multiscale Mission. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	5
2	The spectral scalings of magnetic fluctuations upstream and downstream of the Venusian bow shock. <i>Earth, Planets and Space</i> , 2021, 73, .	2.5	5
3	Field-Aligned Currents Originating From the Chaotic Motion of Electrons in the Tilted Current Sheet: MMS Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL088841.	4.0	7
4	Statistical Properties of Electron-scale Magnetic Peaks in the Solar Wind at 1 au. <i>Astrophysical Journal</i> , 2021, 921, 152.	4.5	4
5	Statistical Properties of Sub-ion Magnetic Holes in the Solar Wind at 1 AU. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028320.	2.4	18
6	Study of the Electron Velocity Inside Sub-ion-scale Magnetic Holes in the Solar Wind by MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028386.	2.4	15
7	Turbulence Near the Venusian Bow Shock: Venus Express Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027190.	2.4	8
8	Magnetic Fluctuations and Turbulence in the Venusian Magnetosheath Downstream of Different Types of Bow Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8219-8226.	2.4	11
9	Solar cycle variation of the venus magnetic barrier. <i>Planetary and Space Science</i> , 2018, 158, 53-62.	1.7	13
10	Characteristics of ionospheric flux rope at the terminator observed by Venus Express. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8858-8867.	2.4	7
11	Statistical study of low-frequency magnetic field fluctuations near Venus during the solar cycle. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8409-8418.	2.4	7
12	Occurrence rate of dipolarization fronts in the plasma sheet: Cluster observations. <i>Annales Geophysicae</i> , 2017, 35, 1015-1022.	1.6	6
13	A statistical study on the shape and position of the magnetotail neutral sheet. <i>Annales Geophysicae</i> , 2016, 34, 303-311.	1.6	22
14	Weak, Quiet Magnetic Fields Seen in the Venus Atmosphere. <i>Scientific Reports</i> , 2016, 6, 23537.	3.3	12
15	Hemispheric asymmetry in the near-Venusian magnetotail during solar maximum. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4542-4547.	2.4	8