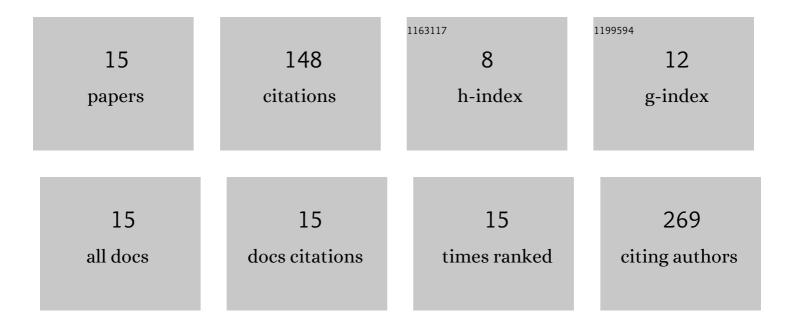
## S D Xiao

## List of Publications by Year in descending order

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SDXIAO

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