

# Shi-Chen Bai

## List of Publications by Year in descending order

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17  
papers

309  
citations

1040056

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888059

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17  
all docs

17  
docs citations

17  
times ranked

392  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of kinetic-size magnetic holes in the magnetosheath. Journal of Geophysical Research: Space Physics, 2017, 122, 1990-2000.	2.4	70
2	Dimensionality, Coordinate System and Reference Frame for Analysis of In-Situ Space Plasma and Field Data. Space Science Reviews, 2019, 215, 1.	8.1	46
3	Magnetospheric Multiscale Observations of Electron Scale Magnetic Peak. Geophysical Research Letters, 2018, 45, 527-537.	4.0	33
4	Propagation of small size magnetic holes in the magnetospheric plasma sheet. Journal of Geophysical Research: Space Physics, 2016, 121, 5510-5519.	2.4	30
5	MMS Study of the Structure of Ion-scale Flux Ropes in the Earth's Cross-Tail Current Sheet. Geophysical Research Letters, 2019, 46, 6168-6177.	4.0	30
6	Propagating and Dynamic Properties of Magnetic Dips in the Dayside Magnetosheath: MMS Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026736.	2.4	22
7	Ion-scale Flux Rope Observed inside a Hot Flow Anomaly. Geophysical Research Letters, 2020, 47, e2019GL085933.	4.0	13
8	Pc4 Poloidal ULF Wave Observed in the Dawnside Plasmaspheric Plume. Journal of Geophysical Research: Space Physics, 2019, 124, 9986-9998.	2.4	11
9	Propagation properties of foreshock cavitons: Cluster observations. Science China Technological Sciences, 2020, 63, 173-182.	4.0	10
10	Substructures within a dipolarization front revealed by high-temporal resolution Cluster observations. Journal of Geophysical Research: Space Physics, 2016, 121, 5185-5202.	2.4	9
11	Energetic Neutral Atom Distribution on the Lunar Surface and Its Relationship with Solar Wind Conditions. Astrophysical Journal Letters, 2021, 922, L41.	8.3	8
12	Spatial Distribution and Semiannual Variation of Cold-Dense Plasma Sheet. Journal of Geophysical Research: Space Physics, 2018, 123, 464-472.	2.4	7
13	Electron Dispersion and Parallel Electron Beam Observed Near the Separatrix. Journal of Geophysical Research: Space Physics, 2019, 124, 7494-7504.	2.4	5
14	Electron Pitch Angle Distributions in Compressional Pc5 Waves by THEMIS Observations. Geophysical Research Letters, 2021, 48, e2021GL095730.	4.0	5
15	Analytical model test of methods to find the geometry and velocity of magnetic structures. Science China Technological Sciences, 2019, 62, 1003-1014.	4.0	4
16	Vortex Generation and Auroral Response to a Solar Wind Dynamic Pressure Increase: Event Analyses. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028753.	2.4	4
17	Motion of classic and spontaneous hot flow anomalies observed by Cluster. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029418.	2.4	2