

# Xiaogang Wang

## List of Publications by Year in descending order

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14  
papers

313  
citations

1040056

9  
h-index

1058476

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g-index

14  
all docs

14  
docs citations

14  
times ranked

391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observations of kinetic-scale magnetic holes in the magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1990-2000.	2.4	70
2	Waves in Kinetic-Scale Magnetic Dips: MMS Observations in the Magnetosheath. <i>Geophysical Research Letters</i> , 2019, 46, 523-533.	4.0	49
3	Magnetospheric Multiscale Observations of Electron Scale Magnetic Peak. <i>Geophysical Research Letters</i> , 2018, 45, 527-537.	4.0	33
4	Electron Dynamics in Magnetosheath Mirror-Mode Structures. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5561-5570.	2.4	33
5	Propagation of small size magnetic holes in the magnetospheric plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5510-5519.	2.4	30
6	Electron Mirror-mode Structure: Magnetospheric Multiscale Observations. <i>Astrophysical Journal Letters</i> , 2019, 881, L31.	8.3	27
7	Kinetic-scale Flux Rope in the Magnetosheath Boundary Layer. <i>Astrophysical Journal</i> , 2020, 897, 137.	4.5	16
8	Formation of Macroscale Flux Transfer Events at Mercury. <i>Astrophysical Journal Letters</i> , 2020, 893, L18.	8.3	15
9	Electron Energization and Energy Dissipation in Microscale Electromagnetic Environments. <i>Astrophysical Journal Letters</i> , 2020, 899, L31.	8.3	10
10	Observations of the Beam-Driven Whistler Mode Waves in the Magnetic Reconnection Region at the Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028525.	2.4	8
11	Bifurcation and hysteresis of plasma edge transport in a flux-driven system. <i>Physical Review E</i> , 2016, 94, 043201.	2.1	6
12	Generation of banded chorus by a two-component energetic electron distribution in an inhomogeneous magnetic field. <i>Physics of Plasmas</i> , 2017, 24, 102901.	1.9	6
13	Electron Dispersion and Parallel Electron Beam Observed Near the Separatrix. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7494-7504.	2.4	5
14	Observation of a Large-Amplitude Slow Magnetosonic Wave in the Magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10200-10208.	2.4	5