

# Boyi Wang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

237  
citations

8  
h-index

15  
g-index

17  
ext. papers

303  
ext. citations

3.2  
avg. IF

2.93  
L-index

#	Paper	IF	Citations
14	Deflected propagation of a coronal mass ejection from the corona to interplanetary space. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 5117-5132	2.6	62
13	Dayside Magnetospheric and Ionospheric Responses to a Foreshock Transient on 25 June 2008: 2. 2-D Evolution Based on Dayside Auroral Imaging. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 6347-6359	2.6	32
12	Impacts of Magnetosheath High-Speed Jets on the Magnetosphere and Ionosphere Measured by Optical Imaging and Satellite Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 4879-4894	2.6	31
11	Dayside Magnetospheric and Ionospheric Responses to a Foreshock Transient on 25 June 2008: 1. FLR Observed by Satellite and Ground-Based Magnetometers. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 6335-6346	2.6	29
10	The 2-D Structure of Foreshock-Driven Field Line Resonances Observed by THEMIS Satellite and Ground-Based Imager Conjunctions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 6792-6811	2.6	16
9	Investigation of triggering of poleward moving auroral forms using satellite-imager coordinated observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 10,929	2.6	11
8	Analysis of close conjunctions between dayside polar cap airglow patches and flow channels by all-sky imager and DMSP. <i>Earth, Planets and Space</i> , <b>2016</b> , 68,	2.9	10
7	Global Propagation of Magnetospheric Pc5 ULF Waves Driven by Foreshock Transients. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028411	2.6	10
6	ARTEMIS Observations of Foreshock Transients in the Midtail Foreshock. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL090393	4.9	8
5	Energy Modulations of Magnetospheric Ions Induced by Foreshock Transient-Driven Ultralow-Frequency Waves. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL093913	4.9	8
4	Ionospheric Modulation by Storm Time Pc5 ULF Pulsations and the Structure Detected by PFISR-THEMIS Conjunction. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089060	4.9	6
3	Formation of Double Tongues of Ionization During the 17 March 2013 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 10619-10630	2.6	6
2	Importance of Regional-Scale Auroral Precipitation and Electrical Field Variability to the Storm-Time Thermospheric Temperature Enhancement and Inversion Layer (TTEIL) in the Antarctic E Region. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028224	2.6	3
1	3-D global hybrid simulations of magnetospheric response to foreshock processes. <i>Earth, Planets and Space</i> , <b>2021</b> , 73,	2.9	3