

# W Y Li

## List of Publications by Year in descending order

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41  
papers

1,005  
citations

394421

19  
h-index

434195

31  
g-index

47  
all docs

47  
docs citations

47  
times ranked

985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of whistler-mode chorus intensification on the nightside during an injection event observed on the THEMIS spacecraft. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	108
2	MMS Observation of Magnetic Reconnection in the Turbulent Magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,442.	2.4	73
3	Observations of kinetic-size magnetic holes in the magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1990-2000.	2.4	70
4	Electron jet of asymmetric reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 5571-5580.	4.0	66
5	Turbulent mass transfer caused by vortex induced reconnection in collisionless magnetospheric plasmas. <i>Nature Communications</i> , 2017, 8, 1582.	12.8	63
6	Kinetic evidence of magnetic reconnection due to Kelvin-Helmholtz waves. <i>Geophysical Research Letters</i> , 2016, 43, 5635-5643.	4.0	47
7	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. <i>Geophysical Research Letters</i> , 2016, 43, 6705-6712.	4.0	45
8	Properties of Kelvin-Helmholtz waves at the magnetopause under northward interplanetary magnetic field: Statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7485-7494.	2.4	43
9	Spatial distribution of Kelvin-Helmholtz instability at low-latitude boundary layer under different solar wind speed conditions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	37
10	Cold ion demagnetization near the X-line of magnetic reconnection. <i>Geophysical Research Letters</i> , 2016, 43, 6759-6767.	4.0	35
11	Signatures of complex magnetic topologies from multiple reconnection sites induced by Kelvin-Helmholtz instability. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9926-9939.	2.4	35
12	Mass and Energy Transfer Across the Earth's Magnetopause Caused by Vortex-Induced Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,505.	2.4	35
13	Electron Heating by Debye-Scale Turbulence in Guide-Field Reconnection. <i>Physical Review Letters</i> , 2020, 124, 045101.	7.8	31
14	Electron Bernstein waves driven by electron crescents near the electron diffusion region. <i>Nature Communications</i> , 2020, 11, 141.	12.8	26
15	Impacts of Ionospheric Ions on Magnetic Reconnection and Earth's Magnetosphere Dynamics. <i>Reviews of Geophysics</i> , 2021, 59, e2020RG000707.	23.0	26
16	Global features of Kelvin-Helmholtz waves at the magnetopause for northward interplanetary magnetic field. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5118-5126.	2.4	25
17	Energy budget and mechanisms of cold ion heating in asymmetric magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9396-9413.	2.4	24
18	Mass Loading the Earth's Dayside Magnetopause Boundary Layer and Its Effect on Magnetic Reconnection. <i>Geophysical Research Letters</i> , 2019, 46, 6204-6213.	4.0	21

#	ARTICLE	IF	CITATIONS
19	Cold Ionospheric Ions in the Magnetic Reconnection Outflow Region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,194.	2.4	19
20	Perpendicular Current Reduction Caused by Cold Ions of Ionospheric Origin in Magnetic Reconnection at the Magnetopause: Particle-in-Cell Simulations and Spacecraft Observations. <i>Geophysical Research Letters</i> , 2018, 45, 10,033.	4.0	17
21	Crescent-Shaped Electron Distributions at the Nonreconnecting Magnetopause: Magnetospheric Multiscale Observations. <i>Geophysical Research Letters</i> , 2019, 46, 3024-3032.	4.0	17
22	Electrostatic Spacecraft Potential Structure and Wake Formation Effects for Characterization of Cold Ion Beams in the Earth's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10048-10062.	2.4	17
23	High-density $O^{+}$ in Earth's outer magnetosphere and its effect on dayside magnetopause magnetic reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10257-10269.	2.4	14
24	Observations of Kelvin-Helmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3836-3847.	2.4	13
25	Upper-Hybrid Waves Driven by Meandering Electrons Around Magnetic Reconnection X Line. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093164.	4.0	13
26	Magnetic depression and electron transport in an ion-scale flux rope associated with Kelvin-Helmholtz waves. <i>Annales Geophysicae</i> , 2018, 36, 879-889.	1.6	12
27	Prolonged Kelvin-Helmholtz Waves at Dawn and Dusk Flank Magnetopause: Simultaneous Observations by MMS and THEMIS. <i>Astrophysical Journal</i> , 2019, 875, 57.	4.5	10
28	Statistical Characteristics in the Spectrum of Whistler Waves Near the Diffusion Region of Dayside Magnetopause Reconnection. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	9
29	Lower Hybrid Waves at the Magnetosheath Separatrix Region. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089880.	4.0	6
30	High-Frequency Waves Driven by Agyrotropic Electrons Near the Electron Diffusion Region. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087111.	4.0	6
31	Kinetic Interaction of Cold and Hot Protons With an Oblique EMIC Wave Near the Dayside Reconnecting Magnetopause. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092376.	4.0	6
32	MMS Observations of Multiscale Hall Physics in the Magnetotail. <i>Geophysical Research Letters</i> , 2019, 46, 10230-10239.	4.0	5
33	Electron Pitch Angle Distributions in Compressional Pc5 Waves by THEMIS-A Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095730.	4.0	5
34	Fine Structures of the Electron Current Sheet in Magnetotail Guide-Field Reconnection. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	5
35	Electron Mixing and Isotropization in the Exhaust of Asymmetric Magnetic Reconnection With a Guide Field. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087159.	4.0	4
36	Magnetospheric Multiscale Mission Observations of Lower-hybrid Drift Waves in Terrestrial Magnetotail Reconnection with Moderate Guide Field and Asymmetric Plasma Density. <i>Astrophysical Journal</i> , 2022, 933, 208.	4.5	4

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37	The Effects of Upperâ€Hybrid Waves on Energy Dissipation in the Electron Diffusion Region. Geophysical Research Letters, 2020, 47, e2020GL089778.	4.0	3
38	Effect of the Electric Field on the Agyrotropic Electron Distributions. Geophysical Research Letters, 2021, 48, e2020GL091437.	4.0	3
39	Secondary Magnetic Reconnection at Earthâ€™s Flank Magnetopause. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	3
40	Structure of Pc 5 Compressional Waves Observed in the Duskside Outer Magnetosphere: MMS Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	2
41	Solar wind â€magnetosphere coupling during radial interplanetary magnetic field conditions: simultaneous multiâ€point observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029506.	2.4	1