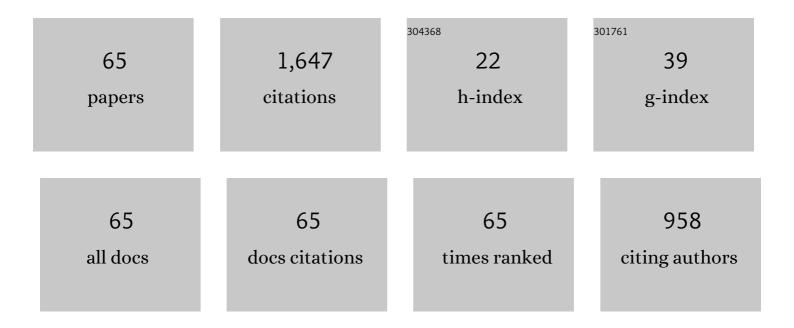
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	THEMIS observation of multiple dipolarization fronts and associated wave characteristics in the nearâ€Earth magnetotail. Geophysical Research Letters, 2009, 36, .	1.5	178
2	Observations and simulations of non-local acceleration of electrons in magnetotail magneticÂreconnectionÂevents. Nature Physics, 2011, 7, 360-365.	6.5	165
3	Wave and particle characteristics of earthward electron injections associated with dipolarization fronts. Journal of Geophysical Research, 2010, 115, .	3.3	118
4	Observations of an Electron Diffusion Region in Symmetric Reconnection with Weak Guide Field. Astrophysical Journal, 2019, 870, 34.	1.6	79
5	Coalescence of Macroscopic Flux Ropes at the Subsolar Magnetopause: Magnetospheric Multiscale Observations. Physical Review Letters, 2017, 119, 055101.	2.9	72
6	Cluster observations of kinetic structures and electron acceleration within a dynamic plasma bubble. Journal of Geophysical Research: Space Physics, 2013, 118, 674-684.	0.8	66
7	Current disruption during November 24, 1996, substorm. Journal of Geophysical Research, 2001, 106, 6229-6245.	3.3	56
8	On the origin of the crescentâ€shaped distributions observed by MMS at the magnetopause. Journal of Geophysical Research: Space Physics, 2017, 122, 2024-2039.	0.8	43
9	Adiabatic acceleration of suprathermal electrons associated with dipolarization fronts. Journal of Geophysical Research, 2012, 117, .	3.3	42
10	Substorm evolution as revealed by THEMIS satellites and a global MHD simulation. Journal of Geophysical Research, 2009, 114, .	3.3	41
11	Ion sources and acceleration mechanisms inferred from local distribution functions. Geophysical Research Letters, 1997, 24, 955-958.	1.5	38
12	A new convection state at substorm onset: Results from an MHD study. Geophysical Research Letters, 2002, 29, 26-1-26-4.	1.5	37
13	Suprathermal Electron Acceleration in a Reconnecting Magnetotail: Large cale Kinetic Simulation. Journal of Geophysical Research: Space Physics, 2018, 123, 8087-8108.	0.8	34
14	Localized reconnection and substorm onset on Dec. 22, 1996. Geophysical Research Letters, 1999, 26, 3545-3548.	1.5	33
15	Dipolarization and turbulence in the plasma sheet during a substorm: THEMIS observations and global MHD simulations. Journal of Geophysical Research: Space Physics, 2013, 118, 7752-7761.	0.8	32
16	Observation of highâ€frequency electrostatic waves in the vicinity of the reconnection ion diffusion region by the spacecraft of the Magnetospheric Multiscale (MMS) mission. Geophysical Research Letters, 2016, 43, 4808-4815.	1.5	32
17	Magnetospheric Multiscale Observations of an Ion Diffusion Region With Large Guide Field at the Magnetopause: Current System, Electron Heating, and Plasma Waves. Journal of Geophysical Research: Space Physics, 2018, 123, 1834-1852.	0.8	32
18	Multiscale study of electron energization during unsteady reconnection events. Journal of Geophysical Research: Space Physics, 2015, 120, 4784-4799.	0.8	29

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19	Global magnetohydrodynamic simulation of reconnection and turbulence in the plasma sheet. Journal of Geophysical Research, 2010, 115, .	3.3	25
20	A stochastic sea: The source of plasma sheet boundary layer ion structures observed by Cluster. Journal of Geophysical Research, 2005, 110, .	3.3	24
21	Dynamics of ionospheric O+ions in the magnetosphere during the 24–25 September 1998 magnetic storm. Journal of Geophysical Research, 2006, 111, .	3.3	23
22	Oxygen acceleration in magnetotail reconnection. Journal of Geophysical Research: Space Physics, 2017, 122, 618-639.	0.8	23
23	Electron energization and transport in the magnetotail during substorms. Journal of Geophysical Research: Space Physics, 2014, 119, 1060-1079.	0.8	21
24	Magnetospheric convection during prolonged intervals with southward interplanetary magnetic field. Journal of Geophysical Research, 2006, 111, .	3.3	20
25	Turbulence in a global magnetohydrodynamic simulation of the Earth's magnetosphere during northward and southward interplanetary magnetic field. Nonlinear Processes in Geophysics, 2012, 19, 165-175.	0.6	19
26	Source distributions of substorm ions observed in the near-Earth magnetotail. Geophysical Research Letters, 1999, 26, 955-958.	1.5	18
27	Bifurcated current sheets: Statistics from Cluster magnetometer measurements. Journal of Geophysical Research, 2006, 111, .	3.3	18
28	The ion population of the magnetotail during the 17 April 2002 magnetic storm: Large-scale kinetic simulations and IMAGE/HENA observations. Journal of Geophysical Research, 2011, 116, .	3.3	18
29	The stormâ€ŧime access of solar wind ions to the nightside ring current and plasma sheet. Journal of Geophysical Research, 2008, 113, .	3.3	17
30	A simulation study of particle energization observed by THEMIS spacecraft during a substorm. Journal of Geophysical Research, 2009, 114, .	3.3	17
31	Interplanetary magnetic field control of the entry of solar energetic particles into the magnetosphere. Journal of Geophysical Research, 2002, 107, SSH 7-1-SSH 7-20.	3.3	15
32	lon energization and transport associated with magnetic dipolarizations. Geophysical Research Letters, 2014, 41, 5717-5726.	1.5	15
33	A multiscale study of ion heating in Earth's magnetotail. Geophysical Research Letters, 2016, 43, 515-524.	1.5	15
34	Configuration of the Earth's Magnetotail Current Sheet. Geophysical Research Letters, 2021, 48, e2020GL092153.	1.5	14
35	Multiscale MHDâ€Kinetic PIC Study of Energy Fluxes Caused by Reconnection. Journal of Geophysical Research: Space Physics, 2020, 125, no.	0.8	13
36	Anisotropy of the Taylor scale and the correlation scale in plasma sheet magnetic field fluctuations as a function of auroral electrojet activity. Journal of Geophysical Research, 2010, 115, .	3.3	12

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37	Forces driving fast flow channels, dipolarizations, and turbulence in the magnetotail. Journal of Geophysical Research: Space Physics, 2016, 121, 11,063.	0.8	12
38	Identifying the electron diffusion region in a realistic simulation of Earth's magnetotail. Geophysical Research Letters, 2016, 43, 6005-6011.	1.5	12
39	On the importance of accurate solar wind measurements for studying magnetospheric dynamics. Journal of Geophysical Research, 2008, 113, .	3.3	11
40	Observations and simulations of a highly structured plasma sheet during northward IMF. Journal of Geophysical Research, 2010, 115, .	3.3	11
41	Turbulent Energization of Electron Power Law Tails during Magnetic Reconnection. Physical Review Letters, 2020, 125, 225101.	2.9	11
42	Propagation of Pi2 pulsations through the braking region in global MHD simulations. Journal of Geophysical Research: Space Physics, 2015, 120, 10,574.	0.8	10
43	Low Mach number bow shock locations during a magnetic cloud event: Observations and magnetohydrodynamic simulations. Geophysical Research Letters, 2004, 31, .	1.5	9
44	Modeling the entry and trapping of solar energetic particles in the magnetosphere during the November 24–25, 2001 storm. Journal of Geophysical Research, 2009, 114, .	3.3	9
45	Magnetotail Structure and its Internal Particle Dynamics During Northward IMF. Geophysical Monograph Series, 0, , 77-95.	0.1	9
46	Embedding particle-in-cell simulations in globalÂmagnetohydrodynamic simulations of theÂmagnetosphere. Journal of Plasma Physics, 2019, 85, .	0.7	9
47	Simulated stormtime ring-current magnetic field produced by ions and electrons. Geophysical Monograph Series, 2005, , 237-250.	0.1	8
48	Direct auroral precipitation from the magnetotail during substorms. Geophysical Research Letters, 2013, 40, 3787-3792.	1.5	8
49	Modeling substorm ion injection observed by the THEMIS and LANL spacecraft in the near-Earth magnetotail. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	7
50	Determination of Particle Sources for a Geotail Distribution Function Observed on May 23, 1995. Geophysical Monograph Series, 2013, , 297-312.	0.1	7
51	The Relation of Nâ€S Auroral Streamers to Auroral Expansion. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027063.	0.8	7
52	Modeling Extreme Compression of the Magnetosphere: Results from a Global MHD Simulation of the May 4, 1998 Event. Geophysical Monograph Series, 2013, , 241-248.	0.1	6
53	Generation of Pi2 pulsations by intermittent earthward propagating dipolarization fronts: An MHD case study. Journal of Geophysical Research: Space Physics, 2013, 118, 6364-6377.	0.8	5
54	An MHD simulation study of the dynamics of the 8–9 March 2008 CIRâ€∤HSSâ€driven geomagnetic storm. Journal of Geophysical Research: Space Physics, 2014, 119, 2990-3001.	0.8	5

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55	Contrasting electron acceleration processes during two substorms. Journal of Geophysical Research: Space Physics, 2014, 119, 5382-5400.	0.8	5
56	Mission Oriented Support and Theory (MOST) for MMS—the Goddard Space Flight Center/University of California Los Angeles Interdisciplinary Science Program. Space Science Reviews, 2016, 199, 689-719.	3.7	5
57	Structure and Dynamics of Threeâ€Dimensional Magnetotail Reconnection. Journal of Geophysical Research: Space Physics, 2018, 123, 8241-8260.	0.8	5
58	Characteristics of Reconnection Sites and Fast Flow Channels in an MHD Simulation. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027701.	0.8	5
59	Modeling Magnetotail Ion Distributions with Global Magnetohydrodynamic and Ion Trajectory Calculations. Geophysical Monograph Series, 2013, , 291-296.	0.1	4
60	Magnetohydrodynamic Turbulence in the Earth's Magnetotail From Observations and Global MHD Simulations. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	4
61	Do We Need to Consider Electrons' Kinetic Effects to Properly Model a Planetary Magnetosphere: The Case of Mercury. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
62	Ion dynamics associated with substorm dipolarization fronts. Science China Earth Sciences, 2014, 57, 2543-2551.	2.3	3
63	Loading experimental velocity distributions into particle-in-cell simulations of space and fusion plasmas. Journal of Plasma Physics, 2006, 72, 949.	0.7	2
64	The effect of solar wind structures on the storm-time magnetosphere. Proceedings of the International Astronomical Union, 2006, 2, 283.	0.0	0
65	The acceleration of electrons in the magnetotail and their auroral signatures. , 2011, , .		Ο