

Q-G Zong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5465467/publications.pdf>

Version: 2024-02-01

428
papers

9,401
citations

43973

48
h-index

91712

69
g-index

454
all docs

454
docs citations

454
times ranked

3099
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetic electron response to ULF waves induced by interplanetary shocks in the outer radiation belt. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	266
2	Ultralow frequency modulation of energetic particles in the dayside magnetosphere. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	163
3	First results from the RAPID imaging energetic particle spectrometer on board Cluster. <i>Annales Geophysicae</i> , 2001, 19, 1355-1366.	0.6	135
4	Dimensional analysis of observed structures using multipoint magnetic field measurements: Application to Cluster. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	133
5	Cluster observations of earthward flowing plasmoid in the tail. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	128
6	The interaction of ultra-low-frequency pc3-5 waves with charged particles in Earth's magnetosphere. <i>Reviews of Modern Plasma Physics</i> , 2017, 1, 1.	2.2	121
7	Correlation between the inner edge of outer radiation belt electrons and the innermost plasmopause location. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	119
8	In situ evidence for the structure of the magnetic null in a 3D reconnection event in the Earth's magnetotail. <i>Nature Physics</i> , 2006, 2, 478-483.	6.5	114
9	Whistler-mode waves inside flux pileup region: Structured or unstructured?. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9089-9100.	0.8	112
10	Motion of observed structures calculated from multi-point magnetic field measurements: Application to Cluster. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	109
11	Spontaneous hot flow anomalies at quasi-parallel shocks: 1. Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3357-3363.	0.8	92
12	EVIDENCE OF LANDAU AND CYCLOTRON RESONANCE BETWEEN PROTONS AND KINETIC WAVES IN SOLAR WIND TURBULENCE. <i>Astrophysical Journal Letters</i> , 2015, 800, L31.	3.0	87
13	Fast acceleration of inner magnetospheric hydrogen and oxygen ions by shock induced ULF waves. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	85
14	ULF waves excited by negative/positive solar wind dynamic pressure impulses at geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	83
15	Geotail observations of energetic ion species and magnetic field in plasmoid-like structures in the course of an isolated substorm event. <i>Journal of Geophysical Research</i> , 1997, 102, 11409-11428.	3.3	78
16	Time History of Events and Macroscale Interactions during Substorms observations of a series of hot flow anomaly events. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	75
17	Mechanism of substorm current wedge formation: THEMIS observations. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	75
18	Poloidal ULF wave observed in the plasmasphere boundary layer. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4298-4307.	0.8	74

#	ARTICLE	IF	CITATIONS
19	Interactions between magnetosonic waves and radiation belt electrons: Comparisons of quasi-linear calculations with test particle simulations. <i>Geophysical Research Letters</i> , 2014, 41, 4828-4834.	1.5	73
20	Ultra-low-frequency wave-driven diffusion of radiation belt relativistic electrons. <i>Nature Communications</i> , 2015, 6, 10096.	5.8	71
21	Observations of kinetic-size magnetic holes in the magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1990-2000.	0.8	70
22	Solar wind entry into the high-latitude terrestrial magnetosphere during geomagnetically quiet times. <i>Nature Communications</i> , 2013, 4, 1466.	5.8	68
23	Geomagnetic activity triggered by interplanetary shocks. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	66
24	Cluster and TC-1 observation of magnetic holes in the plasma sheet. <i>Annales Geophysicae</i> , 2012, 30, 583-595.	0.6	64
25	Inferring of flux rope orientation with the minimum variance analysis technique. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	63
26	MHD drift ballooning instability near the inner edge of the near-Earth plasma sheet and its application to substorm onset. <i>Journal of Geophysical Research</i> , 1997, 102, 14397-14406.	3.3	62
27	Satellite observations of separator-line geometry of three-dimensional magnetic reconnection. <i>Nature Physics</i> , 2007, 3, 609-613.	6.5	62
28	Current structures associated with dipolarization fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6980-6985.	0.8	61
29	Solar wind pressure pulse-driven magnetospheric vortices and their global consequences. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4274-4280.	0.8	61
30	Global view of dayside magnetic reconnection with the dusk-dawn IMF orientation: A statistical study for Double Star and Cluster data. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	60
31	Thin current sheet in the substorm late growth phase: Modeling of THEMIS observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	60
32	THEMIS observations of ULF wave excitation in the nightside plasma sheet during sudden impulse events. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 284-298.	0.8	59
33	Characteristics of middle-to low-latitude Pi2 excited by bursty bulk flows. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	58
34	Cluster observations of simultaneous resonant interactions of ULF waves with energetic electrons and thermal ion species in the inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	58
35	Interactions of energetic electrons with ULF waves triggered by interplanetary shock: Van Allen Probes observations in the magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8262-8273.	0.8	57
36	Oxygen escape from the Earth during geomagnetic reversals: Implications to mass extinction. <i>Earth and Planetary Science Letters</i> , 2014, 394, 94-98.	1.8	56

#	ARTICLE	IF	CITATIONS
37	Ring current oxygen ions escaping into the magnetosheath. Journal of Geophysical Research, 2001, 106, 25541-25556.	3.3	55
38	Charged particle behavior in the growth and damping stages of ultralow frequency waves: Theory and Van Allen Probes observations. Journal of Geophysical Research: Space Physics, 2016, 121, 3254-3263.	0.8	55
39	Spatial distribution of Mercury's flux ropes and reconnection fronts: MESSENGER observations. Journal of Geophysical Research: Space Physics, 2016, 121, 7590-7607.	0.8	55
40	Three-dimensional lunar wake reconstructed from ARTEMIS data. Journal of Geophysical Research: Space Physics, 2014, 119, 5220-5243.	0.8	54
41	Ballooning instability in the presence of a plasma flow: A synthesis of tail reconnection and current disruption models for the initiation of substorms. Journal of Geophysical Research, 1999, 104, 10235-10248.	3.3	53
42	Field-aligned currents associated with dipolarization fronts. Geophysical Research Letters, 2013, 40, 4503-4508.	1.5	53
43	Relativistic electron dynamics produced by azimuthally localized poloidal mode ULF waves: Boomerang-shaped pitch angle evolutions. Geophysical Research Letters, 2017, 44, 7618-7627.	1.5	53
44	Initial results of high-latitude magnetopause and low-latitude flank flux transfer events from 3 years of Cluster observations. Journal of Geophysical Research, 2005, 110, .	3.3	52
45	Ion composition variations in the inner magnetosphere: Individual and collective storm effects in 1991. Journal of Geophysical Research, 2001, 106, 29683-29704.	3.3	50
46	Seasonal and diurnal variation of geomagnetic activity: Russell-McPherron effect during different IMF polarity and/or extreme solar wind conditions. Journal of Geophysical Research, 2012, 117, .	3.3	50
47	MESSENGER observations of magnetospheric substorm activity in Mercury's near magnetotail. Geophysical Research Letters, 2015, 42, 3692-3699.	1.5	50
48	Statistical study of the storm time radiation belt evolution during Van Allen Probes era: CME-driven versus CIR-driven storms. Journal of Geophysical Research: Space Physics, 2017, 122, 8327-8339.	0.8	50
49	SIGNATURES OF MAGNETIC RECONNECTION AT BOUNDARIES OF INTERPLANETARY SMALL-SCALE MAGNETIC FLUX ROPES. Astrophysical Journal, 2010, 720, 454-464.	1.6	49
50	Waves in Kinetic-Scale Magnetic Dips: MMS Observations in the Magnetosheath. Geophysical Research Letters, 2019, 46, 523-533.	1.5	49
51	Dipolarization fronts and associated auroral activities: 2. Acceleration of ions and their subsequent behavior. Journal of Geophysical Research, 2012, 117, .	3.3	48
52	Three-dimensional magnetic flux rope structure formed by multiple sequential X-line reconnection at the magnetopause. Journal of Geophysical Research: Space Physics, 2013, 118, 1904-1911.	0.8	48
53	Global-Scale ULF Waves Associated With SSC Accelerate Magnetospheric Ultrarelativistic Electrons. Journal of Geophysical Research: Space Physics, 2019, 124, 1525-1538.	0.8	48
54	Introduction to special section on the China Seismo-Electromagnetic Satellite and initial results. Earth and Planetary Physics, 2018, 2, 439-443.	0.4	48

#	ARTICLE	IF	CITATIONS
55	Coordinated Cluster/Double Star observations of dayside reconnection signatures. <i>Annales Geophysicae</i> , 2005, 23, 2867-2875.	0.6	47
56	Spatial structures of magnetic depression in the Earth's high-altitude cusp: Cluster multipoint observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	47
57	Pitch-angle distribution evolution of energetic electrons in the inner radiation belt and slot region during the 2003 Halloween storm. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	47
58	Control of ULF Wave Accessibility to the Inner Magnetosphere by the Convection of Plasma Density. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1086-1099.	0.8	47
59	Energetic oxygen ion bursts in the distant magnetotail as a product of intense substorms: Three case studies. <i>Journal of Geophysical Research</i> , 1998, 103, 20339-20363.	3.3	46
60	Dimensionality, Coordinate System and Reference Frame for Analysis of In-Situ Space Plasma and Field Data. <i>Space Science Reviews</i> , 2019, 215, 1.	3.7	46
61	Tailward flowing energetic oxygen ion bursts associated with multiple flux ropes in the distant magnetotail: GEOTail observations. <i>Geophysical Research Letters</i> , 1995, 22, 3267-3270.	1.5	44
62	THEMIS observations of substorms on 26 February 2008 initiated by magnetotail reconnection. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
63	A Cluster measurement of fast magnetic reconnection in the magnetotail. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	42
64	The plasma sheet and boundary layers under northward IMF: A multi-point and multi-instrument perspective. <i>Advances in Space Research</i> , 2008, 41, 1619-1629.	1.2	42
65	The role of ULF waves interacting with oxygen ions at the outer ring current during storm times. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	41
66	Enhanced atmospheric oxygen outflow on Earth and Mars driven by a corotating interaction region. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	40
67	Imprints of impulse-excited hydromagnetic waves on electrons in the Van Allen radiation belts. <i>Geophysical Research Letters</i> , 2015, 42, 6199-6204.	1.5	40
68	Charged particle behavior in localized ultralow frequency waves: Theory and observations. <i>Geophysical Research Letters</i> , 2017, 44, 5900-5908.	1.5	40
69	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> , 2018, 123, 6335-6346.	0.8	40
70	Recent progress on ULF wave and its interactions with energetic particles in the inner magnetosphere. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1620-1625.	0.9	39
71	A statistical study of plasmaspheric plumes and ionospheric outflows observed at the dayside magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 492-506.	0.8	39
72	Cluster observations of the entry layer equatorward of the cusp under northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38

#	ARTICLE	IF	CITATIONS
73	Relativistic electron fluxes dropout in the outer radiation belt under different solar wind conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 7545-7556.	0.8	38
74	Cluster-C1 observations on the geometrical structure of linear magnetic holes in the solar wind at 1 AU. <i>Annales Geophysicae</i> , 2010, 28, 1695-1702.	0.6	37
75	Quantifying the relative contributions of substorm injections and chorus waves to the rapid outward extension of electron radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 10,023.	0.8	37
76	Composition signatures in ion injections and its dependence on geomagnetic conditions. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 14-1.	3.3	36
77	Triple cusps observed by Cluster-Temporal or spatial effect?. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	35
78	MMS observations of electron scale magnetic cavity embedded in proton scale magnetic cavity. <i>Nature Communications</i> , 2019, 10, 1040.	5.8	35
79	Plasmapause surface wave oscillates the magnetosphere and diffuse aurora. <i>Nature Communications</i> , 2020, 11, 1668.	5.8	35
80	Dayside Transient Phenomena and Their Impact on the Magnetosphere and Ionosphere. <i>Space Science Reviews</i> , 2022, 218, .	3.7	35
81	Modeling a force-free flux transfer event probed by multiple Time History of Events and Macroscale Interactions during Substorms (THEMIS) spacecraft. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	34
82	Rapid enhancement of low-energy (<math><100\text{ eV}</math>) ion flux in response to interplanetary shocks based on two Van Allen Probes case studies: Implications for source regions and heating mechanisms. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6430-6443.	0.8	34
83	Earth's ion upflow associated with polar cap patches: Global and in situ observations. <i>Geophysical Research Letters</i> , 2016, 43, 1845-1853.	1.5	34
84	Interaction of ULF waves with different ion species: Pitch angle and phase space density implications. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9459-9472.	0.8	34
85	Electron trapping around a magnetic null. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	33
86	Inner magnetosphere plasma characteristics in response to interplanetary shock impacts. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	33
87	Electric fields associated with dipolarization fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 5272-5278.	0.8	33
88	Global ULF waves generated by a hot flow anomaly. <i>Geophysical Research Letters</i> , 2017, 44, 5283-5291.	1.5	33
89	Magnetospheric Multiscale Observations of Electron Scale Magnetic Peak. <i>Geophysical Research Letters</i> , 2018, 45, 527-537.	1.5	33
90	Electron Dynamics in Magnetosheath Mirror-Mode Structures. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5561-5570.	0.8	33

#	ARTICLE	IF	CITATIONS
91	New properties of energy-dispersed ions in the plasma sheet boundary layer observed by Cluster. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	32
92	Double Star TC-1 observations of component reconnection at the dayside magnetopause: a preliminary study. <i>Annales Geophysicae</i> , 2005, 23, 2889-2895.	0.6	32
93	Quantitative aspects of variations of 1.5–6.0 MeV electrons in the outer radiation belt during magnetic storms. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	32
94	On the generation of magnetic dips ahead of advancing dipolarization fronts. <i>Geophysical Research Letters</i> , 2015, 42, 4256-4262.	1.5	32
95	Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	32
96	TC-1 observations of flux pileup and dipolarization-associated expansion in the near-Earth magnetotail during substorms. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	30
97	Plasma and energetic particle behaviors during asymmetric magnetic reconnection at the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1658-1672.	0.8	30
98	Propagation of small size magnetic holes in the magnetospheric plasma sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5510-5519.	0.8	30
99	Bursty energetic electrons confined in flux ropes in the cusp region. <i>Planetary and Space Science</i> , 2003, 51, 821-830.	0.9	29
100	Energetic Electrons as a Field Line Topology Tracer in the High Latitude Boundary/CUSP Region: Cluster Rapid Observations. <i>Surveys in Geophysics</i> , 2005, 26, 215-240.	2.1	29
101	Stagnant exterior cusp region as viewed by energetic electrons and ions: A statistical study using Cluster Research with Adaptive Particle Imaging Detectors (RAPID) data. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	29
102	The relations between magnetospheric chorus and hiss inside and outside the plasmasphere boundary layer: Cluster observation. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	29
103	Determining the mechanism of cusp proton aurora. <i>Scientific Reports</i> , 2013, 3, 1654.	1.6	29
104	Short-term variations of the inner radiation belt in the South Atlantic anomaly. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4475-4486.	0.8	29
105	Three-dimensional energetic ion sounding of the magnetopause using Cluster/RAPID. <i>Geophysical Research Letters</i> , 2002, 29, 61-1-61-4.	1.5	28
106	Multiple Flux Rope Events at the High-Latitude Magnetopause: Cluster/Rapid Observation on 26 January, 2001. <i>Surveys in Geophysics</i> , 2005, 26, 193-214.	2.1	28
107	A magnetic null geometry reconstructed from Cluster spacecraft observations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	28
108	Solar wind parameters and geomagnetic indices for four different interplanetary shock/ICME structures. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	28

#	ARTICLE	IF	CITATIONS
109	The role of electrons during chorus intensification: Energy source and energy loss. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 80, 37-47.	0.6	28
110	Low-Energy (<200 eV) Electron Acceleration by ULF Waves in the Plasmaspheric Boundary Layer: Van Allen Probes Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9969-9982.	0.8	28
111	Earthward flowing plasmoid: Structure and its related ionospheric signature. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	27
112	QUIET-TIME SUPRATHERMAL (~ 0.1 – 1.5 keV) ELECTRONS IN THE SOLAR WIND. <i>Astrophysical Journal</i> , 2016, 820, 22.	1.6	27
113	MESSENGER observations of the energization and heating of protons in the near-Mercury magnetotail. <i>Geophysical Research Letters</i> , 2017, 44, 8149-8158.	1.5	27
114	THEMIS satellite observations of hot flow anomalies at Earth's bow shock. <i>Annales Geophysicae</i> , 2017, 35, 443-451.	0.6	27
115	Electron Mirror-mode Structure: Magnetospheric Multiscale Observations. <i>Astrophysical Journal Letters</i> , 2019, 881, L31.	3.0	27
116	Temporal and Spatial Variation of the Ion Composition in the Ring Current. <i>Space Science Reviews</i> , 2001, 95, 539-554.	3.7	26
117	Dayside ionospheric response to the intense interplanetary shocks—solar wind discontinuities: Observations from the digisonde global ionospheric radio observatory. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	26
118	Pitch angle evolutions of oxygen ions driven by storm time ULF poloidal standing waves. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	26
119	Generation of proton aurora by magnetosonic waves. <i>Scientific Reports</i> , 2014, 4, 5190.	1.6	26
120	The interaction between ULF waves and thermal plasma ions at the plasmaspheric boundary layer during substorm activity. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1133-1143.	0.8	26
121	Plasmoid in the high latitude boundary/cusp region observed by Cluster. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	25
122	Dynamic motion of the bow shock and the magnetopause observed by THEMIS spacecraft. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	25
123	Two-dimensional correlation functions for density and magnetic field fluctuations in magnetosheath turbulence measured by the Cluster spacecraft. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
124	The transition to overshielding after sharp and gradual interplanetary magnetic field northward turning. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
125	Hot flow anomaly formation and evolution: Cluster observations. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4360-4380.	0.8	25
126	The double-belt outer radiation belt during CME- and CIR-driven geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6291-6301.	0.8	25

#	ARTICLE	IF	CITATIONS
127	Magnetospheric ULF waves with increasing amplitude related to solar wind dynamic pressure changes: The Time History of Events and Macroscale Interactions during Substorms (THEMIS) observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7179-7190.	0.8	25
128	Electron dropout echoes induced by interplanetary shock: Van Allen Probes observations. <i>Geophysical Research Letters</i> , 2016, 43, 5597-5605.	1.5	24
129	Polar cap patch transportation beyond the classic scenario. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9063-9074.	0.8	24
130	Multiple transpolar auroral arcs reveal insight about coupling processes in the Earth's magnetotail. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16193-16198.	3.3	24
131	Layered structure of energetic oxygen ions in the dayside magnetosheath. <i>Geophysical Research Letters</i> , 1998, 25, 4121-4124.	1.5	23
132	Response of the magnetic field and plasmas at the geosynchronous orbit to interplanetary shock. <i>Science Bulletin</i> , 2009, 54, 4241-4252.	1.7	23
133	Detection of $m/q = 2$ pickup ions in the plasma environment of the Moon: The trace of exospheric H^{2+} . <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	23
134	Separator reconnection with antiparallel/component features observed in magnetotail plasmas. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6116-6126.	0.8	23
135	The Modulation of Plasma and Waves by Background Electron Density Irregularities in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088855.	1.5	23
136	Flux Transfer Event Showers at Mercury: Dependence on Plasma β^2 and Magnetic Shear and Their Contribution to the Dungey Cycle. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089784.	1.5	23
137	Geometry of the high-latitude magnetopause as observed by Cluster. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	22
138	Internal structure of a magnetic flux rope from Cluster observations. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	22
139	Phase structure of Pc3 waves observed by Cluster and ground stations near the cusp. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	22
140	Fast acceleration of δ -electrons and energetic ions by interplanetary shock stimulated ULF waves in the inner magnetosphere. <i>Science Bulletin</i> , 2011, 56, 1188-1201.	1.7	22
141	Observations of Ionospheric Electron Beams in the Plasma Sheet. <i>Physical Review Letters</i> , 2012, 109, 205001.	2.9	22
142	Generation and properties of in vivo flux transfer events. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22
143	Modeling radiation belt electron acceleration by ULF fast mode waves, launched by solar wind dynamic pressure fluctuations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8916-8928.	0.8	22
144	Phase relationship between ULF waves and drift-bounce resonant ions: A statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7087-7096.	0.8	22

#	ARTICLE	IF	CITATIONS
145	Plasma Sheet Pressure Variations in the Near-Earth Magnetotail During Substorm Growth Phase: THEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,212.	0.8	22
146	ULF Waves Modulating and Acting as Mass Spectrometer for Dayside Ionospheric Outflow Ions. <i>Geophysical Research Letters</i> , 2019, 46, 8633-8642.	1.5	22
147	Propagating and Dynamic Properties of Magnetic Dips in the Dayside Magnetosheath: MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026736.	0.8	22
148	Multiple Triangulation Analysis: another approach to determine the orientation of magnetic flux ropes. <i>Annales Geophysicae</i> , 2006, 24, 1759-1765.	0.6	21
149	Multispacecraft and ground-based observations of substorm timing and activations: Two case studies. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	21
150	Magnetic flux rope formation within a magnetosheath hot flow anomaly. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	21
151	Magnetospheric vortices and their global effect after a solar wind dynamic pressure decrease. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1071-1077.	0.8	21
152	Poloidal Mode Wave-Particle Interactions Inferred From Van Allen Probes and CARISMA Ground-Based Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4652-4667.	0.8	21
153	A Comparative Study of ULF Waves' Role in the Dynamics of Charged Particles in the Plasmasphere: Van Allen Probes Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5334-5343.	0.8	21
154	Cold Plasmaspheric Electrons Affected by ULF Waves in the Inner Magnetosphere: A Van Allen Probes Statistical Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7954-7965.	0.8	21
155	First Topology of Electron-Scale Magnetic Hole. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088374.	1.5	21
156	Ion distributions near the reconnection sites: Comparison between simulations and THEMIS observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	20
157	Cluster observations of hot flow anomalies with large flow deflections: 1. Velocity deflections. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 732-743.	0.8	20
158	Contribution of ion reflection to the energy budgets of dipolarization fronts. <i>Geophysical Research Letters</i> , 2016, 43, 493-500.	1.5	20
159	Nonlinear Drift Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. <i>Geophysical Research Letters</i> , 2018, 45, 8773-8782.	1.5	20
160	Pitch Angle Structures of Ring Current Ions Induced by Evolving Poloidal Ultra-Low Frequency Waves. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087203.	1.5	20
161	The Formation of Saturn's and Jupiter's Electron Radiation Belts by Magnetospheric Electric Fields. <i>Astrophysical Journal Letters</i> , 2020, 905, L10.	3.0	20
162	Cluster observations of hot flow anomalies with large flow deflections: 2. Bow shock geometry at HFA edges. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 418-433.	0.8	19

#	ARTICLE	IF	CITATIONS
163	MESSENGER observations of Alfvénic and compressional waves during Mercury's substorms. Geophysical Research Letters, 2015, 42, 6189-6198.	1.5	19
164	Structure and evolution of electron "zebra stripes" in the inner radiation belt. Journal of Geophysical Research: Space Physics, 2016, 121, 4145-4157.	0.8	19
165	A statistical study on hot flow anomaly current sheets. Journal of Geophysical Research: Space Physics, 2017, 122, 235-248.	0.8	19
166	Ionospheric oxygen ions dominant bursty bulk flows: Cluster and Double Star observations. Journal of Geophysical Research, 2008, 113, .	3.3	18
167	A transient narrow poleward extrusion from the diffuse aurora and the concurrent magnetotail activity. Journal of Geophysical Research, 2010, 115, .	3.3	18
168	Outward expansion of the lunar wake: ARTEMIS observations. Geophysical Research Letters, 2012, 39, .	1.5	18
169	Method for inferring the axis orientation of cylindrical magnetic flux rope based on single-point measurement. Journal of Geophysical Research: Space Physics, 2013, 118, 271-283.	0.8	18
170	Transpolar arc observation after solar wind entry into the high-latitude magnetosphere. Journal of Geophysical Research: Space Physics, 2015, 120, 3525-3534.	0.8	18
171	Dayside magnetospheric and ionospheric responses to solar wind pressure increase: Multispacecraft and ground observations. Journal of Geophysical Research: Space Physics, 2016, 121, 10,813-10,830.	0.8	18
172	Ultralow frequency wave characteristics extracted from particle data: Application of IGSO observations. Science China Technological Sciences, 2017, 60, 419-424.	2.0	18
173	Observation of Nongyrotronic Electron Distribution Across the Electron Diffusion Region in the Magnetotail Reconnection. Geophysical Research Letters, 2019, 46, 14263-14273.	1.5	18
174	Earth Wind as a Possible Exogenous Source of Lunar Surface Hydration. Astrophysical Journal Letters, 2021, 907, L32.	3.0	18
175	Bursty energetic oxygen events in the dayside magnetosheath: GEOTAIL observations. Geophysical Research Letters, 1999, 26, 3349-3352.	1.5	17
176	Cluster observations of O ⁺ escape in the magnetotail due to shock compression effects during the initial phase of the magnetic storm on 17 August 2001. Journal of Geophysical Research, 2008, 113, .	3.3	17
177	Spatial structure and temporal evolution of a dayside poloidal ULF wave event. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	17
178	Propagation characteristics of young hot flow anomalies near the bow shock: Cluster observations. Journal of Geophysical Research: Space Physics, 2015, 120, 4142-4154.	0.8	17
179	Asymmetric ionospheric outflow observed at the dayside magnetopause. Journal of Geophysical Research: Space Physics, 2015, 120, 3564-3573.	0.8	17
180	A 2.5 dimensional MHD simulation of multiple-plasmoid-like structures in the course of a substorm. Journal of Geophysical Research, 2001, 106, 29807-29830.	3.3	16

#	ARTICLE	IF	CITATIONS
181	TC1 and Cluster observation of an FTE on 4 January 2005: A close conjunction. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	16
182	Numerical study on ULF waves in a dipole field excited by sudden impulse. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1665-1676.	0.9	16
183	Vortex-like plasma flow structures observed by Cluster at the boundary of the outer radiation belt and ring current: A link between the inner and outer magnetosphere. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	16
184	Global magnetospheric response to an interplanetary shock: THEMIS observations. <i>Annales Geophysicae</i> , 2012, 30, 379-387.	0.6	16
185	Case and statistical studies on the evolution of hot flow anomalies. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6332-6346.	0.8	16
186	Energetic electron response to interplanetary shocks at geosynchronous orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4669-4683.	0.8	16
187	Radial propagation of magnetospheric substorm-injected energetic electrons observed using a BD-IES instrument and Van Allen Probes. <i>Science China Earth Sciences</i> , 2016, 59, 1508-1516.	2.3	16
188	Drift-Bounce Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027067.	0.8	16
189	Kinetic-scale Flux Rope in the Magnetosheath Boundary Layer. <i>Astrophysical Journal</i> , 2020, 897, 137.	1.6	16
190	Inner Magnetospheric Magnetic Dips and Energetic Protons Trapped Therein: Multi-Spacecraft Observations and Simulations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092567.	1.5	16
191	Variations of N ⁺ /O ⁺ in the ring current during magnetic storms. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	15
192	Cluster observations of collisionless Hall reconnection at high-latitude magnetopause. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	15
193	Statistical research on the motion properties of the magnetotail current sheet: Cluster observations. <i>Science China Technological Sciences</i> , 2010, 53, 1732-1738.	2.0	15
194	Dynamics of long-period ULF waves in the plasma sheet: Coordinated space and ground observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	15
195	Current reduction in a pseudo-breakup event: THEMIS observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8178-8187.	0.8	15
196	Fast damping of ultralow frequency waves excited by interplanetary shocks in the magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2438-2451.	0.8	15
197	Dipolarization fronts in the near-Earth space and substorm dynamics. <i>Annales Geophysicae</i> , 2015, 33, 63-74.	0.6	15
198	Dayside magnetospheric ULF wave frequency modulated by a solar wind dynamic pressure negative impulse. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1658-1669.	0.8	15

#	ARTICLE	IF	CITATIONS
199	Van Allen Probes observation of a 360° phase shift in the flux modulation of injected electrons by ULF waves. <i>Geophysical Research Letters</i> , 2017, 44, 1614-1624.	1.5	15
200	The Secular Variation of the Center of Geomagnetic South Atlantic Anomaly and Its Effect on the Distribution of Inner Radiation Belt Particles. <i>Space Weather</i> , 2017, 15, 1548-1558.	1.3	15
201	Shock Induced Strong Substorms and Super Substorms: Preconditions and Associated Oxygen Ion Dynamics. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	15
202	Energetic particle sounding of the magnetopause: A contribution by Cluster/RAPID. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	14
203	Energy filter effect for solar wind particle entry to the plasma sheet via flank regions during southward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	14
204	Multiple cusps during an extended northward IMF period with a significant B_y component. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
205	Interplanetary drivers of ionospheric prompt penetration electric fields. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 130-136.	0.6	14
206	THEMIS observation of a magnetotail current sheet flapping wave. <i>Science Bulletin</i> , 2014, 59, 154-161.	1.7	14
207	Ion acceleration and reflection on magnetotail antipolarization fronts. <i>Geophysical Research Letters</i> , 2015, 42, 9166-9175.	1.5	14
208	Compressional ULF wave modulation of energetic particles in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6262-6276.	0.8	14
209	A Comparative Study of the Proton Properties of Magnetospheric Substorms at Earth and Mercury in the Near Magnetotail. <i>Geophysical Research Letters</i> , 2018, 45, 7933-7941.	1.5	14
210	Magnetospheric response to solar wind forcing: ultra-low-frequency wave-particle interaction perspective. <i>Annales Geophysicae</i> , 2022, 40, 121-150.	0.6	14
211	Substorm activity on January 11, 1994: Geotail observations in the distant tail during the leading phase of a corotating interaction region. <i>Journal of Geophysical Research</i> , 1998, 103, 17671-17689.	3.3	13
212	Sharp boundary between the inner magnetosphere and active outer plasma sheet. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	13
213	Ion composition variations in the plasma sheet observed by Cluster/RAPID. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	13
214	Multiple triangulation analysis: application to determine the velocity of 2-D structures. <i>Annales Geophysicae</i> , 2006, 24, 3173-3177.	0.6	13
215	Influence of solar wind dynamic pressure on geomagnetic Dst index during various magnetic storms. <i>Science China Technological Sciences</i> , 2011, 54, 1445-1454.	2.0	13
216	The current system associated with the boundary of plasma bubbles. <i>Geophysical Research Letters</i> , 2014, 41, 8169-8175.	1.5	13

#	ARTICLE	IF	CITATIONS
217	Observations of Kelvinâ€Helmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. Journal of Geophysical Research: Space Physics, 2018, 123, 3836-3847.	0.8	13
218	Origin of Electron Boomerang Stripes: Localized ULF Waveâ€Particle Interactions. Geophysical Research Letters, 2020, 47, e2020GL087960.	1.5	13
219	Self-consistent kinetic model of nested electron- and ion-scale magnetic cavities in space plasmas. Nature Communications, 2020, 11, 5616.	5.8	13
220	Statistical Characteristics of Substorms With Different Intensity. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029318.	0.8	13
221	Statistical properties of kinetic-scale magnetic holes in terrestrial space. Earth and Planetary Physics, 2021, 5, 63-72.	0.4	13
222	Drift Resonance Between Particles and Compressional Toroidal ULF Waves in Dipole Magnetic Field. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028842.	0.8	13
223	Electron structure of the magnetopause boundary layer: Cluster/Double Star observations. Journal of Geophysical Research, 2008, 113, .	3.3	12
224	A series of plasma flow vortices in the tail plasma sheet associated with solar wind pressure enhancement. Journal of Geophysical Research, 2010, 115, .	3.3	12
225	Longâ€lasting goodshielding at the equatorial ionosphere. Journal of Geophysical Research, 2010, 115, .	3.3	12
226	Responses of the ionospheric electric field to the sheath region of ICME: A case study. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 123-129.	0.6	12
227	Cases and statistical study on Hot Flow Anomalies with Cluster spacecraft data. Science China Technological Sciences, 2012, 55, 1402-1418.	2.0	12
228	New Magnetospheric Substorm Injection Monitor: Image Electron Spectrometer On Board a Chinese Navigation IGSO Satellite. Space Weather, 2018, 16, 121-125.	1.3	12
229	Spectral Signatures of Adiabatic Electron Acceleration at Saturn Through Corotation Drift Cancellation. Geophysical Research Letters, 2019, 46, 10240-10249.	1.5	12
230	Alteration of Particle Drift Resonance Dynamics Near Poloidal Mode Field Line Resonance Structures. Journal of Geophysical Research: Space Physics, 2019, 124, 7385-7401.	0.8	12
231	Simultaneous Observations of Localized and Global Driftâ€Resonance. Geophysical Research Letters, 2020, 47, e2020GL088019.	1.5	12
232	Multispacecraft Observation of the Presubstorm Longâ€lasting Poloidal ULF Wave. Geophysical Research Letters, 2021, 48, e2021GL096182.	1.5	12
233	Observational evidence of ring current in the magnetosphere of Mercury. Nature Communications, 2022, 13, 924.	5.8	12
234	An overview of the scientific objectives and technical configuration of the NeUtral Atom Detector Unit (NUADU) for the Chinese Double Star Mission. Planetary and Space Science, 2005, 53, 335-348.	0.9	11

#	ARTICLE	IF	CITATIONS
235	Cluster observations of particle acceleration up to supra-thermal energies in the cusp region related to low-frequency wave activity – possible implications for the substorm initiation process. <i>Annales Geophysicae</i> , 2008, 26, 653-669.	0.6	11
236	Propagation of interplanetary shock excited ultra low frequency (ULF) waves in magnetosphere-ionosphere-atmosphere – Multi-spacecraft – Cluster – and ground-based magnetometer observations. <i>Science China Technological Sciences</i> , 2010, 53, 2528-2534.	2.0	11
237	Leakage Current of Grounded Dielectrics in Electron Radiation as a Diagnostic Method to Evaluate the Deep Charging Hazards in Space. <i>IEEE Transactions on Nuclear Science</i> , 2016, 63, 1306-1313.	1.2	11
238	Electron dropout echoes induced by interplanetary shock: A statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8037-8050.	0.8	11
239	Mitigating Deep Dielectric Charging Effects in Space. <i>IEEE Transactions on Nuclear Science</i> , 2017, 64, 2822-2828.	1.2	11
240	The Radial Propagation Characteristics of the Injection Front: A Statistical Study Based On BD – ES and Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1927-1937.	0.8	11
241	Imaging energetic electron spectrometer onboard a Chinese navigation satellite in the inclined GEO orbit. <i>Science China Technological Sciences</i> , 2018, 61, 1845-1865.	2.0	11
242	Field – Aligned Structures of the Poloidal – Mode ULF Wave Electric Field: Phase Relationship Implications. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3410-3420.	0.8	11
243	Proton Properties in Mercury's Magnetotail: A Statistical Study. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088075.	1.5	11
244	Corotating drift-bounce resonance of plasmaspheric electron with poloidal ULF waves. <i>Earth and Planetary Physics</i> , 2017, 1, 2-12.	0.4	11
245	Predictability of variable solar – terrestrial coupling. <i>Annales Geophysicae</i> , 2021, 39, 1013-1035.	0.6	11
246	Nonlinear Wave Growth Analysis of Chorus Emissions Modulated by ULF Waves. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
247	The NUADU experiment on TC-2 and the first Energetic Neutral Atom (ENA) images recorded by this instrument. <i>Annales Geophysicae</i> , 2005, 23, 2825-2849.	0.6	10
248	Multi-spacecraft observations of ULF waves during the recovery phase of magnetic storm on October 30, 2003. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1772-1785.	0.9	10
249	Numerical simulation of magnetospheric ULF waves excited by positive and negative impulses of solar wind dynamic pressure. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 2886-2894.	0.9	10
250	Ultra low frequency waves impact on radiation belt energetic particles. <i>Science in China Series D: Earth Sciences</i> , 2009, 52, 3698-3708.	0.9	10
251	Electron acceleration by whistler-mode waves around the magnetic null during 3D reconnection. <i>Plasma Physics and Controlled Fusion</i> , 2010, 52, 052001.	0.9	10
252	THEMIS observations of earthward convected flux ropes triggering field dipolarization/substorm expansion and associated particle energization. <i>Annales Geophysicae</i> , 2011, 29, 2117-2130.	0.6	10

#	ARTICLE	IF	CITATIONS
253	Electron source associated with dipolarization at the outer boundary of the radiation belts: Nonstorm cases. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
254	Solar wind plasma entry observed by cluster in the high-latitude magnetospheric lobes. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4135-4144.	0.8	10
255	An explanation of auroral intensification during the substorm expansion phase. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8560-8576.	0.8	10
256	Saturn's Inner Magnetospheric Convection in the View of Zebra Stripe Patterns in Energetic Electron Spectra. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029600.	0.8	10
257	Electron Energization and Energy Dissipation in Microscale Electromagnetic Environments. <i>Astrophysical Journal Letters</i> , 2020, 899, L31.	3.0	10
258	Two distinct energetic electron populations of different origin in the Earth's magnetotail: a Cluster case study. <i>Annales Geophysicae</i> , 2006, 24, 1931-1948.	0.6	10
259	On the error estimation of multi-spacecraft timing method. <i>Annales Geophysicae</i> , 2009, 27, 3949-3955.	0.6	10
260	Drift shell tracing and secular variation of inner zone high energy proton environment in the SAA. <i>Advances in Space Research</i> , 2005, 36, 1973-1978.	1.2	9
261	Energetic ion injection and formation of the storm-time symmetric ring current. <i>Annales Geophysicae</i> , 2006, 24, 3547-3556.	0.6	9
262	Dynamic variations of the outer radiation belt during magnetic storms for 1.5–6.0 MeV electrons. <i>Science China Technological Sciences</i> , 2011, 54, 431-440.	2.0	9
263	Subsidence of Ionospheric Flows Triggered by Magnetotail Magnetic Reconnection During Transpolar Arc Brightening. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3398-3420.	0.8	9
264	A Statistical Study of the Force Balance and Structure in the Flux Ropes in Mercury's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5143-5157.	0.8	9
265	Understanding Electron Dropout Echoes Induced by Interplanetary Shocks: Test Particle Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 6759-6775.	0.8	9
266	Episodic Occurrence of Field-Aligned Energetic Ions on the Dayside. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086384.	1.5	9
267	On the Formation of Wedge-Like Ion Spectral Structures in the Nightside Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028420.	0.8	9
268	Statistics on Jupiter's Current Sheet With Juno Data: Geometry, Magnetic Fields and Energetic Particles. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	9
269	Simulation study on stochastic reconnection at the magnetopause. <i>Journal of Geophysical Research</i> , 1995, 100, 12001.	3.3	8
270	Multiple Flux Rope Events at the High-Latitude Magnetopause on January 26, 2001: Current Density Calculation. <i>Chinese Journal of Geophysics</i> , 2004, 47, 635-643.	0.2	8

#	ARTICLE	IF	CITATIONS
271	Simulation Studies of High-Latitude Magnetospheric Boundary Dynamics. <i>Surveys in Geophysics</i> , 2005, 26, 369-386.	2.1	8
272	The Magnetospheric cusps: A Summary. <i>Surveys in Geophysics</i> , 2005, 26, 409-414.	2.1	8
273	Multiple spacecraft study of an extended magnetic structure in the solar wind. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	8
274	Proton auroral intensification induced by interplanetary shock on 7 November 2004. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	8
275	Relativistic electron flux dropouts in the outer radiation belt associated with corotating interaction regions. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7404-7415.	0.8	8
276	Shape and position of Earth's bow shock near-lunar orbit based on ARTEMIS data. <i>Science China Earth Sciences</i> , 2016, 59, 1700-1706.	2.3	8
277	Electron flat-top distributions and cross-scale wave modulations observed in the current sheet of geomagnetic tail. <i>Physics of Plasmas</i> , 2017, 24, 082903.	0.7	8
278	Observations of the step-like accelerating processes of cold ions in the reconnection layer at the dayside magnetopause. <i>Science Bulletin</i> , 2018, 63, 31-37.	4.3	8
279	Off-Equatorial Minima Effects on ULF Wave-Ion Interaction in the Dayside Outer Magnetosphere. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095648.	1.5	8
280	Poleward-moving recurrent auroral arcs associated with impulse-excited standing hydromagnetic waves. <i>Earth and Planetary Physics</i> , 2019, 3, 305-313.	0.4	8
281	Energetic Neutral Atom Distribution on the Lunar Surface and Its Relationship with Solar Wind Conditions. <i>Astrophysical Journal Letters</i> , 2021, 922, L41.	3.0	8
282	Ion injections at auroral latitude during the March 31, 2001 magnetic storm observed by Cluster. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	7
283	Reconstruction of morningside plasma sheet compressional ULF Pc5 wave. <i>Science China Technological Sciences</i> , 2012, 55, 1092-1100.	2.0	7
284	Braking of high-speed flows in the magnetotail: THEMIS joint observations. <i>Science Bulletin</i> , 2014, 59, 326-334.	1.7	7
285	Anti-proton contamination design of the imaging energetic electron spectrometer based on Geant4 simulation. <i>Science China Technological Sciences</i> , 2015, 58, 1385-1391.	2.0	7
286	Spatial Distribution and Semiannual Variation of Cold-Dense Plasma Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 464-472.	0.8	7
287	Resonant Alfvén waves excited by plasma tube/shock front interaction. <i>Physics of Plasmas</i> , 2018, 25, 122904.	0.7	7
288	Oxygen Ion Reflection at Earthward Propagating Dipolarization Fronts in the Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6277-6288.	0.8	7

#	ARTICLE	IF	CITATIONS
289	The Geometry of an Electron Scale Magnetic Cavity in the Plasma Sheet. <i>Geophysical Research Letters</i> , 2019, 46, 9308-9317.	1.5	7
290	The Intense Substorm Incidence in Response to Interplanetary Shock Impacts and Influence on Energetic Electron Fluxes at Geosynchronous Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3210-3221.	0.8	7
291	Simultaneously Formed Wedge-Like Structures of Different Ion Species Deep in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028192.	0.8	7
292	On the Origin of Donut-Shaped Electron Distributions Within Magnetic Cavities. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091613.	1.5	7
293	Ring Current Decay During Geomagnetic Storm Recovery Phase: Comparison Between RBSP Observations and Theoretical Modeling. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	7
294	Fine-time energetic electron behavior observed by Cluster/RAPID in the magnetotail associated with X-line formation and subsequent current disruption. <i>Annales Geophysicae</i> , 2005, 23, 2265-2280.	0.6	7
295	Frequency-Dependent Responses of Plasmaspheric Hiss to the Impact of an Interplanetary Shock. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094810.	1.5	7
296	Low-frequency Whistler Waves Modulate Electrons and Generate Higher-frequency Whistler Waves in the Solar Wind. <i>Astrophysical Journal</i> , 2021, 923, 216.	1.6	7
297	MESSENGER Observations of Planetary Ion Enhancements at Mercury's Northern Magnetospheric Cusp During Flux Transfer Event Showers. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	7
298	Energetic ions in the high latitude boundary layer of the magnetosphere—Rapid/Cluster observation. <i>Geophysical Monograph Series</i> , 2003, , 101-110.	0.1	6
299	Multi-satellite observations on the storm-time enhancements of energetic outer zone electron fluxes driven by chorus waves. <i>Science China Technological Sciences</i> , 2011, 54, 2209-2216.	2.0	6
300	Enhanced anti-sunward flow near local noon during a period of horizontal IMF and high solar wind velocity V Y. <i>Science Bulletin</i> , 2011, 56, 1117-1122.	1.7	6
301	The response of the polar cusp to a high-speed solar wind stream studied by a multispacecraft wavelet analysis. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2011, 73, 52-60.	0.6	6
302	Comparison between the ring current energy injection and decay under southward and northward IMF Bz conditions during geomagnetic storms. <i>Science China Technological Sciences</i> , 2012, 55, 2769-2777.	2.0	6
303	Dynamic variation and the fast acceleration of particles in Earth's radiation belt. <i>Science China Earth Sciences</i> , 2013, 56, 1118-1140.	2.3	6
304	Frequency sweep rates of rising tone electromagnetic ion cyclotron waves: Comparison between nonlinear theory and Cluster observation. <i>Physics of Plasmas</i> , 2014, 21, .	0.7	6
305	Correlated observations and simulations on the buildup of radiation belt electron fluxes driven by substorm injections and chorus waves. <i>Astrophysics and Space Science</i> , 2015, 355, 245-251.	0.5	6
306	Discrete energetic (~ 450 – 200 keV) electron events in the high-altitude cusp/polar cap/lobe. <i>Science China Technological Sciences</i> , 2017, 60, 1935-1940.	2.0	6

#	ARTICLE	IF	CITATIONS
307	Traveling Ultralow-Frequency Waves and Their Influences Over Low-Energy, Charged Particles. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3848-3858.	0.8	6
308	Alfvén Wave Generation by a Compact Source Moving on the Magnetopause: Asymptotic Solution. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2720-2735.	0.8	6
309	Evolution of the Subauroral Polarization Stream Oscillations During the Severe Geomagnetic Storm on 20 November 2003. <i>Geophysical Research Letters</i> , 2019, 46, 599-607.	1.5	6
310	Monte Carlo simulations of the sensor head of imaging energetic electron spectrometer onboard a Chinese IGSO navigation satellite. <i>Science China Technological Sciences</i> , 2019, 62, 1169-1181.	2.0	6
311	A Short-lived Three-Belt Structure for sub-MeV Electrons in the Van Allen Belts: Time Scale and Energy Dependence. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028031.	0.8	6
312	On Phase Space Density and Its Radial Gradient of Outer Radiation Belt Seed Electrons: MMS/FEEPS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027711.	0.8	6
313	Calibration of AC Vector Magnetometer Based on Ellipsoid Fitting. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-6.	2.4	6
314	Origin of Electron Boomerang Stripes: Statistical Study. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093377.	1.5	6
315	Evaluation of energetic particle parameters in the near-Earth magnetotail derived from flux asymmetry observations. <i>Annales Geophysicae</i> , 1998, 16, 283-291.	0.6	5
316	Multiple Flux Rope Events at the High-Latitude Magnetopause: Cluster/Rapid Observation on January 26, 2001. <i>Chinese Journal of Geophysics</i> , 2004, 47, 197-206.	0.2	5
317	Reverse convection and cusp proton aurora: Cluster, polar and image observation. <i>Advances in Space Research</i> , 2005, 36, 1779-1784.	1.2	5
318	The cusp: a window for particle exchange between the radiation belt and the solar wind. <i>Annales Geophysicae</i> , 2006, 24, 3131-3137.	0.6	5
319	Analysis of the Interaction between Low-Frequency Waves and Ions in the High-Altitude Cusp Region Observed by Satellite Cluster. <i>Chinese Physics Letters</i> , 2006, 23, 1351-1354.	1.3	5
320	Latest progress on interactions between VLF/ELF waves and energetic electrons in the inner magnetosphere. <i>Science China Earth Sciences</i> , 2010, 53, 317-326.	2.3	5
321	Analysis of magnetotail flux rope events by ARTEMIS observations. <i>Science China Technological Sciences</i> , 2014, 57, 1010-1019.	2.0	5
322	Statistical study of magnetotail flux ropes near the lunar orbit. <i>Science China Technological Sciences</i> , 2016, 59, 1591-1596.	2.0	5
323	Understanding the ion distributions near the boundaries of reconnection outflow region. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 9400-9410.	0.8	5
324	Characteristics of high-latitude precursor flows ahead of dipolarization fronts. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5307-5320.	0.8	5

#	ARTICLE	IF	CITATIONS
325	Test particle simulation on the ion and electron zebra stripes and their time evolution in inner radiation belt. <i>Science China Technological Sciences</i> , 2018, 61, 623-632.	2.0	5
326	Electron Dispersion and Parallel Electron Beam Observed Near the Separatrix. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7494-7504.	0.8	5
327	The Efficiency of Coronal Mass Ejection With Different IMF Preconditions on the Production of Megaelectronvolt Electron Content in the Outer Radiation Belt. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3222-3235.	0.8	5
328	Small-scale Aurora Associated With Magnetospheric Flow Vortices After a Solar Wind Dynamic Pressure Decrease. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3303-3311.	0.8	5
329	MESSENGER Observations of Giant Plasmoids in Mercury's Magnetotail. <i>Astrophysical Journal Letters</i> , 2019, 886, L32.	3.0	5
330	Superposed Epoch Analysis of the Energetic Electron Flux Variations During CIRs Measured by BDIES. <i>Space Weather</i> , 2019, 17, 1765-1782.	1.3	5
331	Distribution of energetic electrons in the near earth space: New observations from the BeiDa Imaging Electron Spectrometer and the Van Allen Probes. <i>Planetary and Space Science</i> , 2020, 186, 104919.	0.9	5
332	Energetic Ion Dynamics Near the Cusp Region of Mercury. <i>Astrophysical Journal</i> , 2020, 892, 10.	1.6	5
333	Energetic electron detection packages on board Chinese navigation satellites in MEO. <i>Earth and Planetary Physics</i> , 2021, 5, 158-179.	0.4	5
334	A Statistical Survey of Low-frequency Magnetic Fluctuations at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028387.	0.8	5
335	Pitch Angle Phase Shift in Ring Current Ions Interacting With Ultra-low-frequency Waves: Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029025.	0.8	5
336	Sustained Oxygen Spectral Gaps and Their Dynamic Evolution in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029092.	0.8	5
337	The Characteristics of Three-belt Structure of Sub-MeV Electrons in the Radiation Belts. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029385.	0.8	5
338	Thermal Electron Behavior in Obliquely Propagating Whistler Waves: MMS Observations in the Solar Wind. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094099.	1.5	5
339	A Practicable Method for Calibrating a Magnetic Sensor Array. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-6.	2.4	5
340	The effect of non-storm time substorms on the ring current dynamics. <i>Earth and Planetary Physics</i> , 2021, 5, 1-8.	0.4	5
341	Alfvén waves in the magnetosphere generated by shock wave / plasmopause interaction. <i>Solneĭno-zemnaĭa Fizika</i> , 2019, 5, 9-14.	0.2	5
342	Zebra Stripe Patterns in Energetic Ion Spectra at Saturn. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5

#	ARTICLE	IF	CITATIONS
343	Energetic Particles Observed in the CUSP Region During a Storm Recovery Phase. <i>Surveys in Geophysics</i> , 2005, 26, 241-254.	2.1	4
344	Ultra low frequency waves observed by Double Star TC-1 in the plasmasphere boundary layer. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1685-1694.	0.9	4
345	THEMIS observations of two substorms on February 26, 2008. <i>Science China Technological Sciences</i> , 2010, 53, 1328-1337.	2.0	4
346	Auroral streamers implication for the substorm progression on September 14, 2004. <i>Planetary and Space Science</i> , 2012, 71, 119-124.	0.9	4
347	Study of the nose event on 11 April 2002 with UBK method. <i>Science China Technological Sciences</i> , 2012, 55, 1929-1942.	2.0	4
348	Pressure gradient evolution in the near-Earth magnetotail at the arrival of BBFs. <i>Science Bulletin</i> , 2014, 59, 4804-4808.	1.7	4
349	Reconstruction of plasmoid and traveling compression region in the near-Earth magnetotail. <i>Science China Technological Sciences</i> , 2015, 58, 330-337.	2.0	4
350	Statistics of the field-aligned currents at the high-latitude energetic electron boundaries in the nightside: Cluster observation. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1979-1989.	0.8	4
351	Electromagnetic disturbances observed near the dip region ahead of dipolarization front. <i>Geophysical Research Letters</i> , 2016, 43, 3026-3034.	1.5	4
352	Thin energetic O ⁺ layer embedded in the magnetotail reconnection current sheet observed by Cluster. <i>Geophysical Research Letters</i> , 2016, 43, 11,493.	1.5	4
353	Nightside ULF Waves Observed in the Topside Ionosphere by the DEMETER Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 7726-7739.	0.8	4
354	Drifting Electron Holes Occurring During Geomagnetically Quiet Times: THEMIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8695-8706.	0.8	4
355	The Magnetic Local Time Distribution of Storm Geomagnetic Field Disturbance Under Different Conditions of Solar Wind and Interplanetary Magnetic Field. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2656-2667.	0.8	4
356	North-South Asymmetric Nightside Distorted Transpolar Arcs Within A Framework of Deformed Magnetosphere-Ionosphere Coupling: IMF B _y Dependence, Ionospheric Currents, and Magnetotail Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, 2020JA027991.	0.8	4
357	Monitoring Deep Dielectric Charging Effects in Space. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 716-721.	1.2	4
358	Modulation of Whistler Mode Waves by Ion-Scale Waves Observed in the Distant Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027278.	0.8	4
359	The Encounter of the Parker Solar Probe and a Comet-like Object Near the Sun: Model Predictions and Measurements. <i>Astrophysical Journal</i> , 2021, 910, 7.	1.6	4
360	Solar Energetic Electrons Entering the Earth's Cusp/Lobe. <i>Astrophysical Journal</i> , 2021, 910, 12.	1.6	4

#	ARTICLE	IF	CITATIONS
361	Helical Magnetic Cavities: Kinetic Model and Comparison With MMS Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092383.	1.5	4
362	Energetic Electron Enhancement and Dropout Echoes Induced by Solar Wind Dynamic Pressure Decrease: The Effect of Phase Space Density Profile. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028863.	0.8	4
363	Transpolar Arcs During a Prolonged Radial Interplanetary Magnetic Field Interval. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029197.	0.8	4
364	The Field of Shock-Generated Alfvén Oscillations Near the Plasmapause. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029488.	0.8	4
365	Roles of Magnetospheric Convection on Nonlinear Drift Resonance Between Electrons and ULF Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027787.	0.8	4
366	Origin of Frequency-Doubling and Shoulder-Like Magnetic Pulsations in ULF Waves. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096532.	1.5	4
367	Effects of Geomagnetic and Solar Activities on the Composition and Position of the Ring Current Ion. <i>Chinese Journal of Geophysics</i> , 2003, 46, 1041-1049.	0.2	3
368	Statistical study of the properties of the magnetic field and plasma in the earth's magnetotail near lunar orbit. <i>Science China Technological Sciences</i> , 2012, 55, 2570-2577.	2.0	3
369	Altitude of the upper boundary of AAR based on observations of ion beams in inverted-V structures: A case study. <i>Science China Earth Sciences</i> , 2016, 59, 1489-1497.	2.3	3
370	Stability of plasma cylinder with current in a helical plasma flow. <i>Journal of Plasma Physics</i> , 2018, 84, .	0.7	3
371	On the Origin of Perpendicular Ion Anisotropy Inside Dipolarizing Flux Bundles. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4009-4021.	0.8	3
372	The Link Between Wedge-Like and Nose-Like Ion Spectral Structures in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093930.	1.5	3
373	Geoactivity at X= -200 RE in the Tail - The Trailing Phase of a Solar Wind High Speed Sector. <i>Astrophysics and Space Science Library</i> , 1998, , 703-706.	1.0	3
374	<i>In situ</i> detection of the electron diffusion region of collisionless magnetic reconnection at the high-latitude magnetopause. <i>Earth and Planetary Physics</i> , 2018, 2, 1-7.	0.4	3
375	BeiDa Imaging Electron Spectrometer observation of multi-period electron flux modulation caused by localized ultra-low-frequency waves. <i>Annales Geophysicae</i> , 2020, 38, 801-813.	0.6	3
376	Energetic oxygen ion bursts in the distant magnetotail. <i>COSPAR Colloquia Series</i> , 1998, 9, 23-32.	0.2	2
377	Geoactivity in response to CIR/CME events - A synoptic view. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 1999, 24, 113-117.	0.2	2
378	Drift Shell Tracing and Secular Variation of Inner Radiation Environment in the SAA Region. <i>COSPAR Colloquia Series</i> , 2002, 14, 353-358.	0.2	2

#	ARTICLE	IF	CITATIONS
379	Formation of the storm-time ring current. <i>Science Bulletin</i> , 2004, 49, 716-723.	1.7	2
380	VLF/ELF wave activity in the vicinity of the polar cusp: Cluster observations. <i>Annales Geophysicae</i> , 2006, 24, 1993-2004.	0.6	2
381	Correction to "Ultralow frequency modulation of energetic particles in the dayside magnetosphere". <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	2
382	Introduction to special section on Double Star Cluster Coordinated Studies on Magnetospheric Dynamic Processes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	2
383	Ionospheric Response to the Interplanetary Shock. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	2
384	Conjunction of anti-parallel and component reconnection at the dayside MP: Cluster and Double Star coordinated observation on 6 April 2004. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	2
385	Correlated observations of intensified whistler waves and electron acceleration around the geostationary orbit. <i>Plasma Physics and Controlled Fusion</i> , 2012, 54, 035004.	0.9	2
386	An analysis of the correlation between the fluxes of high-energy electrons and low-middle-energy electrons in the magnetosphere. <i>Science China Technological Sciences</i> , 2016, 59, 1130-1136.	2.0	2
387	THEMIS statistical study on the plasma properties of high-speed flows in Earth's magnetotail. <i>Science China Earth Sciences</i> , 2016, 59, 548-555.	2.3	2
388	Oxygen Ion Butterfly Distributions Observed in a Magnetotail Dipolarizing Flux Bundle. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10219-10229.	0.8	2
389	The Dynamics of the Inner Boundary of the Outer Radiation Belt During Geomagnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027309.	0.8	2
390	Analysis of the internal charging data in medium earth orbit with numerical simulation and ground experiment. <i>Science China Technological Sciences</i> , 2022, 65, 977-986.	2.0	2
391	Kinetic-scale Flux Ropes: Observations and Applications of Kinetic Equilibrium Models. <i>Astrophysical Journal</i> , 2022, 926, 208.	1.6	2
392	Magnetic storms in Mercury's magnetosphere. <i>Science China Technological Sciences</i> , 0, , 1.	2.0	2
393	MLT Dependence of Sustained Spectral Gaps of Proton and Oxygen in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	0.8	2
394	ULF Wave-Induced Ion Pitch Angle Evolution in the Dayside Outer Magnetosphere. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
395	Dayside magnetopause reconnection and flux transfer events under radial interplanetary magnetic field (IMF): BepiColombo Earth-flyby observations. <i>Annales Geophysicae</i> , 2022, 40, 217-229.	0.6	2
396	Energetic oxygen ions in the magnetosheath in the negative BZ phase of the CME on January 10, 1997. <i>Advances in Space Research</i> , 2000, 25, 2421-2424.	1.2	1

#	ARTICLE	IF	CITATIONS
397	Distribution of energetic oxygen events in the tail region " A view from HEP-LD/GEOTAIL. <i>Advances in Space Research</i> , 2000, 25, 1603-1606.	1.2	1
398	Energetic Ions in the High Latitude Magnetosphere During the Leading Phase of a CME. <i>COSPAR Colloquia Series</i> , 2002, , 359-364.	0.2	1
399	Energetic Electrons as a Field Line Topology Tracer in the High Latitude Boundary/Cusp Region: Cluster Rapid Observations. , 2005, , 215-240.		1
400	Continuous lobe reconnection in the mid-tail and its relationship to substorms: Cluster observations of continuous lobe reconnection in the mid-magneto tail. <i>Science Bulletin</i> , 2005, 50, 2057-2063.	4.3	1
401	Coordinated Cluster/Double Star observations of dayside flux transfer events on 6 April 2004. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1611-1619.	0.9	1
402	Study of Magnetotail Plasma Sheet Vortices with GS Velocity Field Reconstruction Method. <i>Chinese Journal of Geophysics</i> , 2009, 52, 743-753.	0.2	1
403	Initial responses of magnetospheric plasma flows to the dynamic pressure enhancements. , 2014, , .		1
404	Simulation of bounce resonance ULF wave-particle interactions. , 2016, , .		1
405	Statistical analysis of one Chinese sun-synchronous satellite anomalies. <i>Science China Technological Sciences</i> , 2016, 59, 540-546.	2.0	1
406	Cluster Observations on Time-of-flight Effect of Oxygen Ions in Magnetotail Reconnection Exhaust Region. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085200.	1.5	1
407	On the Species Dependence of Ion Escapes Across the Magnetopause. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093115.	1.5	1
408	Plasmoid Boundary Layer: Geotail Observations. <i>Astrophysics and Space Science Library</i> , 1998, , 715-718.	1.0	1
409	"Phase Portraits" of Alfvén Waves in Magnetospheric Plasma. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
410	Energetic particles bursts in the near-earth magnetosheath during a storm recovery phase. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 1999, 24, 293-298.	0.2	0
411	Energetic ion observations of the Earth's magnetic cusps during an extended geomagnetically quiescent period in April 2001 using detectors on S/C ISTP/Polar. <i>Advances in Space Research</i> , 2005, 36, 1946-1950.	1.2	0
412	Dipolarization Observed by TC1 and Cluster During Substorm in Sep. 14, 2004. <i>Chinese Journal of Geophysics</i> , 2007, 50, 866-876.	0.2	0
413	Different boundary layers at the high latitude magnetosphere behind the cusp. , 2011, , .		0
414	Plasma transport processes at the high latitude magnetosphere observed by cluster. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
415	Heavy Ion Acceleration by Reconnection in the Magnetotail: Theory and GEOTAIL Observations. Geophysical Monograph Series, 0, , 181-192.	0.1	0
416	Solar wind \sim 0.1-1.5 keV electrons at quiet times. AIP Conference Proceedings, 2016, , .	0.3	0
417	Thank You to Our 2019 Reviewers. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028092.	0.8	0
418	Thank You to Our 2020 Reviewers. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029311.	0.8	0
419	Observations of an Electron-Cold Ion Component Reconnection at the Edge of an Ion-Scale Antiparallel Reconnection at the Dayside Magnetopause. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029390.	0.8	0
420	Configuration Instability in the Near-Earth Tail: A Synthesis of Magnetic Reconnection and Current Disruption in Substorm Initiation. Astrophysics and Space Science Library, 1998, , 405-408.	1.0	0
421	Alfvén waves in the magnetosphere generated by shock wave / plasmopause interaction. SolneĖno-zemnaĖ Fizika, 2019, 5, 11-16.	0.2	0
422	Energetic Particles Observed in the Cusp Region During a Storm Recovery Phase. , 2005, , 241-254.		0
423	Simulation Studies of High-Latitude Magnetospheric Boundary Dynamics. , 2005, , 369-386.		0
424	Multiple Flux Rope Events at the High-Latitude Magnetopause: Cluster/Rapid Observation on 26 January, 2001. , 2005, , 193-214.		0
425	PRE-SUBSTORM ULF WAVES OBSERVED BY MULTIPLE SPACECRAFTS. , 2021, , .		0
426	Mercury's ring current and Mercury's magnetic storms. Science China Technological Sciences, 0, , 1.	2.0	0
427	Thank You to Our 2021 Reviewers. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	0
428	Energetic electron microinjections observed by MMS in the dusk plasma sheet and drift resonance interpretation. Geophysical Research Letters, 0, , .	1.5	0