

Q-G Zong

List of Publications by Year in descending order

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428
papers

9,401
citations

43973

48
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91712

69
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454
all docs

454
docs citations

454
times ranked

3099
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Zebra Stripe Patterns in Energetic Ion Spectra at Saturn. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	5
3	Kinetic-scale Flux Ropes: Observations and Applications of Kinetic Equilibrium Models. <i>Astrophysical Journal</i> , 2022, 926, 208.	1.6	2
4	Observational evidence of ring current in the magnetosphere of Mercury. <i>Nature Communications</i> , 2022, 13, 924.	5.8	12
5	Magnetospheric response to solar wind forcing: ultra-low-frequency waveâ€“particle interaction perspective. <i>Annales Geophysicae</i> , 2022, 40, 121-150.	0.6	14
6	ULF Waveâ€“Induced Ion Pitch Angle Evolution in the Dayside Outer Magnetosphere. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	2
7	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
8	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
9	Thank You to Our 2021 Reviewers. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	0
10	Nonlinear Wave Growth Analysis of Chorus Emissions Modulated by ULF Waves. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	11
11	â€œPhase Portraitsâ€“of Alfvén Waves in Magnetospheric Plasma. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
12	Dayside Transient Phenomena and Their Impact on the Magnetosphere and Ionosphere. <i>Space Science Reviews</i> , 2022, 218, .	3.7	35
13	Calibration of AC Vector Magnetometer Based on Ellipsoid Fitting. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-6.	2.4	6
14	Earth Wind as a Possible Exogenous Source of Lunar Surface Hydration. <i>Astrophysical Journal Letters</i> , 2021, 907, L32.	3.0	18
15	On the Origin of Donutâ€“shaped Electron Distributions Within Magnetic Cavities. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091613.	1.5	7
16	Energetic electron detection packages on board Chinese navigation satellites in MEO. <i>Earth and Planetary Physics</i> , 2021, 5, 158-179.	0.4	5
17	A Statistical Survey of Lowâ€“frequency Magnetic Fluctuations at Saturn. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028387.	0.8	5
18	Pitch Angle Phase Shift in Ring Current Ions Interacting With Ultraâ€“Lowâ€“frequency Waves: Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029025.	0.8	5

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19	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
20	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
21	Solar Energetic Electrons Entering the Earth's Cusp/Lobe. <i>Astrophysical Journal</i> , 2021, 910, 12.	1.6	4
22	Helical Magnetic Cavities: Kinetic Model and Comparison With MMS Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092383.	1.5	4
23	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
24	Shock Induced Strong Substorms and Super Substorms: Preconditions and Associated Oxygen Ion Dynamics. <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	15
25	Thank You to Our 2020 Reviewers. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029311.	0.8	0
26	On the Species Dependence of Ion Escapes Across the Magnetopause. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093115.	1.5	1
27	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
28	Transpolar Arcs During a Prolonged Radial Interplanetary Magnetic Field Interval. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029197.	0.8	4
29	Origin of Electron Boomerang Stripes: Statistical Study. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093377.	1.5	6
30	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
31	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
32	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
33	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
34	Statistical Characteristics of Substorms With Different Intensity. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029318.	0.8	13
35	The Field of Shock-Generated Alfvén Oscillations Near the Plasmapause. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029488.	0.8	4
36	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

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37	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
38	Observations of an Electron-cold Ion Component Reconnection at the Edge of an Ion-scale Antiparallel Reconnection at the Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029390.	0.8	0
39	A Practicable Method for Calibrating a Magnetic Sensor Array. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-6.	2.4	5
40	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
41	Statistical properties of kinetic-scale magnetic holes in terrestrial space. <i>Earth and Planetary Physics</i> , 2021, 5, 63-72.	0.4	13
42	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
43	Drift Resonance Between Particles and Compressional Toroidal ULF Waves in Dipole Magnetic Field. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028842.	0.8	13
44	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
45	Frequency-Dependent Responses of Plasmaspheric Hiss to the Impact of an Interplanetary Shock. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094810.	1.5	7
46	Multispacecraft Observation of the Presubstorm Long-Lasting Poloidal ULF Wave. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096182.	1.5	12
47	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
48	Origin of Frequency-Doubling and Shoulder-Like Magnetic Pulsations in ULF Waves. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096532.	1.5	4
49	PRE-SUBSTORM ULF WAVES OBSERVED BY MULTIPLE SPACECRAFTS. , 2021, , .		0
50	Predictability of variable solar-terrestrial coupling. <i>Annales Geophysicae</i> , 2021, 39, 1013-1035.	0.6	11
51	ML-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
52	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
53	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
54	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

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55	Origin of Electron Boomerang Stripes: Localized ULF Wave-Particle Interactions. Geophysical Research Letters, 2020, 47, e2020GL087960.	1.5	13
56	Kinetic-scale Flux Rope in the Magnetosheath Boundary Layer. Astrophysical Journal, 2020, 897, 137.	1.6	16
57	Simultaneously Formed Wedge-Like Structures of Different Ion Species Deep in the Inner Magnetosphere. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028192.	0.8	7
58	The Modulation of Plasma and Waves by Background Electron Density Irregularities in the Inner Magnetosphere. Geophysical Research Letters, 2020, 47, e2020GL088855.	1.5	23
59	A Short-lived Three-Belt Structure for sub-MeV Electrons in the Van Allen Belts: Time Scale and Energy Dependence. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028031.	0.8	6
60	Flux Transfer Event Showers at Mercury: Dependence on Plasma β^2 and Magnetic Shear and Their Contribution to the Dungey Cycle. Geophysical Research Letters, 2020, 47, e2020GL089784.	1.5	23
61	First Topology of Electron-Scale Magnetic Hole. Geophysical Research Letters, 2020, 47, e2020GL088374.	1.5	21
62	North-South Asymmetric Nightside Distorted Transpolar Arcs Within A Framework of Deformed Magnetosphere-Ionosphere Coupling: IMF B_y Dependence, Ionospheric Currents, and Magnetotail Reconnection. Journal of Geophysical Research: Space Physics, 2020, 125, 2020JA027991.	0.8	4
63	Self-consistent kinetic model of nested electron- and ion-scale magnetic cavities in space plasmas. Nature Communications, 2020, 11, 5616.	5.8	13
64	Proton Properties in Mercury's Magnetotail: A Statistical Study. Geophysical Research Letters, 2020, 47, e2020GL088075.	1.5	11
65	On Phase Space Density and Its Radial Gradient of Outer Radiation Belt Seed Electrons: MMS/FEEPS Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027711.	0.8	6
66	Distribution of energetic electrons in the near earth space: New observations from the BeiDa Imaging Electron Spectrometer and the Van Allen Probes. Planetary and Space Science, 2020, 186, 104919.	0.9	5
67	Simultaneous Observations of Localized and Global Drift-Resonance. Geophysical Research Letters, 2020, 47, e2020GL088019.	1.5	12
68	Thank You to Our 2019 Reviewers. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028092.	0.8	0
69	Monitoring Deep Dielectric Charging Effects in Space. IEEE Transactions on Nuclear Science, 2020, 67, 716-721.	1.2	4
70	Multiple transpolar auroral arcs reveal insight about coupling processes in the Earth's magnetotail. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16193-16198.	3.3	24
71	Pitch Angle Structures of Ring Current Ions Induced by Evolving Poloidal Ultra-Low Frequency Waves. Geophysical Research Letters, 2020, 47, e2020GL087203.	1.5	20
72	Episodic Occurrence of Field-Aligned Energetic Ions on the Dayside. Geophysical Research Letters, 2020, 47, e2019GL086384.	1.5	9

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73	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
74	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
75	Plasmapause surface wave oscillates the magnetosphere and diffuse aurora. <i>Nature Communications</i> , 2020, 11, 1668.	5.8	35
76	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
77	Energetic Ion Dynamics Near the Cusp Region of Mercury. <i>Astrophysical Journal</i> , 2020, 892, 10.	1.6	5
78	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
79	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
80	Electron Energization and Energy Dissipation in Microscale Electromagnetic Environments. <i>Astrophysical Journal Letters</i> , 2020, 899, L31.	3.0	10
81	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
82	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
83	The Geometry of an Electron Scale Magnetic Cavity in the Plasma Sheet. <i>Geophysical Research Letters</i> , 2019, 46, 9308-9317.	1.5	7
84	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
85	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
86	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
87	Drifting Electron Holes Occurring During Geomagnetically Quiet Times: BDIS Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8695-8706.	0.8	4
88	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
89	Electron Mirror-mode Structure: Magnetospheric Multiscale Observations. <i>Astrophysical Journal Letters</i> , 2019, 881, L31.	3.0	27
90	Spectral Signatures of Adiabatic Electron Acceleration at Saturn Through Corotation Drift Cancellation. <i>Geophysical Research Letters</i> , 2019, 46, 10240-10249.	1.5	12

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91	Electron Dispersion and Parallel Electron Beam Observed Near the Separatrix. Journal of Geophysical Research: Space Physics, 2019, 124, 7494-7504.	0.8	5
92	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
93	Dimensionality, Coordinate System and Reference Frame for Analysis of In-Situ Space Plasma and Field Data. Space Science Reviews, 2019, 215, 1.	3.7	46
94	The Efficiency of Coronal Mass Ejection With Different IMF Preconditions on the Production of Megaelectronvolt Electron Content in the Outer Radiation Belt. Journal of Geophysical Research: Space Physics, 2019, 124, 3222-3235.	0.8	5
95	The Intense Substorm Incidence in Response to Interplanetary Shock Impacts and Influence on Energetic Electron Fluxes at Geosynchronous Orbit. Journal of Geophysical Research: Space Physics, 2019, 124, 3210-3221.	0.8	7
96	On the Origin of Perpendicular Ion Anisotropy Inside Dipolarizing Flux Bundles. Journal of Geophysical Research: Space Physics, 2019, 124, 4009-4021.	0.8	3
97	Field-Aligned Structures of the Poloidal-Mode ULF Wave Electric Field: Phase Relationship Implications. Journal of Geophysical Research: Space Physics, 2019, 124, 3410-3420.	0.8	11
98	Small-Scale Aurora Associated With Magnetospheric Flow Vortices After a Solar Wind Dynamic Pressure Decrease. Journal of Geophysical Research: Space Physics, 2019, 124, 3303-3311.	0.8	5
99	Alfvén Wave Generation by a Compact Source Moving on the Magnetopause: Asymptotic Solution. Journal of Geophysical Research: Space Physics, 2019, 124, 2720-2735.	0.8	6
100	Global-Scale ULF Waves Associated With SSC Accelerate Magnetospheric Ultrarelativistic Electrons. Journal of Geophysical Research: Space Physics, 2019, 124, 1525-1538.	0.8	48
101	MMS observations of electron scale magnetic cavity embedded in proton scale magnetic cavity. Nature Communications, 2019, 10, 1040.	5.8	35
102	The Magnetic Local Time Distribution of Storm Geomagnetic Field Disturbance Under Different Conditions of Solar Wind and Interplanetary Magnetic Field. Journal of Geophysical Research: Space Physics, 2019, 124, 2656-2667.	0.8	4
103	Evolution of the Subauroral Polarization Stream Oscillations During the Severe Geomagnetic Storm on 20 November 2003. Geophysical Research Letters, 2019, 46, 599-607.	1.5	6
104	MESSENGER Observations of Giant Plasmoids in Mercury's Magnetotail. Astrophysical Journal Letters, 2019, 886, L32.	3.0	5
105	Oxygen Ion Butterfly Distributions Observed in a Magnetotail Dipolarizing Flux Bundle. Journal of Geophysical Research: Space Physics, 2019, 124, 10219-10229.	0.8	2
106	Observation of Nongyrotropic Electron Distribution Across the Electron Diffusion Region in the Magnetotail Reconnection. Geophysical Research Letters, 2019, 46, 14263-14273.	1.5	18
107	Superposed Epoch Analysis of the Energetic Electron Flux Variations During CIRs Measured by BDES. Space Weather, 2019, 17, 1765-1782.	1.3	5
108	Waves in Kinetic-Scale Magnetic Dips: MMS Observations in the Magnetosheath. Geophysical Research Letters, 2019, 46, 523-533.	1.5	49

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109	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
110	Alfvén waves in the magnetosphere generated by shock wave / plasmopause interaction. <i>SolneĎno-zemnaĎ Fizika</i> , 2019, 5, 9-14.	0.2	5
111	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
112	Alfvén waves in the magnetosphere generated by shock wave / plasmopause interaction. <i>SolneĎno-zemnaĎ Fizika</i> , 2019, 5, 11-16.	0.2	0
113	New Magnetospheric Substorm Injection Monitor: Image Electron Spectrometer On Board a Chinese Navigation IGSO Satellite. <i>Space Weather</i> , 2018, 16, 121-125.	1.3	12
114	The Radial Propagation Characteristics of the Injection Front: A Statistical Study Based On BDĎES and Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1927-1937.	0.8	11
115	Stability of plasma cylinder with current in a helical plasma flow. <i>Journal of Plasma Physics</i> , 2018, 84, .	0.7	3
116	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
117	Spatial Distribution and Semiannual Variation of ColdĎDense Plasma Sheet. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 464-472.	0.8	7
118	Magnetospheric Multiscale Observations of Electron Scale Magnetic Peak. <i>Geophysical Research Letters</i> , 2018, 45, 527-537.	1.5	33
119	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
120	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
121	Traveling UltralowĎFrequency Waves and Their Influences Over LowĎEnergy, Charged Particles. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3848-3858.	0.8	6
122	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
123	Resonant Alfvén waves excited by plasma tube/shock front interaction. <i>Physics of Plasmas</i> , 2018, 25, 122904.	0.7	7
124	Observations of KelvinĎHelmholtz Waves in the Earth's Magnetotail Near the Lunar Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3836-3847.	0.8	13
125	Poloidal Mode WaveĎParticle Interactions Inferred From Van Allen Probes and CARISMA GroundĎBased Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4652-4667.	0.8	21
126	Dayside Magnetospheric and Ionospheric Responses to a Foreshock Transient on 25 June 2008: 1. FLR Observed by Satellite and GroundĎBased Magnetometers. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6335-6346.	0.8	40

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127	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
128	Electron Dynamics in Magnetosheath Mirror Mode Structures. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5561-5570.	0.8	33
129	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
130	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
131	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
132	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
133	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
134	<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
135	Introduction to special section on the China Seismo-Electromagnetic Satellite and initial results. <i>Earth and Planetary Physics</i> , 2018, 2, 439-443.	0.4	48
136	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
137	Observations of kinetic size magnetic holes in the magnetosheath. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1990-2000.	0.8	70
138	Charged particle behavior in localized ultralow frequency waves: Theory and observations. <i>Geophysical Research Letters</i> , 2017, 44, 5900-5908.	1.5	40
139	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
140	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
141	Ultralow frequency wave characteristics extracted from particle data: Application of IGSO observations. <i>Science China Technological Sciences</i> , 2017, 60, 419-424.	2.0	18
142	A statistical study on hot flow anomaly current sheets. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 235-248.	0.8	19
143	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
144	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

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145	An explanation of auroral intensification during the substorm expansion phase. Journal of Geophysical Research: Space Physics, 2017, 122, 8560-8576.	0.8	10
146	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
147	Electron dropout echoes induced by interplanetary shock: A statistical study. Journal of Geophysical Research: Space Physics, 2017, 122, 8037-8050.	0.8	11
148	MESSENGER observations of the energization and heating of protons in the near-Mercury magnetotail. Geophysical Research Letters, 2017, 44, 8149-8158.	1.5	27
149	Global ULF waves generated by a hot flow anomaly. Geophysical Research Letters, 2017, 44, 5283-5291.	1.5	33
150	Characteristics of high-latitude precursor flows ahead of dipolarization fronts. Journal of Geophysical Research: Space Physics, 2017, 122, 5307-5320.	0.8	5
151	The Secular Variation of the Center of Geomagnetic South Atlantic Anomaly and Its Effect on the Distribution of Inner Radiation Belt Particles. Space Weather, 2017, 15, 1548-1558.	1.3	15
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153	Mitigating Deep Dielectric Charging Effects in Space. IEEE Transactions on Nuclear Science, 2017, 64, 2822-2828.	1.2	11
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