

# Xinlin Li

## List of Publications by Year in descending order

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202  
papers

10,858  
citations

28274

55  
h-index

38395

95  
g-index

203  
all docs

203  
docs citations

203  
times ranked

3180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competitive Influences of Different Plasma Waves on the Pitch Angle Distribution of Energetic Electrons Inside and Outside Plasmasphere. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	6
2	Statistics of Multi-keV Electron Drift-Periodic Flux Oscillations Using Van Allen Probes Observations. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	2
3	Quasi-Trapped Electron Fluxes Induced by NWC Transmitter and CRAND: Observations and Simulations. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
4	On the Challenges of Measuring Energetic Particles in the Inner Belt: A Geant4 Simulation of an Energetic Particle Detector Instrument, REPTile-2. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	2.4	6
5	Achievements and Lessons Learned From Successful Small Satellite Missions for Space Weather-Oriented Research. <i>Space Weather</i> , 2022, 20, .	3.7	4
6	Van Allen Belt Punctures and Their Correlation With Solar Wind, Geomagnetic Activity, and ULF Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	1
7	Equatorial Pitch Angle Distributions of 1–50 keV Electrons in Earth's Inner Magnetosphere: An Empirical Model Based on the Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	7
8	Upper Limit of Electron Fluxes Observed in the Radiation Belts. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, .	2.4	7
9	On the Association Between Electron Flux Oscillations and Local Phase Space Density Gradients. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028891.	2.4	8
10	Modeling the Dynamics of Radiation Belt Electrons With Source and Loss Driven by the Solar Wind. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028988.	2.4	9
11	The Relativistic Electron-Proton Telescope (REPT) Investigation: Design, Operational Properties, and Science Highlights. <i>Space Science Reviews</i> , 2021, 217, 1.	8.1	23
12	Van Allen Probes Observations of Multi-keV Electron Drift-Periodic Flux Oscillations in Earth's Outer Radiation Belt During the March 2017 Event. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029284.	2.4	7
13	Complementary and Catalytic Roles of Man-Made VLF Waves and Natural Plasma Waves in the Loss of Radiation Belt Electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028879.	2.4	5
14	Relativistic Electron Model in the Outer Radiation Belt Using a Neural Network Approach. <i>Space Weather</i> , 2021, 19, e2021SW002808.	3.7	27
15	Multi-Event Studies of Sudden Energetic Electron Enhancements in the Inner Magnetosphere and Its Association With Plasmopause Positions. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029769.	2.4	3
16	Multi-keV Electron Dynamics Near the Inner Edge of the Outer Radiation Belt. <i>Geophysical Research Letters</i> , 2021, 48, .	4.0	3
17	Energy-dependent Boundaries of Earth's Radiation Belt Electron Slot Region. <i>Astrophysical Journal</i> , 2021, 922, 246.	4.5	2
18	Particle Dynamics in the Earth's Radiation Belts: Review of Current Research and Open Questions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026735.	2.4	81

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19	Electron Diffusion by Coexisting Plasmaspheric Hiss and Chorus Waves: Multisatellite Observations and Simulations. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088753.	4.0	15
20	Dynamics of Energetic Electrons in the Slot Region During Geomagnetically Quiet Times: Losses Due to Wave-Particle Interactions Versus a Source From Cosmic Ray Albedo Neutron Decay (CRAND). <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028042.	2.4	9
21	Long-Term Variations of Quasi-Trapped and Trapped Electrons in the Inner Radiation Belt Observed by DEMETER and SAMPEX. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028086.	2.4	4
22	New Insights From Long-Term Measurements of Inner Belt Protons (10s of MeV) by SAMPEX, POES, Van Allen Probes, and Simulation Results. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028198.	2.4	7
23	Relation Between Shock-Related Impulse and Subsequent ULF Wave in the Earth's Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090027.	4.0	12
24	Simulations of Electron Flux Oscillations as Observed by MagEIS in Response to Broadband ULF Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027798.	2.4	11
25	The Day-Night Difference and Geomagnetic Activity Variation of Energetic Electron Fluxes in Region of South Atlantic Anomaly. <i>Space Weather</i> , 2020, 18, e2020SW002479.	3.7	5
26	Non-lithographic direct patterning of carbon nanomaterial electrodes via electrohydrodynamic-printed wettability patterns by polymer brush for fabrication of organic field-effect transistor. <i>Applied Surface Science</i> , 2020, 515, 145989.	6.1	24
27	Statistical Relationship Between Exohiss Waves and Plasmaspheric Hiss. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087023.	4.0	13
28	On Energetic Electron Dynamics During Geomagnetic Quiet Times in Earth's Inner Radiation Belt due to Atmospheric Collisional Loss and CRAND as a Source. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027678.	2.4	19
29	Direct-patterned copper/poly(ethylene oxide) composite electrodes for organic thin-film transistors through cone-jet mode by electrohydrodynamic jet printing. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 85, 269-275.	5.8	19
30	Scalable fabrication of carbon materials based silicon rubber for highly stretchable e-textile sensor. <i>Nanotechnology Reviews</i> , 2020, 9, 1183-1191.	5.8	13
31	Electrohydrodynamic (EHD) jet printing of carbon-black composites for solution-processed organic field-effect transistors. <i>Organic Electronics</i> , 2019, 73, 279-285.	2.6	24
32	Plasmaspheric hiss waves generate a reversed energy spectrum of radiation belt electrons. <i>Nature Physics</i> , 2019, 15, 367-372.	16.7	66
33	Modeling the Quasi-Trapped Electron Fluxes From Cosmic Ray Albedo Neutron Decay (CRAND). <i>Geophysical Research Letters</i> , 2019, 46, 1919-1928.	4.0	26
34	Sol-Gel-Processed Organic-Inorganic Hybrid for Flexible Conductive Substrates Based on Gravure-Printed Silver Nanowires and Graphene. <i>Polymers</i> , 2019, 11, 158.	4.5	8
35	Characterization and Evolution of Radiation Belt Electron Energy Spectra Based on the Van Allen Probes Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4217-4232.	2.4	25
36	Monitoring the global evolution of the storm ring current and storm indices from confined ground geomagnetic observatories. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2019, 191, 105049.	1.6	1

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37	Multiyear Measurements of Radiation Belt Electrons: Acceleration, Transport, and Loss. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2588-2602.	2.4	48
38	Parametric Sensitivity of the Formation of Reversed Electron Energy Spectrum Caused by Plasmaspheric Hiss. <i>Geophysical Research Letters</i> , 2019, 46, 4134-4143.	4.0	41
39	Effect of Low-Frequency Harmonic Magnetosonic Waves on the Radiation Belt Electrons Inside the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3390-3401.	2.4	23
40	Cone-jet printing of aligned silver nanowire/poly(ethylene oxide) composite electrodes for organic thin-film transistors. <i>Organic Electronics</i> , 2019, 69, 190-199.	2.6	32
41	The Effects of Geomagnetic Storms and Solar Wind Conditions on the Ultrarelativistic Electron Flux Enhancements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1948-1965.	2.4	25
42	How Sudden, Intense Energetic Electron Enhancements Correlate With the Innermost Plasmapause Locations Under Various Solar Wind Drivers and Geomagnetic Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8992-9002.	2.4	8
43	Comparison of Van Allen Probes Energetic Electron Data With Corresponding GOES-E5 Measurements: 2012-2018. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9924-9942.	2.4	16
44	On the Acceleration Mechanism of Ultrarelativistic Electrons in the Center of the Outer Radiation Belt: A Statistical Study. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8590-8599.	2.4	27
45	Cosmic Ray Albedo Neutron Decay (CRAND) as a Source of Inner Belt Electrons: Energy Spectrum Study. <i>Geophysical Research Letters</i> , 2019, 46, 544-552.	4.0	25
46	Modeling the Proton Radiation Belt With Van Allen Probes Relativistic Electron-Proton Telescope Data. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 685-697.	2.4	22
47	The Effects of Solar Wind Dynamic Pressure Changes on the Substorm Auroras and Energetic Electron Injections on 24 August 2005. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 385-399.	2.4	11
48	The effect of surfactants on electrohydrodynamic jet printing and the performance of organic field-effect transistors. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1210-1220.	2.8	27
49	Ultrawideband Rising-Tone Chorus Waves Observed Inside the Oscillating Plasmapause. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6670-6678.	2.4	11
50	The Acceleration of Ultrarelativistic Electrons During a Small to Moderate Storm of 21 April 2017. <i>Geophysical Research Letters</i> , 2018, 45, 5818-5825.	4.0	25
51	Fast Diffusion of Ultrarelativistic Electrons in the Outer Radiation Belt: 17 March 2015 Storm Event. <i>Geophysical Research Letters</i> , 2018, 45, 10874-10882.	4.0	49
52	On the Initial Enhancement of Energetic Electrons and the Innermost Plasmapause Locations: Coronal Mass Ejection-Driven Storm Periods. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9252-9264.	2.4	20
53	An Empirical Model of Radiation Belt Electron Pitch Angle Distributions Based On Van Allen Probes Measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3493-3511.	2.4	41
54	Observations of Impulsive Electric Fields Induced by Interplanetary Shock. <i>Geophysical Research Letters</i> , 2018, 45, 7287-7296.	4.0	16

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55	Direct writing of silver nanowire electrodes via dragging mode electrohydrodynamic jet printing for organic thin film transistors. <i>Organic Electronics</i> , 2018, 62, 357-365.	2.6	33
56	High resolution patterning of Ag nanowire flexible transparent electrode via electrohydrodynamic jet printing of acrylic polymer-silicate nanoparticle composite overcoating layer. <i>Organic Electronics</i> , 2018, 62, 400-406.	2.6	37
57	On the relation between radiation belt electrons and solar wind parameters/geomagnetic indices: Dependence on the first adiabatic invariant and $\langle v \rangle$ . <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1624-1642.	2.4	38
58	The role of the convection electric field in filling the slot region between the inner and outer radiation belts. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2051-2068.	2.4	25
59	Effect of carbon nanotube addition on mechanical reliability of Ag nanowire network. <i>Materials Letters</i> , 2017, 198, 202-205.	2.6	10
60	Facile method for enhancing conductivity of printed carbon nanotubes electrode via simple rinsing process. <i>Organic Electronics</i> , 2017, 47, 174-180.	2.6	9
61	Radiation belt electron dynamics at low $L$ (<math>L < 4</math>): Van Allen Probes era versus previous two solar cycles. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5224-5234.	2.4	33
62	On the relationship between electron flux oscillations and ULF wave-driven radial transport. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9306-9319.	2.4	23
63	Roles of whistler mode waves and magnetosonic waves in changing the outer radiation belt and the slot region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5431-5448.	2.4	47
64	Simultaneous event-specific estimates of transport, loss, and source rates for relativistic outer radiation belt electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3354-3373.	2.4	18
65	Propagation characteristics of plasmaspheric hiss: Van Allen Probe observations and global empirical models. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4156-4167.	2.4	43
66	Detailed characteristics of radiation belt electrons revealed by CSSWE/REPTile measurements: Geomagnetic activity response and precipitation observation. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8434-8445.	2.4	16
67	Measurement of electrons from albedo neutron decay and neutron density in near-Earth space. <i>Nature</i> , 2017, 552, 382-385.	27.8	50
68	The Rapid Responses of Magnetosonic Waves to the Compression and Expansion of Earth's Magnetosphere. <i>Geophysical Research Letters</i> , 2017, 44, 11,239.	4.0	18
69	Van Allen Probes Measurements of Energetic Particle Deep Penetration Into the Low $L$ Region ( $L < 4$ ) During the Storm on 8 April 2016. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,140.	2.4	22
70	Geomagnetic activity and local time dependence of the distribution of ultra low-frequency wave power in azimuthal wavenumbers, $m$ . <i>Annales Geophysicae</i> , 2017, 35, 629-638.	1.6	11
71	Understanding the Mechanisms of Radiation Belt Dropouts Observed by Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9858-9879.	2.4	83
72	Multi-satellite simultaneous observations of magnetopause and atmospheric losses of radiation belt electrons during an intense solar wind dynamic pressure pulse. <i>Annales Geophysicae</i> , 2016, 34, 493-509.	1.6	26

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73	Calculating ultra-low-frequency wave power of the compressional magnetic field vs. $\omega$ and time: multi-spacecraft analysis using the Van Allen probes, THEMIS and GOES. <i>Annales Geophysicae</i> , 2016, 34, 565-571.	1.6	7
74	Compression-amplified EMIC waves and their effects on relativistic electrons. <i>Physics of Plasmas</i> , 2016, 23, .	1.9	24
75	Ring current electron dynamics during geomagnetic storms based on the Van Allen Probes measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3333-3346.	2.4	52
76	Occurrence characteristics of outer zone relativistic electron butterfly distribution: A survey of Van Allen Probes REPT measurements. <i>Geophysical Research Letters</i> , 2016, 43, 5644-5652.	4.0	32
77	Inward diffusion and loss of radiation belt protons. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 1969-1978.	2.4	26
78	Miniature X-Ray Solar Spectrometer: A Science-Oriented, University 3U CubeSat. <i>Journal of Spacecraft and Rockets</i> , 2016, 53, 328-339.	1.9	46
79	Highly relativistic radiation belt electron acceleration, transport, and loss: Large solar storm events of March and June 2015. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6647-6660.	2.4	93
80	Prompt acceleration of magnetospheric electrons to ultrarelativistic energies by the 17 March 2015 interplanetary shock. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7622-7635.	2.4	68
81	Large-amplitude electric fields in the inner magnetosphere: Van Allen Probes observations of subauroral polarization streams. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5294-5306.	2.4	32
82	Effects of ULF waves on local and global energetic particles: Particle energy and species dependences. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,007.	2.4	11
83	Prompt injections of highly relativistic electrons induced by interplanetary shocks: A statistical study of Van Allen Probes observations. <i>Geophysical Research Letters</i> , 2016, 43, 12,317.	4.0	32
84	On the calculation of electric diffusion coefficient of radiation belt electrons with in situ electric field measurements by THEMIS. <i>Geophysical Research Letters</i> , 2016, 43, 1023-1030.	4.0	90
85	Observations of the impenetrable barrier, the plasmopause, and the VLF bubble during the 17 March 2015 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 5537-5548.	2.4	59
86	Variability of the pitch angle distribution of radiation belt ultrarelativistic electrons during and following intense geomagnetic storms: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 4863-4876.	2.4	43
87	Source and seed populations for relativistic electrons: Their roles in radiation belt changes. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7240-7254.	2.4	215
88	Near-Earth injection of MeV electrons associated with intense dipolarization electric fields: Van Allen Probes observations. <i>Geophysical Research Letters</i> , 2015, 42, 6170-6179.	4.0	62
89	Dynamic plasmopause model based on THEMIS measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 10,543.	2.4	50
90	The evolution of ring current ion energy density and energy content during geomagnetic storms based on Van Allen Probes measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7493-7511.	2.4	70

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91	Evolution of the storm magnetic field disturbance around Earth's surface and the associated ring current as deduced from multiple ground observatories. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 564-580.	2.4	6
92	The <i>Dst</i> index underestimates the solar cycle variation of geomagnetic activity. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5603-5607.	2.4	21
93	Observations of coincident EMIC wave activity and duskside energetic electron precipitation on 18â€“19 January 2013. <i>Geophysical Research Letters</i> , 2015, 42, 5727-5735.	4.0	102
94	Rapid MeV electron precipitation as observed by SAMPEX/HILT during high-speed stream-driven storms. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 3783-3794.	2.4	70
95	Relativistic electron response to the combined magnetospheric impact of a coronal mass ejection overlapping with a high-speed stream: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7629-7641.	2.4	17
96	New technique to calculate electron Alfvén layer and its application in interpreting geosynchronous access of PS energetic electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1675-1683.	2.4	12
97	Upper limit on the inner radiation belt MeV electron intensity. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1215-1228.	2.4	77
98	Evolution of relativistic outer belt electrons during an extended quiescent period. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9558-9566.	2.4	28
99	Observations of the inner radiation belt: CRAND and trapped solar protons. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 6541-6552.	2.4	50
100	Characteristics of pitch angle distributions of hundreds of keV electrons in the slot region and inner radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9543-9557.	2.4	41
101	THEMIS measurements of quasi-static electric fields in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 9939-9951.	2.4	29
102	An impenetrable barrier to ultrarelativistic electrons in the Van Allen radiation belts. <i>Nature</i> , 2014, 515, 531-534.	27.8	159
103	One year of on-orbit performance of the Colorado Student Space Weather Experiment (CSSWE). , 2014, , .		1
104	Design and scientific return of a miniaturized particle telescope onboard the Colorado Student Space Weather Experiment (CSSWE) CubeSat. , 2014, , .		6
105	A nonstorm time enhancement of relativistic electrons in the outer radiation belt. <i>Geophysical Research Letters</i> , 2014, 41, 7-12.	4.0	47
106	Peculiar pitch angle distribution of relativistic electrons in the inner radiation belt and slot region. <i>Geophysical Research Letters</i> , 2014, 41, 2250-2257.	4.0	53
107	Gradual diffusion and punctuated phase space density enhancements of highly relativistic electrons: Van Allen Probes observations. <i>Geophysical Research Letters</i> , 2014, 41, 1351-1358.	4.0	127
108	Simulation of the 23 July 2012 extreme space weather event: What if this extremely rare CME was Earth directed?. <i>Space Weather</i> , 2013, 11, 671-679.	3.7	87

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109	Electron Phasespace Density Analysis Based on Test-Particle Simulations of Magnetospheric Compression Events. Geophysical Monograph Series, 2013, , 205-214.	0.1	1
110	Modeling energetic electron penetration into the slot region and inner radiation belt. Journal of Geophysical Research: Space Physics, 2013, 118, 6936-6945.	2.4	52
111	Mode number calculations of ULF fieldâ€line resonances using ground magnetometers and THEMIS measurements. Journal of Geophysical Research: Space Physics, 2013, 118, 6986-6997.	2.4	24
112	Rapid loss of the plasma sheet energetic electrons associated with the growth of whistler mode waves inside the bursty bulk flows. Journal of Geophysical Research: Space Physics, 2013, 118, 7200-7210.	2.4	22
113	Science Goals and Overview of the Radiation Belt Storm Probes (RBSP) Energetic Particle, Composition, and Thermal Plasma (ECT) Suite on NASAâ€™s Van Allen Probes Mission. Space Science Reviews, 2013, 179, 311-336.	8.1	463
114	The Electric Field and Waves Instruments on the Radiation Belt Storm Probes Mission. Space Science Reviews, 2013, 179, 183-220.	8.1	421
115	A Long-Lived Relativistic Electron Storage Ring Embedded in Earthâ€™s Outer Van Allen Belt. Science, 2013, 340, 186-190.	12.6	216
116	Inward shift of outer radiation belt electrons as a function of <i>Dst</i> index and the influence of the solar wind on electron injections into the slot region. Journal of Geophysical Research: Space Physics, 2013, 118, 756-764.	2.4	50
117	Poloidal ULF wave observed in the plasmasphere boundary layer. Journal of Geophysical Research: Space Physics, 2013, 118, 4298-4307.	2.4	74
118	Small Mission Accomplished by Studentsâ€™Big Impact on Space Weather Research. Space Weather, 2013, 11, 55-56.	3.7	19
119	The Relativistic Electron-Proton Telescope (REPT) Instrument on Board the Radiation Belt Storm Probes (RBSP) Spacecraft: Characterization of Earthâ€™s Radiation Belt High-Energy Particle Populations. Space Science Reviews, 2013, 179, 337-381.	8.1	334
120	First results from CSSWE CubeSat: Characteristics of relativistic electrons in the nearâ€Earth environment during the October 2012 magnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 6489-6499.	2.4	65
121	James Van Allen and His Namesake <sc>NASA</sc> Mission. Eos, 2013, 94, 469-470.	0.1	4
122	Joint responses of geosynchronous magnetic field and relativistic electrons to external changes in solar wind dynamic pressure and interplanetary magnetic field. Journal of Geophysical Research: Space Physics, 2013, 118, 1472-1482.	2.4	29
123	New conjunctive CubeSat and balloon measurements to quantify rapid energetic electron precipitation. Geophysical Research Letters, 2013, 40, 5833-5837.	4.0	43
124	A major solar eruptive event in July 2012: Defining extreme space weather scenarios. Space Weather, 2013, 11, 585-591.	3.7	189
125	Prediction of the <i>AU</i> , <i>AL</i> , and <i>AE</i> indices using solar wind parameters. Journal of Geophysical Research: Space Physics, 2013, 118, 7683-7694.	2.4	36
126	Science Goals and Overview of the Radiation Belt Storm Probes (RBSP) Energetic Particle, Composition, and Thermal Plasma (ECT) Suite on NASAâ€™s Van Allen Probes Mission. , 2013, , 311-336.		8

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127	Quantifying radial diffusion coefficients of radiation belt electrons based on global MHD simulation and spacecraft measurements. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	62
128	A parametric study of the source rate for outer radiation belt electrons using a Kalman filter. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
129	Comparison of energetic electron flux and phase space density in the magnetosheath and in the magnetosphere. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	3
130	Tailward leap of multiple expansions of the plasma sheet during a moderately intense substorm: THEMIS observations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	8
131	The Relativistic Electron-Proton Telescope (REPT) Instrument on Board the Radiation Belt Storm Probes (RBSP) Spacecraft: Characterization of Earth's Radiation Belt High-Energy Particle Populations. , 2012, , 337-381.		31
132	Using spacecraft measurements ahead of Earth in the Parker spiral to improve terrestrial space weather forecasts. <i>Space Weather</i> , 2011, 9, .	3.7	12
133	An improved forecast system for relativistic electrons at geosynchronous orbit. <i>Space Weather</i> , 2011, 9, .	3.7	9
134	Spatial structure and temporal evolution of a dayside poloidal ULF wave event. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	17
135	Adiabatic effects on radiation belt electrons at low altitude. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	10
136	Multiple responses of magnetotail to the enhancement and fluctuation of solar wind dynamic pressure and the southward turning of interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	25
137	Behavior of MeV electrons at geosynchronous orbit during last two solar cycles. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	66
138	Small Space Weather Research Mission Designed Fully by Students. <i>Space Weather</i> , 2011, 9, n/a-n/a.	3.7	5
139	On energetic electrons (>38 keV) in the central plasma sheet: Data analysis and modeling. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	12
140	On phase space density radial gradients of Earth's outer belt electrons prior to sudden solar wind pressure enhancements: Results from distinctive events and a superposed epoch analysis. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	38
141	Quantification of the precipitation loss of radiation belt electrons observed by SAMPEX. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	61
142	THEMIS observations of the spatial extent and pressure pulse excitation of field line resonances. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	36
143	Solar wind influence on Pc4 and Pc5 ULF wave activity in the inner magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	46
144	Cluster observations of energetic electron flux variations within the plasma sheet. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	6

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145	Electric and magnetic field observations of Pc4 and Pc5 pulsations in the inner magnetosphere: A statistical study. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	79
146	Statistical roles of storms and substorms in changing the entire outer zone relativistic electron population. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	52
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