

Geoff D Reeves

List of Publications by Year in descending order

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557
papers

25,676
citations

5876

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14156

128
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584
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docs citations

584
times ranked

3921
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, .	1.5	6
2	Normal and Reversed Boomerang Stripes on Electron Pitch Angle Distributions: Solar Wind Dynamic Pressure Effect. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
3	Science Goals and Mission Architecture of the Europa Lander Mission Concept. <i>Planetary Science Journal</i> , 2022, 3, 22.	1.5	42
4	Flux Enhancements of Field-Aligned Low-Energy O ⁺ Ion (FALEO) in the Inner Magnetosphere: A Possible Source of Warm Plasma Cloak and Oxygen Torus. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
5	Auroral Beads in Conjunction With Kinetic Alfvén Waves in the Equatorial Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
6	Collaborative Research Activities of the Arase and Van Allen Probes. <i>Space Science Reviews</i> , 2022, 218, .	3.7	10
7	Observations of Electron Fluxes in the Radiation Belts with PROBA-V/EPT at Polar Low Earth Orbit and Van Allen Probes/MagEIS at Near Equatorial Elliptical Orbit. , 2022, , .		0
8	Scattering by whistler-mode waves during a quiet period perturbed by substorm activity. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 215, 105471.	0.6	10
9	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, .	0.8	7
10	Multipoint Observations of Quasiperiodic Emission Intensification and Effects on Energetic Electron Precipitation. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028484.	0.8	4
11	Investigation of Small-Scale Electron Density Irregularities Observed by the Arase and Van Allen Probes Satellites Inside and Outside the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA027917.	0.8	10
12	Multi-Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Non-Stormtime Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029081.	0.8	7
13	RBSP-ECT Combined Pitch Angle Resolved Electron Flux Data Product. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028637.	0.8	11
14	Observations of Density Cavities and Associated Warm Ion Flux Enhancements in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028326.	0.8	3
15	Radiation Belt Response to Fast Reverse Shock at Geosynchronous Orbit. <i>Astrophysical Journal</i> , 2021, 910, 154.	1.6	3
16	Van Allen Probe Observations of Disappearance, Recovery and Patchiness of Plasmaspheric Hiss Following Two Consecutive Interplanetary Shocks: First Results. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028873.	0.8	3
17	Evidence of Alfvénic Poynting Flux as the Primary Driver of Auroral Motion During a Geomagnetic Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029019.	0.8	6
18	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

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19	Magnetospheric Multiscale Observations of the Source Region of Energetic Electron Microinjections Along the Duskside, High-Latitude Magnetopause Boundary Layer. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092466.	1.5	9
20	The effects of the location and the timing of local convection electric field enhancements in the formation of ion multiple-nose structures. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 216, 105534.	0.6	2
21	Simultaneous Observation of Two Isolated Proton Auroras at Subauroral Latitudes by a Highly Sensitive All-Sky Camera and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029078.	0.8	7
22	Origin of Electron Boomerang Stripes: Statistical Study. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093377.	1.5	6
23	Global Survey of Electron Precipitation due to Hiss Waves in the Earth's Plasmasphere and Plumes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029644.	0.8	23
24	Can Earth's Magnetotail Plasma Sheet Produce a Source of Relativistic Electrons for the Radiation Belts?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095495.	1.5	11
25	Driving Parameters for Multi-MeV Electrons Flux Variations in Outer Radiation Belt. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029625.	0.8	1
26	The Magnetic Electron Ion Spectrometer: A Review of On-Orbit Sensor Performance, Data, Operations, and Science. <i>Space Science Reviews</i> , 2021, 217, 80.	3.7	18
27	Links of the Plasmopause With Other Boundary Layers of the Magnetosphere: Ionospheric Convection, Radiation Belt Boundaries, Auroral Oval. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	7
28	Relativistic Electron Model in the Outer Radiation Belt Using a Neural Network Approach. <i>Space Weather</i> , 2021, 19, e2021SW002808.	1.3	27
29	Multipoint Measurement of Fine-Structured EMIC Waves by Arase, Van Allen Probe A and Ground Stations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096488.	1.5	7
30	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
31	Association Between EMIC Wave Occurrence and Enhanced Convection Periods During Ion Injections. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085676.	1.5	12
32	Very-Low-Frequency transmitters bifurcate energetic electron belt in near-earth space. <i>Nature Communications</i> , 2020, 11, 4847.	5.8	35
33	Origin of Electron Boomerang Stripes: Localized ULF Wave-Particle Interactions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087960.	1.5	13
34	Global Survey of Plasma Sheet Electron Precipitation due to Whistler Mode Chorus Waves in Earth's Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088798.	1.5	28
35	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
36	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

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37	Why Are There so Few Reports of High-Energy Electron Drift Resonances? Role of Radial Phase Space Density Gradients. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027924.	0.8	8
38	Defining Radiation Belt Enhancement Events Based on Probability Distributions. <i>Space Weather</i> , 2020, 18, e2020SW002528.	1.3	4
39	Dynamic Properties of Particle Injections Inside Geosynchronous Orbit: A Multisatellite Case Study. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028215.	0.8	4
40	Correlations Between Dispersive Alfvén Wave Activity, Electron Energization, and Ion Outflow in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088985.	1.5	18
41	Characteristics of Electron Precipitation During 40 Energetic Electron Injections Inferred via Subionospheric VLF Signal Propagation. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027233.	0.8	6
42	Medium Energy Electron Flux in Earth's Outer Radiation Belt (MERLIN): A Machine Learning Model. <i>Space Weather</i> , 2020, 18, e2020SW002532.	1.3	31
43	Simultaneous Observations of Localized and Global Drift Resonance. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088019.	1.5	12
44	The Beam Plasma Interactions Experiment: An Active Experiment Using Pulsed Electron Beams. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, .	1.1	13
45	Simultaneous Observations of Electromagnetic Ion Cyclotron (EMIC) Waves and Pitch Angle Scattering During a Van Allen Probes Conjunction. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027424.	0.8	10
46	Filamentary Currents and Alfvénic Vortices in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086318.	1.5	8
47	Determining Plasmaspheric Density From the Upper Hybrid Resonance and From the Spacecraft Potential: How Do They Compare?. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, no.	0.8	10
48	Episodic Occurrence of Field-Aligned Energetic Ions on the Dayside. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086384.	1.5	9
49	Response to Comment on "Radiation-Belt Remediation Using Space-Based Antennas and Electron Beams" by G. Ganguli and C. Crabtree. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 604-607.	0.6	1
50	The Role of the Dynamic Plasmapause in Outer Radiation Belt Electron Flux Enhancement. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL086991.	1.5	3
51	Global ENA Imaging and In Situ Observations of Substorm Dipolarization on 10 August 2016. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027733.	0.8	2
52	Pitch Angle Dependence of Electron and Ion Flux Changes During Local Magnetic Dipolarization Inside Geosynchronous Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027543.	0.8	8
53	How whistler mode hiss waves and the plasmasphere drive the quiet decay of radiation belts electrons following a geomagnetic storm. <i>Journal of Physics: Conference Series</i> , 2020, 1623, 012005.	0.3	8
54	Oxygen torus and its coincidence with EMIC wave in the deep inner magnetosphere: Van Allen Probe B and Arase observations. <i>Earth, Planets and Space</i> , 2020, 72, 111.	0.9	17

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55	Radiation-Belt Remediation Using Space-Based Antennas and Electron Beams. IEEE Transactions on Plasma Science, 2019, 47, 2045-2063.	0.6	23
56	Transport and Loss of Ring Current Electrons Inside Geosynchronous Orbit During the 17 March 2013 Storm. Journal of Geophysical Research: Space Physics, 2019, 124, 915-933.	0.8	11
57	Predicting Lower Band Chorus With Autoregressive-Moving Average Transfer Function (ARMAX) Models. Journal of Geophysical Research: Space Physics, 2019, 124, 5692-5708.	0.8	6
58	The Storm Time Development of Source Electrons and Chorus Wave Activity During CME- and CIR-Driven Storms. Journal of Geophysical Research: Space Physics, 2019, 124, 6438-6452.	0.8	14
59	Drift-Dispersed Flux Dropouts of Energetic Electrons Observed in Earth's Middle Magnetosphere by the Magnetospheric Multiscale (MMS) Mission. Geophysical Research Letters, 2019, 46, 3069-3078.	1.5	7
60	Utilizing the Heliophysics/Geospace System Observatory to Understand Particle Injections: Their Scale Sizes and Propagation Directions. Journal of Geophysical Research: Space Physics, 2019, 124, 5584-5609.	0.8	37
61	Dispersive Alfvén Wave Control of O ⁺ Ion Outflow and Energy Densities in the Inner Magnetosphere. Geophysical Research Letters, 2019, 46, 8597-8606.	1.5	23
62	Continental-Wide R1/R2 Current System and Ohmic Losses by Broad Dipolarization Injection Fronts. Journal of Geophysical Research: Space Physics, 2019, 124, 4064-4082.	0.8	5
63	The Storm-Time Ring Current Response to ICMEs and CIRs Using Van Allen Probe Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 9017-9039.	0.8	16
64	Oxygen Ion Dynamics in the Earth's Ring Current: Van Allen Probes Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 7786-7798.	0.8	34
65	Substorm-Ring Current Coupling: A Comparison of Isolated and Compound Substorms. Journal of Geophysical Research: Space Physics, 2019, 124, 6776-6791.	0.8	8
66	Comparison of Electron Loss Models in the Inner Magnetosphere During the 2013 St. Patrick's Day Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2019, 124, 7872-7888.	0.8	4
67	RBSP-ECT Combined Spin-Averaged Electron Flux Data Product. Journal of Geophysical Research: Space Physics, 2019, 124, 9124-9136.	0.8	34
68	Temperature Dependence of Plasmaspheric Ion Composition. Journal of Geophysical Research: Space Physics, 2019, 124, 6585-6595.	0.8	16
69	Plasmaspheric hiss waves generate a reversed energy spectrum of radiation belt electrons. Nature Physics, 2019, 15, 367-372.	6.5	66
70	Properties of Whistler Mode Waves in Earth's Plasmasphere and Plumes. Journal of Geophysical Research: Space Physics, 2019, 124, 1035-1051.	0.8	37
71	The Relationship Between EMIC Wave Properties and Proton Distributions Based on Van Allen Probes Observations. Geophysical Research Letters, 2019, 46, 4070-4078.	1.5	41
72	Ion Heating by Electromagnetic Ion Cyclotron Waves and Magnetosonic Waves in the Earth's Inner Magnetosphere. Geophysical Research Letters, 2019, 46, 6258-6267.	1.5	48

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73	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.	0.8	25
74	A Revised Look at Relativistic Electrons in the Earth's Inner Radiation Zone and Slot Region. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 934-951.	0.8	32
75	Signatures of substorm related overshielding electric field at equatorial latitudes under steady southward IMF Bz during main phase of magnetic storm. <i>Advances in Space Research</i> , 2019, 64, 1975-1988.	1.2	6
76	Quantification of Energetic Electron Precipitation Driven by Plume Whistler Mode Waves, Plasmaspheric Hiss, and Exohiss. <i>Geophysical Research Letters</i> , 2019, 46, 3615-3624.	1.5	37
77	Energetic Electron Precipitation: Multievent Analysis of Its Spatial Extent During EMIC Wave Activity. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2466-2483.	0.8	50
78	Global Scale ULF Waves Associated With SSC Accelerate Magnetospheric Ultrarelativistic Electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1525-1538.	0.8	48
79	PreMeV: New Predictive Model for Megaelectron Volt Electrons Inside Earth's Outer Radiation Belt. <i>Space Weather</i> , 2019, 17, 438-454.	1.3	24
80	Identifying STEVE's Magnetospheric Driver Using Conjugate Observations in the Magnetosphere and on the Ground. <i>Geophysical Research Letters</i> , 2019, 46, 12665-12674.	1.5	35
81	Comparison of Multiple and Logistic Regression Analyses of Relativistic Electron Flux Enhancement at Geosynchronous Orbit Following Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 10246-10256.	0.8	4
82	Parallel Acceleration of Suprathermal Electrons Caused by Whistler Mode Hiss Waves. <i>Geophysical Research Letters</i> , 2019, 46, 12675-12684.	1.5	16
83	Eastward Propagating Second Harmonic Poloidal Waves Triggered by Temporary Outward Gradient of Proton Phase Space Density: Van Allen Probe A Observation. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9904-9923.	0.8	19
84	The Response of Earth's Electron Radiation Belts to Geomagnetic Storms: Statistics From the Van Allen Probes Era Including Effects From Different Storm Drivers. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1013-1034.	0.8	84
85	Observations and Fokker-Planck Simulations of the $<i>L</i>$ -Shell, Energy, and Pitch Angle Structure of Earth's Electron Radiation Belts During Quiet Times. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1125-1142.	0.8	37
86	Quantitative Evaluation of Radial Diffusion and Local Acceleration Processes During GEM Challenge Events. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1938-1952.	0.8	86
87	Temporal Evolution of Ion Spectral Structures During a Geomagnetic Storm: Observations and Modeling. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 179-196.	0.8	12
88	Nonlinear Electrostatic Steepening of Whistler Waves: The Guiding Factors and Dynamics in Inhomogeneous Systems. <i>Geophysical Research Letters</i> , 2018, 45, 2168-2176.	1.5	27
89	The Global Statistical Response of the Outer Radiation Belt During Geomagnetic Storms. <i>Geophysical Research Letters</i> , 2018, 45, 3783-3792.	1.5	66
90	Radiation Belt "Dropouts" and Drift-Bounce Resonances in Broadband Electromagnetic Waves. <i>Geophysical Research Letters</i> , 2018, 45, 2128-2137.	1.5	14

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91	Comparing simulated and observed EMIC wave amplitudes using in situ Van Allen Probes™ measurements. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 177, 190-201.	0.6	11
92	Exohiss wave enhancement following substorm electron injection in the dayside magnetosphere. <i>Earth and Planetary Physics</i> , 2018, 2, 1-12.	0.4	9
93	Van Allen Probes observation of plasmaspheric hiss modulated by injected energetic electrons. <i>Annales Geophysicae</i> , 2018, 36, 781-791.	0.6	7
94	Multiscale Currents Observed by MMS in the Flow Braking Region. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 1260-1278.	0.8	32
95	Characteristics of storm time ion composition in the near-Earth plasma sheet using Geotail and RBSP measurements. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	1
96	Generation Process of Large-Amplitude Upper-Band Chorus Emissions Observed by Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3704-3713.	0.8	9
97	Energization of the Ring Current by Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8131-8148.	0.8	22
98	MMS, Van Allen Probes, GOES 13, and Ground-Based Magnetometer Observations of EMIC Wave Events Before, During, and After a Modest Interplanetary Shock. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8331-8357.	0.8	30
99	Diagnosis of ULF Wave-Particle Interactions With Megaelectron Volt Electrons: The Importance of Ultrahigh-Resolution Energy Channels. <i>Geophysical Research Letters</i> , 2018, 45, 10,883.	1.5	11
100	Pitch Angle Scattering and Loss of Radiation Belt Electrons in Broadband Electromagnetic Waves. <i>Geophysical Research Letters</i> , 2018, 45, 9344-9352.	1.5	21
101	A Distributed Lag Autoregressive Model of Geostationary Relativistic Electron Fluxes: Comparing the Influences of Waves, Seed and Source Electrons, and Solar Wind Inputs. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 3646-3671.	0.8	20
102	What Causes Radiation Belt Enhancements: A Survey of the Van Allen Probes Era. <i>Geophysical Research Letters</i> , 2018, 45, 5253-5259.	1.5	71
103	Observation of Oblique Lower Band Chorus Generated by Nonlinear Three-Wave Interaction. <i>Geophysical Research Letters</i> , 2018, 45, 6343-6352.	1.5	9
104	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.	0.8	41
105	The Composition of Plasma inside Geostationary Orbit Based on Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 6478-6493.	0.8	47
106	The Ionospheric Impact of an ICME-Driven Sheath Region Over Indian and American Sectors in the Absence of a Typical Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4298-4308.	0.8	8
107	Understanding the Driver of Energetic Electron Precipitation Using Coordinated Multisatellite Measurements. <i>Geophysical Research Letters</i> , 2018, 45, 6755-6765.	1.5	29
108	Ion Injection Triggered EMIC Waves in the Earth's Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4921-4938.	0.8	40

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109	Nonlinear and Synergistic Effects of ULF Pc5, VLF Chorus, and EMIC Waves on Relativistic Electron Flux at Geosynchronous Orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4755-4766.	0.8	21
110	Untangling the Solar Wind Drivers of the Radiation Belt: An Information Theoretical Approach. , 2018, , 149-175.		3
111	Artificial Neural Networks for Determining Magnetospheric Conditions. , 2018, , 279-300.		24
112	Rapid Enhancements of the Seed Populations in the Heart of the Earth's Outer Radiation Belt: A Multicase Study. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4895-4907.	0.8	15
113	Transitional behavior of different energy protons based on Van Allen Probes observations. <i>Geophysical Research Letters</i> , 2017, 44, 625-633.	1.5	20
114	On the origin of low-energy electrons in the inner magnetosphere: Fluxes and pitch-angle distributions. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1789-1802.	0.8	13
115	Energetic Particle Data From the Global Positioning System Constellation. <i>Space Weather</i> , 2017, 15, 283-289.	1.3	46
116	Generation of extremely low frequency chorus in Van Allen radiation belts. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3201-3211.	0.8	23
117	Role of IMF B_y in the prompt electric field disturbances over equatorial ionosphere during a space weather event. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2574-2588.	0.8	17
118	Location of intense electromagnetic ion cyclotron (EMIC) wave events relative to the plasmopause: Van Allen Probes observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4064-4088.	0.8	45
119	A positive correlation between energetic electron butterfly distributions and magnetosonic waves in the radiation belt slot region. <i>Geophysical Research Letters</i> , 2017, 44, 3980-3990.	1.5	27
120	Simultaneous disappearances of plasmaspheric hiss, exohiss, and chorus waves triggered by a sudden decrease in solar wind dynamic pressure. <i>Geophysical Research Letters</i> , 2017, 44, 52-61.	1.5	31
121	Radiation belt seed population and its association with the relativistic electron dynamics: A statistical study. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5261-5276.	0.8	18
122	Electron-acoustic solitons and double layers in the inner magnetosphere. <i>Geophysical Research Letters</i> , 2017, 44, 4575-4583.	1.5	62
123	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.	0.8	47
124	Contribution of storm time substorms to the prompt electric field disturbances in the equatorial ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5568-5578.	0.8	15
125	Effects of whistler mode hiss waves in March 2013. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 7433-7462.	0.8	50
126	A multispacecraft event study of Pc5 ultralow-frequency waves in the magnetosphere and their external drivers. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 5132-5147.	0.8	24

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127	The hidden dynamics of relativistic electrons (0.7–1.5 MeV) in the inner zone and slot region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3127-3144.	0.8	38
128	Cross-scale observations of the 2015 St. Patrick's day storm: THEMIS, Van Allen Probes, and TWINS. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 368-392.	0.8	25
129	Investigating the source of near-relativistic and relativistic electrons in Earth's inner radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 695-710.	0.8	48
130	Relativistic Electron Increase During Chorus Wave Activities on the 6-8 March 2016 Geomagnetic Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,302-11,319.	0.8	5
131	Multipoint Observations of Energetic Particle Injections and Substorm Activity During a Conjunction Between Magnetospheric Multiscale (MMS) and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,481.	0.8	42
132	The Evolution of the Plasma Sheet Ion Composition: Storms and Recoveries. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,040.	0.8	12
133	Diffusive Transport of Several Hundred keV Electrons in the Earth's Slot Region. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,235.	0.8	15
134	Shock-Induced Disappearance and Subsequent Recovery of Plasmaspheric Hiss: Coordinated Observations of RBSP, THEMIS, and POES Satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,421.	0.8	19
135	Systematic Evaluation of Low-Frequency Hiss and Energetic Electron Injections. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,263-10,274.	0.8	25
136	Multiple-Satellite Observation of Magnetic Dip Event During the Substorm on 10 October 2013. <i>Geophysical Research Letters</i> , 2017, 44, 9167-9175.	1.5	25
137	The Warm Plasma Composition in the Inner Magnetosphere During 2012–2015. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 11,018.	0.8	22
138	The Characteristic Pitch Angle Distributions of 1–600 keV Protons Near the Equator Based On Van Allen Probes Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9464-9473.	0.8	33
139	Roles of hot electrons in generating upper-hybrid waves in the earth's radiation belt. <i>Physics of Plasmas</i> , 2017, 24, 062904.	0.7	11
140	Radial transport of radiation belt electrons in kinetic field-line resonances. <i>Geophysical Research Letters</i> , 2017, 44, 8140-8148.	1.5	18
141	Structure/property relationships in branched oligogermanes. Preparation of (Me ₃ Ge) ₃ GePh, (Me ₂ Bu) ₂ GePh, and electrochemical methods. <i>Journal of Organometallic Chemistry</i> , 2017, 848, 104-113.	0.8	8
142	The effects of magnetospheric processes on relativistic electron dynamics in the Earth's outer radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9952-9968.	0.8	18
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