

# Seth Claudepierre

## List of Publications by Year in descending order

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137  
papers

7,733  
citations

53794

45  
h-index

56724

83  
g-index

148  
all docs

148  
docs citations

148  
times ranked

2047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid local acceleration of relativistic radiation-belt electrons by magnetospheric chorus. <i>Nature</i> , 2013, 504, 411-414.	27.8	608
2	The Magnetic Electron Ion Spectrometer (MagEIS) Instruments Aboard the Radiation Belt Storm Probes (RBSP) Spacecraft. <i>Space Science Reviews</i> , 2013, 179, 383-421.	8.1	491
3	Electron Acceleration in the Heart of the Van Allen Radiation Belts. <i>Science</i> , 2013, 341, 991-994.	12.6	463
4	Science Goals and Overview of the Radiation Belt Storm Probes (RBSP) Energetic Particle, Composition, and Thermal Plasma (ECT) Suite on NASA's Van Allen Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 311-336.	8.1	463
5	A Long-Lived Relativistic Electron Storage Ring Embedded in Earth's Outer Van Allen Belt. <i>Science</i> , 2013, 340, 186-190.	12.6	216
6	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
7	Solar wind driving of magnetospheric ULF waves: Pulsations driven by velocity shear at the magnetopause. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	183
8	Radiation belt electron acceleration by chorus waves during the 17 March 2013 storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4681-4693.	2.4	182
9	Energy-dependent dynamics of keV to MeV electrons in the inner zone, outer zone, and slot regions. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 397-412.	2.4	152
10	Excitation of poloidal standing Alfvén waves through drift resonance wave-particle interaction. <i>Geophysical Research Letters</i> , 2013, 40, 4127-4132.	4.0	134
11	Van Allen Probes observation of localized drift resonance between poloidal mode ultra-low frequency waves and 60 keV electrons. <i>Geophysical Research Letters</i> , 2013, 40, 4491-4497.	4.0	127
12	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
13	An unusual enhancement of low-frequency plasmaspheric hiss in the outer plasmasphere associated with substorm-injected electrons. <i>Geophysical Research Letters</i> , 2013, 40, 3798-3803.	4.0	120
14	Energetic electron injections deep into the inner magnetosphere associated with substorm activity. <i>Geophysical Research Letters</i> , 2015, 42, 2079-2087.	4.0	112
15	On the cause and extent of outer radiation belt losses during the 30 September 2012 dropout event. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1530-1540.	2.4	110
16	Resonant scattering of energetic electrons by unusual low-frequency hiss. <i>Geophysical Research Letters</i> , 2014, 41, 1854-1861.	4.0	110
17	Van Allen Probes show that the inner radiation zone contains no MeV electrons: ECT/MagEIS data. <i>Geophysical Research Letters</i> , 2015, 42, 1283-1289.	4.0	109
18	Quantifying the radiation belt seed population in the 17 March 2013 electron acceleration event. <i>Geophysical Research Letters</i> , 2014, 41, 2275-2281.	4.0	107

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19	Discovery of the action of a geophysical synchrotron in the Earth's Van Allen radiation belts. <i>Nature Communications</i> , 2013, 4, .	12.8	104
20	Competing source and loss mechanisms due to wave-particle interactions in Earth's outer radiation belt during the 30 September to 3 October 2012 geomagnetic storm. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1960-1979.	2.4	103
21	Explaining the dynamics of the ultra-relativistic third Van Allen radiation belt. <i>Nature Physics</i> , 2016, 12, 978-983.	16.7	97
22	Solar wind driving of magnetospheric ULF waves: Field line resonances driven by dynamic pressure fluctuations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	94
23	Unraveling the drivers of the storm time radiation belt response. <i>Geophysical Research Letters</i> , 2015, 42, 3076-3084.	4.0	90
24	Prompt energization of relativistic and highly relativistic electrons during a substorm interval: Van Allen Probes observations. <i>Geophysical Research Letters</i> , 2014, 41, 20-25.	4.0	88
25	Modeling inward diffusion and slow decay of energetic electrons in the Earth's outer radiation belt. <i>Geophysical Research Letters</i> , 2015, 42, 987-995.	4.0	87
26	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.	2.4	86
27	Van Allen Probes observations of prompt MeV radiation belt electron acceleration in nonlinear interactions with VLF chorus. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 324-339.	2.4	85
28	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.	2.4	84
29	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
30	A background correction algorithm for Van Allen Probes MagEIS electron flux measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 5703-5727.	2.4	78
31	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
32	The effects of geomagnetic storms on electrons in Earth's radiation belts. <i>Geophysical Research Letters</i> , 2015, 42, 9176-9184.	4.0	67
33	The Global Statistical Response of the Outer Radiation Belt During Geomagnetic Storms. <i>Geophysical Research Letters</i> , 2018, 45, 3783-3792.	4.0	66
34	Plasmaspheric hiss waves generate a reversed energy spectrum of radiation belt electrons. <i>Nature Physics</i> , 2019, 15, 367-372.	16.7	66
35	Magnetospheric cavity modes driven by solar wind dynamic pressure fluctuations. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	63
36	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

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37	Kelvinâ€Helmholtz instability of the magnetospheric boundary in a threeâ€dimensional global MHD simulation during northward IMF conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5478-5496.	2.4	55
38	Characteristic energy range of electron scattering due to plasmaspheric hiss. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,737.	2.4	54
39	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
40	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
41	Statistical properties of the radiation belt seed population. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7636-7646.	2.4	51
42	Statistical study of the storm time radiation belt evolution during Van Allen Probes era: CMEâ€versus CIRâ€driven storms. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 8327-8339.	2.4	50
43	Investigating the source of nearâ€relativistic and relativistic electrons in Earth's inner radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 695-710.	2.4	48
44	Globalâ€Scale ULF Waves Associated With SSC Accelerate Magnetospheric Ultrarelativistic Electrons. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1525-1538.	2.4	48
45	Modeling the Depletion and Recovery of the Outer Radiation Belt During a Geomagnetic Storm: Combined MHD and Test Particle Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 5590-5609.	2.4	47
46	Global storm time depletion of the outer electron belt. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 2543-2556.	2.4	45
47	Empirically Estimated Electron Lifetimes in the Earth's Radiation Belts: Comparison With Theory. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086056.	4.0	44
48	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.	2.4	42
49	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
50	Van Allen Probes Observations of Second Harmonic Poloidal Standing AlfvÃ©n Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 611-637.	2.4	41
51	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
52	Imprints of impulseâ€excited hydromagnetic waves on electrons in the Van Allen radiation belts. <i>Geophysical Research Letters</i> , 2015, 42, 6199-6204.	4.0	40
53	Global MHD modeling of resonant ULF waves: Simulations with and without a plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 227-244.	2.4	40
54	Evidence for injection of relativistic electrons into the Earth's outer radiation belt via intense substorm electric fields. <i>Geophysical Research Letters</i> , 2014, 41, 1133-1141.	4.0	39

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55	Second harmonic poloidal waves observed by Van Allen Probes in the dusk-midnight sector. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 3013-3039.	2.4	39
56	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.	2.4	38
57	REPAD: An empirical model of pitch angle distributions for energetic electrons in the Earth's outer radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1693-1708.	2.4	37
58	Properties of Whistler Mode Waves in Earth's Plasmasphere and Plumes. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1035-1051.	2.4	37
59	The role of ring current particle injections: Global simulations and Van Allen Probes observations during 17 March 2013 storm. <i>Geophysical Research Letters</i> , 2014, 41, 1126-1132.	4.0	36
60	Quantifying hiss-driven energetic electron precipitation: A detailed conjunction event analysis. <i>Geophysical Research Letters</i> , 2014, 41, 1085-1092.	4.0	36
61	Modulation of chorus intensity by ULF waves deep in the inner magnetosphere. <i>Geophysical Research Letters</i> , 2016, 43, 9444-9452.	4.0	36
62	Very-Low-Frequency transmitters bifurcate energetic electron belt in near-earth space. <i>Nature Communications</i> , 2020, 11, 4847.	12.8	35
63	RBSP-ECT Combined Spin-Averaged Electron Flux Data Product. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9124-9136.	2.4	34
64	Electron butterfly distribution modulation by magnetosonic waves. <i>Geophysical Research Letters</i> , 2016, 43, 3051-3059.	4.0	33
65	Empirically Estimated Electron Lifetimes in the Earth's Radiation Belts: Van Allen Probe Observations. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086053.	4.0	33
66	Van Allen Probes observations of direct wave-particle interactions. <i>Geophysical Research Letters</i> , 2014, 41, 1869-1875.	4.0	32
67	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.	2.4	32
68	Explaining the apparent impenetrable barrier to ultra-relativistic electrons in the outer Van Allen belt. <i>Nature Communications</i> , 2018, 9, 1844.	12.8	30
69	Rapid Outer Radiation Belt Flux Dropouts and Fast Acceleration During the March 2015 and 2013 Storms: The Role of Ultra-Low Frequency Wave Transport From a Dynamic Outer Boundary. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027179.	2.4	30
70	Kinetic Alfvén waves and particle response associated with a shock-induced, global ULF perturbation of the terrestrial magnetosphere. <i>Geophysical Research Letters</i> , 2015, 42, 9203-9212.	4.0	29
71	The Outer Radiation Belt Response to the Storm Time Development of Seed Electrons and Chorus Wave Activity During CME and CIR Driven Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 10,139.	2.4	29
72	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.	4.0	28

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73	The Magnetic Electron Ion Spectrometer (MagEIS) Instruments Aboard the Radiation Belt Storm Probes (RBSP) Spacecraft. , 2013, , 383-421.		27
74	Electron Microburst Size Distribution Derived With AeroCube-6. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027651.	2.4	26
75	Systematic Evaluation of Low-Frequency Hiss and Energetic Electron Injections. Journal of Geophysical Research: Space Physics, 2017, 122, 10,263-10,274.	2.4	25
76	Rapid Loss of Relativistic Electrons by EMIC Waves in the Outer Radiation Belt Observed by Arase, Van Allen Probes, and the PWING Ground Stations. Geophysical Research Letters, 2018, 45, 12,720.	4.0	25
77	Characterization and Evolution of Radiation Belt Electron Energy Spectra Based on the Van Allen Probes Measurements. Journal of Geophysical Research: Space Physics, 2019, 124, 4217-4232.	2.4	25
78	Specifying High-Altitude Electrons Using Low-Altitude LEO Systems: The SHELLS Model. Space Weather, 2020, 18, e2019SW002402.	3.7	25
79	A multispacecraft event study of Pc5 ultralow-frequency waves in the magnetosphere and their external drivers. Journal of Geophysical Research: Space Physics, 2017, 122, 5132-5147.	2.4	24
80	Van Allen Probes Observation of a Fundamental Poloidal Standing Alfvén Wave Event Related to Giant Pulsations. Journal of Geophysical Research: Space Physics, 2018, 123, 4574-4593.	2.4	24
81	Determining the Mode, Frequency, and Azimuthal Wave Number of ULF Waves During a HSS and Moderate Geomagnetic Storm. Journal of Geophysical Research: Space Physics, 2018, 123, 6457-6477.	2.4	23
82	Global Survey of Electron Precipitation due to Hiss Waves in the Earth's Plasmasphere and Plumes. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029644.	2.4	23
83	Van Allen Probes Measurements of Energetic Particle Deep Penetration Into the Low L Region ( $L < 4$ ) During the Storm on 8 April 2016. Journal of Geophysical Research: Space Physics, 2017, 122, 12,140.	2.4	22
84	Dependence of the amplitude of Pc5-band magnetic field variations on the solar wind and solar activity. Journal of Geophysical Research, 2012, 117, .	3.3	21
85	The March 2015 Superstorm Revisited: Phase Space Density Profiles and Fast ULF Wave Diffusive Transport. Journal of Geophysical Research: Space Physics, 2019, 124, 1143-1156.	2.4	21
86	Evidence of Microbursts Observed Near the Equatorial Plane in the Outer Van Allen Radiation Belt. Geophysical Research Letters, 2018, 45, 8044-8053.	4.0	20
87	Nonlinear Drift Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. Geophysical Research Letters, 2018, 45, 8773-8782.	4.0	20
88	Examining Coherency Scales, Substructure, and Propagation of Whistler Mode Chorus Elements With Magnetospheric Multiscale (MMS). Journal of Geophysical Research: Space Physics, 2017, 122, 11,201.	2.4	18
89	Direct Evidence of the Pitch Angle Scattering of Relativistic Electrons Induced by EMIC Waves. Geophysical Research Letters, 2020, 47, e2019GL085637.	4.0	18
90	The Magnetic Electron Ion Spectrometer: A Review of On-Orbit Sensor Performance, Data, Operations, and Science. Space Science Reviews, 2021, 217, 80.	8.1	18

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91	Inner zone and slot electron radial diffusion revisited. <i>Geophysical Research Letters</i> , 2016, 43, 7301-7310.	4.0	16
92	Remote Detection of Drift Resonance Between Energetic Electrons and Ultralow Frequency Waves: Multisatellite Coordinated Observation by Arase and Van Allen Probes. <i>Geophysical Research Letters</i> , 2019, 46, 11642-11651.	4.0	16
93	Comparison of Van Allen Probes Energetic Electron Data With Corresponding GOESâ€15 Measurements: 2012â€“2018. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9924-9942.	2.4	16
94	Lifetimes of Relativistic Electrons as Determined From Plasmaspheric Hiss Scattering Rates Statistics: Effects of $\omega_{pe}/\omega_{ce}$ and Wave Frequency Dependence on Geomagnetic Activity. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088052.	4.0	16
95	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.	2.4	15
96	Reply to 'The dynamics of Van Allen belts revisited'. <i>Nature Physics</i> , 2018, 14, 103-104.	16.7	14
97	Contribution of ULF Wave Activity to the Global Recovery of the Outer Radiation Belt During the Passage of a High-speed Solar Wind Stream Observed in September 2014. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1660-1678.	2.4	14
98	Outer Van Allen Radiation Belt Response to Interacting Interplanetary Coronal Mass Ejections. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1927-1947.	2.4	14
99	Simulation of Prompt Acceleration of Radiation Belt Electrons During the 16 July 2017 Storm. <i>Geophysical Research Letters</i> , 2019, 46, 7222-7229.	4.0	13
100	Origin of Electron Boomerang Stripes: Localized ULF Waveâ€Particle Interactions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087960.	4.0	13
101	A Tale of Two Radiation Belts: The Energyâ€Dependence of Self-Limiting Electron Space Radiation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095779.	4.0	13
102	Modeling the Dynamic Variability of Sub-Relativistic Outer Radiation Belt Electron Fluxes Using Machine Learning. <i>Space Weather</i> , 2022, 20, .	3.7	13
103	Simultaneous Observations of Localized and Global Drift-Resonance. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088019.	4.0	12
104	An empirical model of ion plasma in the inner magnetosphere derived from CRRES/MICS measurements. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,780.	2.4	11
105	Diagnosis of ULF Waveâ€Particle Interactions With Megaelectron Volt Electrons: The Importance of Ultrahigh-Resolution Energy Channels. <i>Geophysical Research Letters</i> , 2018, 45, 10,883.	4.0	11
106	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
107	RBSPâ€ECT Combined Pitch Angle Resolved Electron Flux Data Product. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028637.	2.4	11
108	Can Earth's Magnetotail Plasma Sheet Produce a Source of Relativistic Electrons for the Radiation Belts?. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095495.	4.0	11

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109	An empirically observed pitch angle diffusion eigenmode in the Earth's electron belt near $L \approx 5.0$ . Geophysical Research Letters, 2014, 41, 251-258.	4.0	10
110	Multiharmonic Toroidal Standing Alfvén Waves in the Midnight Sector Observed During a Geomagnetically Quiet Period. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027370.	2.4	10
111	On the Similarity and Repeatability of Fast Radiation Belt Loss: Role of the Last Closed Drift Shell. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029957.	2.4	10
112	Collaborative Research Activities of the Arase and Van Allen Probes. Space Science Reviews, 2022, 218, .	8.1	10
113	Current energetic particle sensors. Journal of Geophysical Research: Space Physics, 2016, 121, 8840-8858.	2.4	9
114	Superposed Epoch Analysis of Dispersionless Particle Injections Inside Geosynchronous Orbit. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029546.	2.4	9
115	On the use of drift echoes to characterize on-orbit sensor discrepancies. Journal of Geophysical Research: Space Physics, 2015, 120, 2076-2087.	2.4	8
116	Why Are There so Few Reports of High-Energy Electron Drift Resonances? Role of Radial Phase Space Density Gradients. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027924.	2.4	8
117	Preliminary Statistical Comparisons of Spin-Averaged Electron Data From Arase and Van Allen Probes Instruments. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028929.	2.4	8
118	Science Goals and Overview of the Radiation Belt Storm Probes (RBSP) Energetic Particle, Composition, and Thermal Plasma (ECT) Suite on NASA's Van Allen Probes Mission. , 2013, , 311-336.		8
119	Pitch Angle Dependence of Electron and Ion Flux Changes During Local Magnetic Dipolarization Inside Geosynchronous Orbit. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027543.	2.4	8
120	Van Allen Probes observation of plasmaspheric hiss modulated by injected energetic electrons. Annales Geophysicae, 2018, 36, 781-791.	1.6	7
121	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.	2.4	6
122	Origin of Electron Boomerang Stripes: Statistical Study. Geophysical Research Letters, 2021, 48, e2021GL093377.	4.0	6
123	Internal Charging Hazards in Near-Earth Space During Solar Cycle 24 Maximum: Van Allen Probes Measurements. IEEE Transactions on Plasma Science, 2015, 43, 3070-3074.	1.3	4
124	Dynamic Properties of Particle Injections Inside Geosynchronous Orbit: A Multisatellite Case Study. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028215.	2.4	4
125	Observational Evidence of the Excitation of Magnetosonic Waves by an He <sup>++</sup> Ion Ring Distribution. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029532.	2.4	4
126	Electron Scattering by Very-Low-Frequency and Low-Frequency Waves From Ground Transmitters in the Earth's Inner Radiation Belt and Slot Region. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4



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127	Comparison of Long-Term Lightning Activity and Inner Radiation Belt Electron Flux Perturbations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027763.	2.4	3
128	Removing Orbital Variations From Low Altitude Particle Data: Method and Application. Space Weather, 2021, 19, e2020SW002638.	3.7	3
129	Van Allen Probe Observations of Disappearance, Recovery and Patchiness of Plasmaspheric Hiss Following Two Consecutive Interplanetary Shocks: First Results. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028873.	2.4	3
130	Normal and Reversed Boomerang Stripes on Electron Pitch Angle Distributions: Solar Wind Dynamic Pressure Effect. Geophysical Research Letters, 2022, 49, .	4.0	3
131	Statistical Characteristics of Energetic Electron Pitch Angle Distributions in the Van Allen Probe Era: 1. Butterfly Distributions With Flux Peaks at Preferred Pitch Angles. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	3
132	Characterization and Calibration of High-Energy Electron Instruments Onboard the Arase Satellite. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029110.	2.4	2
133	Modelling Inner Proton Belt Variability at Energies 1 to 10MeV using BAS-PRO. Journal of Geophysical Research: Space Physics, 0, , .	2.4	2
134	Correction to "Magnetospheric cavity modes driven by solar wind dynamic pressure fluctuations". Geophysical Research Letters, 2010, 37, .	4.0	0
135	Development of level 1b calibration and validation readiness, implementation and management plans for GOES-R. , 2017, , .		0
136	Global Radiation Belt Modeling: Combined MHD, Ring Current and Test-Particle Simulations. , 2018, , .		0
137	Propagation of Chorus Waves Generated in Minimum Pockets. Geophysical Research Letters, 2021, 48, e2021GL096478.	4.0	0