Seth Claudepierre

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/245649/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Normal―and Reversedâ€Boomerang Stripes on Electron Pitch Angle Distributions: Solar Wind Dynamic Pressure Effect. Geophysical Research Letters, 2022, 49, .	1.5	3
2	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, .	0.8	3
3	Electron Scattering by Veryâ€Lowâ€Frequency and Lowâ€Frequency Waves From Ground Transmitters in the Earth's Inner Radiation Belt and Slot Region. Journal of Geophysical Research: Space Physics, 2022, 127,	0.8	4
4	Modeling the Dynamic Variability of Subâ€Relativistic Outer Radiation Belt Electron Fluxes Using Machine Learning. Space Weather, 2022, 20, .	1.3	13
5	Collaborative Research Activities of the Arase and Van Allen Probes. Space Science Reviews, 2022, 218, .	3.7	10
6	Removing Orbital Variations From Low Altitude Particle Data: Method and Application. Space Weather, 2021, 19, e2020SW002638.	1.3	3
7	RBSPâ€ECT Combined Pitch Angle Resolved Electron Flux Data Product. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028637.	0.8	11
8	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.	0.8	3
9	Origin of Electron Boomerang Stripes: Statistical Study. Geophysical Research Letters, 2021, 48, e2021GL093377.	1.5	6
10	Characterization and Calibration of Highâ€Energy Electron Instruments Onboard the Arase Satellite. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029110.	0.8	2
11	Superposed Epoch Analysis of Dispersionless Particle Injections Inside Geosynchronous Orbit. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029546.	0.8	9
12	Preliminary Statistical Comparisons of Spinâ€Averaged Electron Data From Arase and Van Allen Probes Instruments. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028929.	0.8	8
13	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.	0.8	23
14	Observational Evidence of the Excitation of Magnetosonic Waves by an He ⁺⁺ Ion Ring Distribution. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029532.	0.8	4
15	Can Earth's Magnetotail Plasma Sheet Produce a Source of Relativistic Electrons for the Radiation Belts?. Geophysical Research Letters, 2021, 48, e2021GL095495.	1.5	11
16	A Tale of Two Radiation Belts: The Energyâ€Dependence of Selfâ€Limiting Electron Space Radiation. Geophysical Research Letters, 2021, 48, e2021GL095779.	1.5	13
17	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.	0.8	10
18	The Magnetic Electron Ion Spectrometer: A Review of On-Orbit Sensor Performance, Data, Operations, and Science. Space Science Reviews, 2021, 217, 80.	3.7	18

#	Article	IF	CITATIONS
19	Propagation of Chorus Waves Generated in Minimumâ€B Pockets. Geophysical Research Letters, 2021, 48, e2021GL096478.	1.5	0
20	Multiharmonic Toroidal Standing Alfvén Waves in the Midnight Sector Observed During a Geomagnetically Quiet Period. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027370.	0.8	10
21	Particle Dynamics in the Earth's Radiation Belts: Review of Current Research and Open Questions. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026735.	0.8	81
22	Very-Low-Frequency transmitters bifurcate energetic electron belt in near-earth space. Nature Communications, 2020, 11, 4847.	5.8	35
23	Origin of Electron Boomerang Stripes: Localized ULF Waveâ€Particle Interactions. Geophysical Research Letters, 2020, 47, e2020GL087960.	1.5	13
24	Global Survey of Plasma Sheet Electron Precipitation due to Whistler Mode Chorus Waves in Earth's Magnetosphere. Geophysical Research Letters, 2020, 47, e2020GL088798.	1.5	28
25	A Shortâ€lived Threeâ€Belt Structure for subâ€MeV Electrons in the Van Allen Belts: Time Scale and Energy Dependence. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028031.	0.8	6
26	Why Are There so Few Reports of Highâ€Energy Electron Drift Resonances? Role of Radial Phase Space Density Gradients. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027924.	0.8	8
27	Dynamic Properties of Particle Injections Inside Geosynchronous Orbit: A Multisatellite Case Study. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028215.	0.8	4
28	Specifying Highâ€Altitude Electrons Using Lowâ€Altitude LEO Systems: The SHELLS Model. Space Weather, 2020, 18, e2019SW002402.	1.3	25
29	Simulations of Electron Flux Oscillations as Observed by MagEIS in Response to Broadband ULF Waves. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA027798.	0.8	11
30	Simultaneous Observations of Localized and Global DriftÂResonance. Geophysical Research Letters, 2020, 47, e2020GL088019.	1.5	12
31	Electron Microburst Size Distribution Derived With AeroCubeâ€6. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027651.	0.8	26
32	Lifetimes of Relativistic Electrons as Determined From Plasmaspheric Hiss Scattering Rates Statistics: Effects of <i>ï%</i> _{<i>pe</i>} /î© _{<i>ce</i>} and Wave Frequency Dependence on Geomagnetic Activity. Geophysical Research Letters, 2020, 47, e2020GL088052.	1.5	16
33	Direct Evidence of the Pitch Angle Scattering of Relativistic Electrons Induced by EMIC Waves. Geophysical Research Letters, 2020, 47, e2019GL085637.	1.5	18
34	Comparison of Longâ€Term Lightning Activity and Inner Radiation Belt Electron Flux Perturbations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027763.	0.8	3
35	Empirically Estimated Electron Lifetimes in the Earth's Radiation Belts: Van Allen Probe Observations. Geophysical Research Letters, 2020, 47, e2019GL086053.	1.5	33
36	Rapid Outer Radiation Belt Flux Dropouts and Fast Acceleration During the March 2015 and 2013 Storms: The Role of Ultra‣ow Frequency Wave Transport From a Dynamic Outer Boundary. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027179.	0.8	30

#	Article	IF	CITATIONS
37	Empirically Estimated Electron Lifetimes in the Earth's Radiation Belts: Comparison With Theory. Geophysical Research Letters, 2020, 47, e2019GL086056.	1.5	44
38	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.	0.8	8
39	Simulation of Prompt Acceleration of Radiation Belt Electrons During the 16 July 2017 Storm. Geophysical Research Letters, 2019, 46, 7222-7229.	1.5	13
40	Remote Detection of Drift Resonance Between Energetic Electrons and Ultralow Frequency Waves: Multisatellite Coordinated Observation by Arase and Van Allen Probes. Geophysical Research Letters, 2019, 46, 11642-11651.	1.5	16
41	RBSPâ€ECT Combined Spinâ€Averaged Electron Flux Data Product. Journal of Geophysical Research: Space Physics, 2019, 124, 9124-9136.	0.8	34
42	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.	0.8	21
43	Plasmaspheric hiss waves generate a reversed energy spectrum of radiation belt electrons. Nature Physics, 2019, 15, 367-372.	6.5	66
44	Properties of Whistler Mode Waves in Earth's Plasmasphere and Plumes. Journal of Geophysical Research: Space Physics, 2019, 124, 1035-1051.	0.8	37
45	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.	0.8	25
46	A Revised Look at Relativistic Electrons in the Earth's Inner Radiation Zone and Slot Region. Journal of Geophysical Research: Space Physics, 2019, 124, 934-951.	0.8	32
47	Contribution of ULF Wave Activity to the Global Recovery of the Outer Radiation Belt During the Passage of a Highâ€Speed Solar Wind Stream Observed in September 2014. Journal of Geophysical Research: Space Physics, 2019, 124, 1660-1678.	0.8	14
48	Outer Van Allen Radiation Belt Response to Interacting Interplanetary Coronal Mass Ejections. Journal of Geophysical Research: Space Physics, 2019, 124, 1927-1947.	0.8	14
49	Globalâ€ S cale ULF Waves Associated With SSC Accelerate Magnetospheric Ultrarelativistic Electrons. Journal of Geophysical Research: Space Physics, 2019, 124, 1525-1538.	0.8	48
50	Comparison of Van Allen Probes Energetic Electron Data With Corresponding GOESâ€15 Measurements: 2012–2018. Journal of Geophysical Research: Space Physics, 2019, 124, 9924-9942.	0.8	16
51	The Response of Earth's Electron Radiation Belts to Geomagnetic Storms: Statistics From the Van Allen Probes Era Including Effects From Different Storm Drivers. Journal of Geophysical Research: Space Physics, 2019, 124, 1013-1034.	0.8	84
52	Quantitative Evaluation of Radial Diffusion and Local Acceleration Processes During GEM Challenge Events. Journal of Geophysical Research: Space Physics, 2018, 123, 1938-1952.	0.8	86
53	The Clobal Statistical Response of the Outer Radiation Belt During Geomagnetic Storms. Geophysical Research Letters, 2018, 45, 3783-3792.	1.5	66
54	Reply to 'The dynamics of Van Allen belts revisited'. Nature Physics, 2018, 14, 103-104.	6.5	14

#	Article	IF	CITATIONS
55	Van Allen Probes Observations of Second Harmonic Poloidal Standing Alfvén Waves. Journal of Geophysical Research: Space Physics, 2018, 123, 611-637.	0.8	41
56	Van Allen Probes observation of plasmaspheric hiss modulated by injected energetic electrons. Annales Geophysicae, 2018, 36, 781-791.	0.6	7
57	The Outer Radiation Belt Response to the Storm Time Development of Seed Electrons and Chorus Wave Activity During CME and CIR Driven Storms. Journal of Geophysical Research: Space Physics, 2018, 123, 10,139.	0.8	29
58	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.	1.5	25
59	Evidence of Microbursts Observed Near the Equatorial Plane in the Outer Van Allen Radiation Belt. Geophysical Research Letters, 2018, 45, 8044-8053.	1.5	20
60	Global Radiation Belt Modeling: Combined MHD, Ring Current and Test-Particle Simulations. , 2018, , .		0
61	Modeling the Depletion and Recovery of the Outer Radiation Belt During a Geomagnetic Storm: Combined MHD and Test Particle Simulations. Journal of Geophysical Research: Space Physics, 2018, 123, 5590-5609.	0.8	47
62	Diagnosis of ULF Waveâ€Particle Interactions With Megaelectron Volt Electrons: The Importance of Ultrahighâ€Resolution Energy Channels. Geophysical Research Letters, 2018, 45, 10,883.	1.5	11
63	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.	0.8	24
64	An Empirical Model of Radiation Belt Electron Pitch Angle Distributions Based On Van Allen Probes Measurements. Journal of Geophysical Research: Space Physics, 2018, 123, 3493-3511.	0.8	41
65	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.	0.8	23
66	Explaining the apparent impenetrable barrier to ultra-relativistic electrons in the outer Van Allen belt. Nature Communications, 2018, 9, 1844.	5.8	30
67	Nonlinear Drift Resonance Between Charged Particles and Ultralow Frequency Waves: Theory and Observations. Geophysical Research Letters, 2018, 45, 8773-8782.	1.5	20
68	Van Allen Probes observations of prompt MeV radiation belt electron acceleration in nonlinear interactions with VLF chorus. Journal of Geophysical Research: Space Physics, 2017, 122, 324-339.	0.8	85
69	A multispacecraft event study of Pc5 ultralowâ€frequency waves in the magnetosphere and their external drivers. Journal of Geophysical Research: Space Physics, 2017, 122, 5132-5147.	0.8	24
70	The hidden dynamics of relativistic electrons (0.7–1.5ÂMeV) in the inner zone and slot region. Journal of Geophysical Research: Space Physics, 2017, 122, 3127-3144.	0.8	38
71	Investigating the source of nearâ€relativistic and relativistic electrons in Earth's inner radiation belt. Journal of Geophysical Research: Space Physics, 2017, 122, 695-710.	0.8	48
72	Multipoint Observations of Energetic Particle Injections and Substorm Activity During a Conjunction Between Magnetospheric Multiscale (MMS) and Van Allen Probes. Journal of Geophysical Research: Space Physics, 2017, 122, 11,481.	0.8	42

#	Article	IF	CITATIONS
73	Diffusive Transport of Several Hundred keV Electrons in the Earth's Slot Region. Journal of Geophysical Research: Space Physics, 2017, 122, 10,235.	0.8	15
74	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.	0.8	18
75	Systematic Evaluation of Lowâ€Frequency Hiss and Energetic Electron Injections. Journal of Geophysical Research: Space Physics, 2017, 122, 10,263-10,274.	0.8	25
76	Statistical study of the storm time radiation belt evolution during Van Allen Probes era: CME―versus CIRâ€driven storms. Journal of Geophysical Research: Space Physics, 2017, 122, 8327-8339.	0.8	50
77	Van Allen Probes Measurements of Energetic Particle Deep Penetration Into the Low L Region (<i>L</i> Â<Â4) During the Storm on 8 April 2016. Journal of Geophysical Research: Space Physics, 2017, 122, 12,140.	0.8	22
78	Second harmonic poloidal waves observed by Van Allen Probes in the duskâ€midnight sector. Journal of Geophysical Research: Space Physics, 2017, 122, 3013-3039.	0.8	39
79	Development of level 1b calibration and validation readiness, implementation and management plans for GOES-R. , 2017, , .		0
80	Global MHD modeling of resonant ULF waves: Simulations with and without a plasmasphere. Journal of Geophysical Research: Space Physics, 2016, 121, 227-244.	0.8	40
81	Ring current electron dynamics during geomagnetic storms based on the Van Allen Probes measurements. Journal of Geophysical Research: Space Physics, 2016, 121, 3333-3346.	0.8	52
82	Energyâ€dependent dynamics of keV to MeV electrons in the inner zone, outer zone, and slot regions. Journal of Geophysical Research: Space Physics, 2016, 121, 397-412.	0.8	152
83	Modulation of chorus intensity by ULF waves deep in the inner magnetosphere. Geophysical Research Letters, 2016, 43, 9444-9452.	1.5	36
84	Current energetic particle sensors. Journal of Geophysical Research: Space Physics, 2016, 121, 8840-8858.	0.8	9
85	Characteristic energy range of electron scattering due to plasmaspheric hiss. Journal of Geophysical Research: Space Physics, 2016, 121, 11,737.	0.8	54
86	Electron butterfly distribution modulation by magnetosonic waves. Geophysical Research Letters, 2016, 43, 3051-3059.	1.5	33
87	An empirical model of ion plasma in the inner magnetosphere derived from CRRES/MICS measurements. Journal of Geophysical Research: Space Physics, 2016, 121, 11,780.	0.8	11
88	Statistical properties of the radiation belt seed population. Journal of Geophysical Research: Space Physics, 2016, 121, 7636-7646.	0.8	51
89	Prompt acceleration of magnetospheric electrons to ultrarelativistic energies by the 17 March 2015 interplanetary shock. Journal of Geophysical Research: Space Physics, 2016, 121, 7622-7635	0.8	68
90	Inner zone and slot electron radial diffusion revisited. Geophysical Research Letters, 2016, 43, 7301-7310.	1.5	16

#	Article	IF	CITATIONS
91	Explaining the dynamics of the ultra-relativistic third Van Allen radiation belt. Nature Physics, 2016, 12, 978-983.	6.5	97
92	Imprints of impulseâ€excited hydromagnetic waves on electrons in the Van Allen radiation belts. Geophysical Research Letters, 2015, 42, 6199-6204.	1.5	40
93	Source and seed populations for relativistic electrons: Their roles in radiation belt changes. Journal of Geophysical Research: Space Physics, 2015, 120, 7240-7254.	0.8	215
94	The effects of geomagnetic storms on electrons in Earth's radiation belts. Geophysical Research Letters, 2015, 42, 9176-9184.	1.5	67
95	Nearâ€Earth injection of MeV electrons associated with intense dipolarization electric fields: Van Allen Probes observations. Geophysical Research Letters, 2015, 42, 6170-6179.	1.5	62
96	Kinetic Alfvén waves and particle response associated with a shockâ€induced, global ULF perturbation of the terrestrial magnetosphere. Geophysical Research Letters, 2015, 42, 9203-9212.	1.5	29
97	A background correction algorithm for Van Allen Probes MagEIS electron flux measurements. Journal of Geophysical Research: Space Physics, 2015, 120, 5703-5727.	0.8	78
98	On the use of drift echoes to characterize onâ€orbit sensor discrepancies. Journal of Geophysical Research: Space Physics, 2015, 120, 2076-2087.	0.8	8
99	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.	0.6	4
100	Van Allen Probes show that the inner radiation zone contains no MeV electrons: ECT/MagEIS data. Geophysical Research Letters, 2015, 42, 1283-1289.	1.5	109
101	Modeling inward diffusion and slow decay of energetic electrons in the Earth's outer radiation belt. Geophysical Research Letters, 2015, 42, 987-995.	1.5	87
102	Energetic electron injections deep into the inner magnetosphere associated with substorm activity. Geophysical Research Letters, 2015, 42, 2079-2087.	1.5	112
103	Global storm time depletion of the outer electron belt. Journal of Geophysical Research: Space Physics, 2015, 120, 2543-2556.	0.8	45
104	Unraveling the drivers of the storm time radiation belt response. Geophysical Research Letters, 2015, 42, 3076-3084.	1.5	90
105	An empirically observed pitchâ€angle diffusion eigenmode in the Earth's electron belt near <i>L[*]</i> = 5.0. Geophysical Research Letters, 2014, 41, 251-258.	1.5	10
106	Characteristics of pitch angle distributions of hundreds of keV electrons in the slot region and inner radiation belt. Journal of Geophysical Research: Space Physics, 2014, 119, 9543-9557.	0.8	41
107	On the cause and extent of outer radiation belt losses during the 30 September 2012 dropout event. Journal of Geophysical Research: Space Physics, 2014, 119, 1530-1540.	0.8	110
108	Competing source and loss mechanisms due to waveâ€particle interactions in Earth's outer radiation belt during the 30 September to 3 October 2012 geomagnetic storm. Journal of Geophysical Research: Space Physics, 2014, 119, 1960-1979.	0.8	103

#	Article	IF	CITATIONS
109	Quantifying the radiation belt seed population in the 17 March 2013 electron acceleration event. Geophysical Research Letters, 2014, 41, 2275-2281.	1.5	107
110	Evidence for injection of relativistic electrons into the Earth's outer radiation belt via intense substorm electric fields. Geophysical Research Letters, 2014, 41, 1133-1141.	1.5	39
111	The role of ring current particle injections: Global simulations and Van Allen Probes observations during 17 March 2013 storm. Geophysical Research Letters, 2014, 41, 1126-1132.	1.5	36
112	REPAD: An empirical model of pitch angle distributions for energetic electrons in the Earth's outer radiation belt. Journal of Geophysical Research: Space Physics, 2014, 119, 1693-1708.	0.8	37
113	Prompt energization of relativistic and highly relativistic electrons during a substorm interval: Van Allen Probes observations. Geophysical Research Letters, 2014, 41, 20-25.	1.5	88
114	Radiation belt electron acceleration by chorus waves during the 17 March 2013 storm. Journal of Geophysical Research: Space Physics, 2014, 119, 4681-4693.	0.8	182
115	Van Allen Probes observations of direct waveâ€particle interactions. Geophysical Research Letters, 2014, 41, 1869-1875.	1.5	32
116	Peculiar pitch angle distribution of relativistic electrons in the inner radiation belt and slot region. Geophysical Research Letters, 2014, 41, 2250-2257.	1.5	53
117	Quantifying hissâ€driven energetic electron precipitation: A detailed conjunction event analysis. Geophysical Research Letters, 2014, 41, 1085-1092.	1.5	36
118	Resonant scattering of energetic electrons by unusual low-frequency hiss. Geophysical Research Letters, 2014, 41, 1854-1861.	1.5	110
119	Gradual diffusion and punctuated phase space density enhancements of highly relativistic electrons: Van Allen Probes observations. Geophysical Research Letters, 2014, 41, 1351-1358.	1.5	127
120	Excitation of poloidal standing Alfvén waves through drift resonance waveâ€particle interaction. Geophysical Research Letters, 2013, 40, 4127-4132.	1.5	134
121	The Magnetic Electron Ion Spectrometer (MagEIS) Instruments Aboard the Radiation Belt Storm Probes (RBSP) Spacecraft. Space Science Reviews, 2013, 179, 383-421.	3.7	491
122	An unusual enhancement of lowâ€frequency plasmaspheric hiss in the outer plasmasphere associated with substormâ€injected electrons. Geophysical Research Letters, 2013, 40, 3798-3803.	1.5	120
123	Electron Acceleration in the Heart of the Van Allen Radiation Belts. Science, 2013, 341, 991-994.	6.0	463
124	Discovery of the action of a geophysical synchrotron in the Earth's Van Allen radiation belts. Nature Communications, 2013, 4, .	5.8	104
125	Rapid local acceleration of relativistic radiation-belt electrons by magnetospheric chorus. Nature, 2013, 504, 411-414.	13.7	608
126	Van Allen Probes observation of localized drift resonance between poloidal mode ultraâ€low frequency waves and 60 keV electrons. Geophysical Research Letters, 2013, 40, 4491-4497.	1.5	127

#	Article	IF	CITATIONS
127	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. Space Science Reviews, 2013, 179, 311-336.	3.7	463
128	Kelvinâ€Helmholtz instability of the magnetospheric boundary in a threeâ€dimensional global MHD simulation during northward IMF conditions. Journal of Geophysical Research: Space Physics, 2013, 118, 5478-5496.	0.8	55
129	A Long-Lived Relativistic Electron Storage Ring Embedded in Earth's Outer Van Allen Belt. Science, 2013, 340, 186-190.	6.0	216
130	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
131	The Magnetic Electron Ion Spectrometer (MagEIS) Instruments Aboard the Radiation Belt Storm Probes (RBSP) Spacecraft. , 2013, , 383-421.		27
132	Dependence of the amplitude of Pc5â€band magnetic field variations on the solar wind and solar activity. Journal of Geophysical Research, 2012, 117, .	3.3	21
133	Correction to "Magnetospheric cavity modes driven by solar wind dynamic pressure fluctuations― Geophysical Research Letters, 2010, 37, .	1.5	0
134	Solar wind driving of magnetospheric ULF waves: Field line resonances driven by dynamic pressure fluctuations. Journal of Geophysical Research, 2010, 115, .	3.3	94
135	Magnetospheric cavity modes driven by solar wind dynamic pressure fluctuations. Geophysical Research Letters, 2009, 36, .	1.5	63
136	Solar wind driving of magnetospheric ULF waves: Pulsations driven by velocity shear at the magnetopause. Journal of Geophysical Research, 2008, 113, .	3.3	183
137	Modelling Inner Proton Belt Variability at Energies 1 to 10MeV using BASâ€₽RO. Journal of Geophysical Research: Space Physics, 0, , .	0.8	2