

Michael G Henderson

List of Publications by Year in descending order

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143
papers

7,896
citations

50276

46
h-index

53230

85
g-index

148
all docs

148
docs citations

148
times ranked

2566
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Subauroral Longitudinally Extended Emissions Following Intensifications of the Poleward Boundary of the Substorm Bulge and Streamer Production. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028556.	2.4	4
2	Magnetotail Dipolarizations and Ion Flux Variations During the Main Phase of Magnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028470.	2.4	8
3	Geospace Plume and Its Impact on Dayside Magnetopause Reconnection Rate. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029117.	2.4	7
4	Key elements of auroral substorm development and their relationship to recent observations of detached sub-auroral phenomena including STEVE-like emissions. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 218, 105600.	1.6	3
5	The impact of cold electrons and cold ions in magnetospheric physics. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021, 220, 105599.	1.6	27
6	Topological Segmentation and Tracking for Space Weather Modeling. , 2021, , .		0
7	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.	2.4	8
8	Defining Radiation Belt Enhancement Events Based on Probability Distributions. <i>Space Weather</i> , 2020, 18, e2020SW002528.	3.7	4
9	Calculating Ionizing Doses in Geosynchronous Orbit from In-situ Particle Measurements and Models. , 2020, , .		1
10	A Mission Concept to Determine the Magnetospheric Causes of Aurora. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, .	2.8	8
11	Physical Processes of Meso-Scale, Dynamic Auroral Forms. <i>Space Science Reviews</i> , 2020, 216, 1.	8.1	23
12	Solving the auroral-arc-generator question by using an electron beam to unambiguously connect critical magnetospheric measurements to auroral images. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2020, 206, 105310.	1.6	11
13	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.	0.4	8
14	On-orbit calibration of geostationary electron and proton flux observations for augmentation of an existing empirical radiation model. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 28.	3.3	5
15	The Cold Ion Population at Geosynchronous Orbit and Transport to the Dayside Magnetopause: September 2015 to February 2016. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 8685-8694.	2.4	4
16	The March 2015 Superstorm Revisited: Phase Space Density Profiles and Fast ULF Wave Diffusive Transport. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 1143-1156.	2.4	21
17	Improved Simulations of The Inner Magnetosphere During High Geomagnetic Activity With the RAM-SCB Model. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 4233-4248.	2.4	8
18	Extension of an Empirical Electron Flux Model From 6 to 20 Earth Radii Using Cluster/RAPID Observations. <i>Space Weather</i> , 2019, 17, 778-792.	3.7	11

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19	PreMevE: New Predictive Model for Megaelectron-Volt Electrons Inside Earth's Outer Radiation Belt. <i>Space Weather</i> , 2019, 17, 438-454.	3.7	24
20	Effects of a Realistic O ⁺ Source on Modeling the Ring Current. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9953-9962.	2.4	5
21	Observations and Fokker-Planck Simulations of the L ₁ 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.	2.4	37
22	SAPS-Associated Explosive Brightening on the Duskside: A New Type of Onset-Like Disturbance. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 197-210.	2.4	10
23	Particle tracing modeling of ion fluxes at geosynchronous orbit. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2018, 177, 131-140.	1.6	3
24	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
25	Calculation of Last Closed Drift Shells for the 2013 GEM Radiation Belt Challenge Events. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 9597-9611.	2.4	27
26	A Statistical Survey of Radiation Belt Dropouts Observed by Van Allen Probes. <i>Geophysical Research Letters</i> , 2018, 45, 8035-8043.	4.0	49
27	Energetic Particle Data From the Global Positioning System Constellation. <i>Space Weather</i> , 2017, 15, 283-289.	3.7	46
28	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
29	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.	2.4	48
30	The Evolution of the Plasma Sheet Ion Composition: Storms and Recoveries. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 12,040.	2.4	12
31	Global Three-Dimensional Simulation of Earth's Dayside Reconnection Using a Two-Way Coupled Magnetohydrodynamics With Embedded Particle-in-Cell Model: Initial Results. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,318.	2.4	62
32	The plasma environment inside geostationary orbit: A Van Allen Probes HOPE survey. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9207-9227.	2.4	34
33	Simulation of energy-dependent electron diffusion processes in the Earth's outer radiation belt. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 4217-4231.	2.4	50
34	The Global Positioning System constellation as a space weather monitor: Comparison of electron measurements with Van Allen Probes data. <i>Space Weather</i> , 2016, 14, 76-92.	3.7	48
35	Reproducing the observed energy-dependent structure of Earth's electron radiation belts during storm recovery with an event-specific diffusion model. <i>Geophysical Research Letters</i> , 2016, 43, 5616-5625.	4.0	71
36	Recurrent embedded substorms during the 19 October 1998 GEM storm. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7847-7859.	2.4	6

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37	The latitudinal variation of geoelectromagnetic disturbances during large ($\langle i \rangle Dst \langle /i \rangle \hat{\sim} 100 \text{ \AA} nT$) geomagnetic storms. <i>Space Weather</i> , 2016, 14, 668-681.	3.7	23
38	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
39	An improved empirical model of electron and ion fluxes at geosynchronous orbit based on upstream solar wind conditions. <i>Space Weather</i> , 2016, 14, 511-523.	3.7	42
40	Ring current pressure estimation with RAM-SCB using data assimilation and Van Allen Probe flux data. <i>Geophysical Research Letters</i> , 2016, 43, 11,948.	4.0	14
41	The complex nature of storm-time ion dynamics: Transport and local acceleration. <i>Geophysical Research Letters</i> , 2016, 43, 10,059-10,067.	4.0	17
42	Forecasting and remote sensing outer belt relativistic electrons from low Earth orbit. <i>Geophysical Research Letters</i> , 2016, 43, 1031-1038.	4.0	14
43	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
44	Determination of errors in derived magnetic field directions in geosynchronous orbit: results from a statistical approach. <i>Annales Geophysicae</i> , 2016, 34, 831-843.	1.6	2
45	An empirical model of electron and ion fluxes derived from observations at geosynchronous orbit. <i>Space Weather</i> , 2015, 13, 233-249.	3.7	44
46	Empirical modeling of $3 \hat{\text{A}} \text{D}$ force-balanced plasma and magnetic field structures during substorm growth phase. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6496-6513.	2.4	29
47	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
48	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
49	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
50	A 2-D empirical plasma sheet pressure model for substorm growth phase using the Support Vector Regression Machine. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 1957-1973.	2.4	10
51	Acceleration and loss driven by VLF chorus: Van Allen Probes observations and DREAM model results. , 2014, , .		0
52	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
53	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
54	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

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55	The trapping of equatorial magnetosonic waves in the Earth's outer plasmasphere. <i>Geophysical Research Letters</i> , 2014, 41, 6307-6313.	4.0	51
56	Van Allen Probes observations of direct wave-particle interactions. <i>Geophysical Research Letters</i> , 2014, 41, 1869-1875.	4.0	32
57	Current sheet scattering and ion isotropic boundary under 3D empirical force-balanced magnetic field. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8202-8211.	2.4	22
58	Modeling gradual diffusion changes in radiation belt electron phase space density for the March 2013 Van Allen Probes case study. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 8396-8403.	2.4	24
59	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
60	Data assimilation of space-based and ground-based observations, and empirical models into a plasmasphere model. , 2014, , .		0
61	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
62	Electron Acceleration in the Heart of the Van Allen Radiation Belts. <i>Science</i> , 2013, 341, 991-994.	12.6	463
63	Rapid local acceleration of relativistic radiation-belt electrons by magnetospheric chorus. <i>Nature</i> , 2013, 504, 411-414.	27.8	608
64	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
65	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
66	Phase Space Density matching of relativistic electrons using the Van Allen Probes: REPT results. <i>Geophysical Research Letters</i> , 2013, 40, 4798-4802.	4.0	27
67	Evolution and slow decay of an unusual narrow ring of relativistic electrons near L=3.2 following the September 2012 magnetic storm. <i>Geophysical Research Letters</i> , 2013, 40, 3507-3511.	4.0	150
68	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
69	Statistical properties of the surface-charging environment at geosynchronous orbit. <i>Space Weather</i> , 2013, 11, 237-244.	3.7	62
70	Helium, Oxygen, Proton, and Electron (HOPE) Mass Spectrometer for the Radiation Belt Storm Probes Mission. <i>Space Science Reviews</i> , 2013, 179, 423-484.	8.1	459
71	Modeling radiation belt electron dynamics during GEM challenge intervals with the DREAM3D diffusion model. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6197-6211.	2.4	111
72	Ice Snowplow injection front effects. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 6478-6488.	2.4	6

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73	Helium, Oxygen, Proton, and Electron (HOPE) Mass Spectrometer for the Radiation Belt Storm Probes Mission. , 2013, , 423-484.		13
74	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
75	Energetic particle injections to geostationary orbit: Relationship to flow bursts and magnetospheric state. Journal of Geophysical Research, 2012, 117, .	3.3	63
76	Dynamic Radiation Environment Assimilation Model: DREAM. Space Weather, 2012, 10, .	3.7	74
77	On the relationship between relativistic electron flux and solar wind velocity: Paulikas and Blake revisited. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	148
78	Start-to-end global imaging of a sunward propagating, SAPS-associated giant undulation event. Journal of Geophysical Research, 2010, 115, .	3.3	27
79	Comment on "Investigation of the period of sawtooth events" by X. Cai and C. R. Clauer. Journal of Geophysical Research, 2010, 115, .	3.3	3
80	SpacePy - A Python-based Library of Tools for the Space Sciences. , 2010, , .		36
81	Plasma in Saturn's nightside magnetosphere and the implications for global circulation. Planetary and Space Science, 2009, 57, 1714-1722.	1.7	85
82	Northward field excursions in Saturn's magnetotail and their relationship to magnetospheric periodicities. Geophysical Research Letters, 2009, 36, .	4.0	41
83	Thermal ion flow in Saturn's inner magnetosphere measured by the Cassini plasma spectrometer: A signature of the Enceladus torus?. Geophysical Research Letters, 2009, 36, .	4.0	68
84	Observational evidence for an inside-out substorm onset scenario. Annales Geophysicae, 2009, 27, 2129-2140.	1.6	81
85	Magnetospheric solitary structure maintained by 3000 km/s ions as a cause of westward moving auroral bulge at 19 MLT. Annales Geophysicae, 2009, 27, 2947-2969.	1.6	6
86	Plasmoids in Saturn's magnetotail. Journal of Geophysical Research, 2008, 113, .	3.3	79
87	Near-Earth substorm features from multiple satellite observations. Journal of Geophysical Research, 2008, 113, .	3.3	26
88	Highly periodic stormtime activations observed by THEMIS prior to substorm onset. Geophysical Research Letters, 2008, 35, .	4.0	3
89	Cassini detection of water-group pickup ions in the Enceladus torus. Geophysical Research Letters, 2008, 35, .	4.0	47
90	Cassini plasma spectrometer thermal ion measurements in Saturn's inner magnetosphere. Journal of Geophysical Research, 2008, 113, .	3.3	120

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91	Rice Convection Model simulation of the 18 April 2002 sawtooth event and evidence for interchange instability. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	21
92	Transport of plasma sheet material to the inner magnetosphere. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	15
93	Comparative statistical analysis of storm time activations and sawtooth events. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	46
94	Cluster observations in the inner magnetosphere during the 18 April 2002 sawtooth event: Dipolarization and injection at $r = 4.6 R_E$. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	40
95	Observations of dipolarization at geosynchronous orbits and its response in the polar cap convection during extreme southward interplanetary magnetic field conditions. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	1
96	Prelude to THEMIS tail conjunction study. <i>Annales Geophysicae</i> , 2007, 25, 1001-1009.	1.6	6
97	Key features of intense geospace storms—A comparative study of a solar maximum and a solar minimum storm. <i>Planetary and Space Science</i> , 2007, 55, 32-52.	1.7	9
98	Modeling the ring current response to a sawtooth oscillation event. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2007, 69, 67-76.	1.6	9
99	Global auroral imaging in the ILWS era. <i>Advances in Space Research</i> , 2007, 40, 409-418.	2.6	5
100	Characterizing the 18 April 2002 storm-time sawtooth events using ground magnetic data. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	50
101	Magnetospheric and auroral activity during the 18 April 2002 sawtooth event. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	100
102	Unusually quick development of a 4000 nT substorm during the initial 10 min of the 29 October 2003 magnetic storm. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	10
103	Substorms during the 10–11 August 2000 sawtooth event. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	69
104	Geomagnetic storms driven by ICME- and CIR-dominated solar wind. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	199
105	Analyzing electric field morphology through data-model comparisons of the Geospace Environment Modeling Inner Magnetosphere/Storm Assessment Challenge events. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	37
106	A statistical study of magnetic dipolarization for sawtooth events and isolated substorms at geosynchronous orbit with GOES data. <i>Annales Geophysicae</i> , 2006, 24, 3481-3490.	1.6	29
107	Toward understanding radiation belt dynamics, nuclear explosion-produced artificial belts, and active radiation belt remediation: Producing a radiation belt data assimilation model. <i>Geophysical Monograph Series</i> , 2005, , 221-235.	0.1	7
108	Cluster magnetotail observations of a tailward-travelling plasmoid at substorm expansion phase onset and field aligned currents in the plasma sheet boundary layer. <i>Annales Geophysicae</i> , 2005, 23, 3667-3683.	1.6	7

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109	Calculation of IMAGE/MENA geometric factors and conversion of images to units of integral and differential flux. <i>Review of Scientific Instruments</i> , 2005, 76, 043303.	1.3	11
110	Storm-time plasma signatures observed by IMAGE/MENA and comparison with a global physics-based model. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	20
111	The May 2-3, 1986 CDAW-9C interval: A sawtooth event. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	63
112	Magnetotail behavior during storm time "sawtooth injections". <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	31
113	Tail-dominated storm main phase: 31 March 2001. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	29
114	IMAGE, POLAR, and geosynchronous observations of substorm and ring current ion injection. <i>Geophysical Monograph Series</i> , 2003, , 91-101.	0.1	52
115	O+ Transport into the ring current: Storm versus substorm. <i>Geophysical Monograph Series</i> , 2003, , 59-73.	0.1	12
116	The Role and Contributions of Energetic Neutral Atom (ENA) Imaging in Magnetospheric Substorm Research. , 2003, , 155-182.		2
117	Ps 6 disturbances: relation to substorms and the auroral oval. <i>Annales Geophysicae</i> , 2003, 21, 493-508.	1.6	16
118	Charge exchange contribution to the decay of the ring current, measured by energetic neutral atoms (ENAs). <i>Journal of Geophysical Research</i> , 2001, 106, 1931-1937.	3.3	26
119	Plasma sheet access to the inner magnetosphere. <i>Journal of Geophysical Research</i> , 2001, 106, 5845-5858.	3.3	58
120	The storm-substorm relationship: Ion injections in geosynchronous measurements and composite energetic neutral atom images. <i>Journal of Geophysical Research</i> , 2001, 106, 5833-5844.	3.3	62
121	First medium energy neutral atom (MENA) Images of Earth's magnetosphere during substorm and storm-time. <i>Geophysical Research Letters</i> , 2001, 28, 1147-1150.	4.0	61
122	Simultaneous closed magnetic field line polar arcs and substorms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2001, 63, 643-655.	1.6	3
123	Polar CEPPAD/IPS energetic neutral atom (ENA) images of a substorm injection. <i>Advances in Space Research</i> , 2000, 25, 2407-2416.	2.6	10
124	Association of energetic neutral atom bursts and magnetospheric substorms. <i>Journal of Geophysical Research</i> , 2000, 105, 18753-18763.	3.3	15
125	Energetic neutral atom imaging with the polar ceppad/ips instrument: Initial forward modeling results. <i>Physics and Chemistry of the Earth, Part C: Solar, Terrestrial and Planetary Science</i> , 1999, 24, 203-208.	0.2	3
126	The relativistic electron response at geosynchronous orbit during the January 1997 magnetic storm. <i>Journal of Geophysical Research</i> , 1998, 103, 17559-17570.	3.3	104

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127	Coronal mass ejections, magnetic clouds, and relativistic magnetospheric electron events: ISTP. <i>Journal of Geophysical Research</i> , 1998, 103, 17279-17291.	3.3	144
128	Are north-south aligned auroral structures an ionospheric manifestation of bursty bulk flows?. <i>Geophysical Research Letters</i> , 1998, 25, 3737-3740.	4.0	186
129	First energetic neutral atom images from Polar. <i>Geophysical Research Letters</i> , 1997, 24, 1167-1170.	4.0	101
130	Global energetic neutral atom (ENA) measurements and their association with the Dst index. <i>Geophysical Research Letters</i> , 1997, 24, 3173-3176.	4.0	53
131	Viking observations of a reverse convection cell developing in response to a northward turning of the interplanetary magnetic field. <i>Geophysical Research Letters</i> , 1996, 23, 809-812.	4.0	1
132	Observations of magnetospheric substorms occurring with no apparent solar wind/IMF trigger. <i>Journal of Geophysical Research</i> , 1996, 101, 10773-10791.	3.3	72
133	Observations of auroral substorms occurring together with preexisting "quiet time" auroral patterns. <i>Journal of Geophysical Research</i> , 1996, 101, 24621-24640.	3.3	13
134	Comparison of Viking onset locations with the predictions of the Thermal Catastrophe Model. <i>Journal of Geophysical Research</i> , 1995, 100, 21857-21872.	3.3	11
135	Special features of a substorm during high solar wind dynamic pressure. <i>Journal of Geophysical Research</i> , 1995, 100, 19095.	3.3	10
136	Interpretation of optical substorm onset observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1993, 55, 1159-1170.	0.9	34
137	The auroral distribution and its mapping according to substorm phase. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1993, 55, 1741-1762.	0.9	34
138	Long-term energetic-particle databases from geosynchronous and GPS orbits. , 0, , .		0
139	Substorm Associated Spikes in High Energy Particle Precipitation. <i>Geophysical Monograph Series</i> , 0, , 227-236.	0.1	10
140	Los Alamos Geosynchronous Space Weather Data for Radiation Belt Modeling. <i>Geophysical Monograph Series</i> , 0, , 237-240.	0.1	3
141	Observations of Changes to the Auroral Distribution Prior to Substorm Onset. <i>Geophysical Monograph Series</i> , 0, , 257-275.	0.1	31
142	Auroral Substorms, Poleward Boundary Activations, Auroral Streamers, Omega Bands, and Onset Precursor Activity. <i>Geophysical Monograph Series</i> , 0, , 39-54.	0.1	41
143	Association of Mesoscale Auroral Structures and Breakups With Energetic Particle Injections at Geosynchronous Orbit. <i>Frontiers in Astronomy and Space Sciences</i> , 0, 9, .	2.8	2