

M J Engebretson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

160
papers

4,573
citations

37
h-index

60
g-index

171
ext. papers

5,094
ext. citations

3.4
avg, IF

4.99
L-index

#	Paper	IF	Citations
160	SECS Analysis of Nighttime Magnetic Perturbation Events Observed in Arctic Canada. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029839	2.6	1
159	Magnetic Conjugacy of Pc1 Waves and Isolated Proton Precipitation at Subauroral Latitudes: Importance of Ionosphere as Intensity Modulation Region. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091384	4.9	384
158	Nighttime Magnetic Perturbation Events Observed in Arctic Canada: 3. Occurrence and Amplitude as Functions of Magnetic Latitude, Local Time, and Magnetic Disturbance Indices. <i>Space Weather</i> , 2021 , 19, e2020SW002526	3.7	6
157	Determining EMIC Wave Vector Properties Through Multi-Point Measurements: The Wave Curl Analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028922	2.6	2
156	The Combined Influence of Lower Band Chorus and ULF Waves on Radiation Belt Electron Fluxes at Individual L-Shells. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028755	2.6	4
155	Determination of vortex current structure in the high-latitude ionosphere with associated GIC bursts from ground magnetic data. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2021 , 212, 105514	2.4	8
154	Conjugate Properties of Magnetospheric Pc5 Waves: Antarctica-Greenland Comparison. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028048	2.6	0
153	Observations of Particle Loss due to Injection-Associated Electromagnetic Ion Cyclotron Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2020JA028503	2.6	3
152	Characterization of Transient-Large-Amplitude Geomagnetic Perturbation Events. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094076	4.9	1
151	Superposed Epoch Analysis of Nighttime Magnetic Perturbation Events Observed in Arctic Canada. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029465	2.6	0
150	Low Frequency ULF Waves in the Earth's Inner Magnetosphere: Statistics During Coronal Mass Ejections and Seeding of EMIC Waves. <i>Journal of Geophysical Research: Space Physics</i> , 2021 , 126, e2021JA029247	2.6	27
149	Classifier Neural Network Models Predict Relativistic Electron Events at Geosynchronous Orbit Better than Multiple Regression or ARMAX Models. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027357	2.6	2
148	Ground-based very-low-frequency radio wave observations of energetic particle precipitation 2020 , 257-277		0
147	Incidence of Alfvénic SC Pulse Onto the Conjugate Ionospheres. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027397	2.6	2
146	Araze Observation of the Source Region of Auroral Arcs and Diffuse Auroras in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2019JA027310	2.6	5
145	EMIC Waves in the Earth's Inner Magnetosphere as a Function of Solar Wind Structures During Solar Maximum. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA027990	2.6	2
144	Interhemispheric Comparisons of Large Nighttime Magnetic Perturbation Events Relevant to GICs. <i>Journal of Geophysical Research: Space Physics</i> , 2020 , 125, e2020JA028128	2.6	6

143	Nighttime Magnetic Perturbation Events Observed in Arctic Canada: 1. Survey and Statistical Analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 7442-7458	2.6	16
142	Impulsive disturbances of the geomagnetic field as a cause of induced currents of electric power lines. <i>Journal of Space Weather and Space Climate</i> , 2019 , 9, A18	2.5	38
141	EMIC Waves in the Outer Magnetosphere: Observations of an Off-Equator Source Region. <i>Geophysical Research Letters</i> , 2019 , 46, 5707-5716	4.9	16
140	Ground-Based Observations of VLF Waves as a Proxy for Satellite Observations: Development of Models Including the Influence of Solar Illumination and Geomagnetic Disturbance Levels. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 2682-2696	2.6	3
139	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	2.6	31
138	Generation of EMIC Waves and Effects on Particle Precipitation During a Solar Wind Pressure Intensification With $B_z > 0$. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 4492-4508	2.6	11
137	Predicting Lower Band Chorus With Autoregressive-Moving Average Transfer Function (ARMAX) Models. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 5692-5708	2.6	1
136	Nighttime Magnetic Perturbation Events Observed in Arctic Canada: 2. Multiple-Instrument Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 7459-7476	2.6	21
135	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	2.6	1
134	Electromagnetic Fields of Magnetospheric ULF Disturbances in the Ionosphere: Current/Voltage Dichotomy. <i>Journal of Geophysical Research: Space Physics</i> , 2019 , 124, 109-121	2.6	5
133	On the Driver of Daytime Pc3 Auroral Pulsations. <i>Geophysical Research Letters</i> , 2019 , 46, 553-561	4.9	3
132	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	2.6	53
131	Transmission of a Magnetospheric Pc1 Wave Beam Through the Ionosphere to the Ground. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 3965-3982	2.6	11
130	Comparison of Relativistic Microburst Activity Seen by SAMPEX With Ground-Based Wave Measurements at Halley, Antarctica. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 1279-1294	2.6	11
129	Understanding the Driver of Energetic Electron Precipitation Using Coordinated Multisatellite Measurements. <i>Geophysical Research Letters</i> , 2018 , 45, 6755-6765	4.9	20
128	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	2.6	14
127	EMIC Wave Events During the Four GEM QARBM Challenge Intervals. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 6394-6423	2.6	16
126	Recent Developments in Our Knowledge of Inner Magnetosphere-Ionosphere Convection. <i>Journal of Geophysical Research: Space Physics</i> , 2018 , 123, 7276-7282	2.6	3

125	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	2.6	19
124	Purple Auroral Rays and Global Pc1 Pulsations Observed at the CIR-Associated Solar Wind Density Enhancement on 21 March 2017. <i>Geophysical Research Letters</i> , 2018 , 45, 10,819	4.9	4
123	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	2.6	13
122	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	2.6	37
121	Conjugate observations of electromagnetic ion cyclotron waves associated with traveling convection vortex events. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 7336-7352	2.6	7
120	Fast-moving diffuse auroral patches: A new aspect of daytime Pc3 auroral pulsations. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 1542-1554	2.6	5
119	Lower hybrid frequency range waves generated by ion polarization drift due to electromagnetic ion cyclotron waves: Analysis of an event observed by the Van Allen Probe B. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 449-463	2.6	4
118	The Future of Ground Magnetometer Arrays in Support of Space Weather Monitoring and Research. <i>Space Weather</i> , 2017 , 15, 1433-1441	3.7	5
117	Ground-based instruments of the PWING project to investigate dynamics of the inner magnetosphere at subauroral latitudes as a part of the ERG-ground coordinated observation network. <i>Earth, Planets and Space</i> , 2017 , 69,	2.9	51
116	Energetic Proton Spectra Measured by the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 10,129	2.6	9
115	Simultaneous observations of traveling convection vortices: Ionosphere-thermosphere coupling. <i>Journal of Geophysical Research: Space Physics</i> , 2017 , 122, 4943-4959	2.6	6
114	ULF wave power index for space weather and geophysical applications: A review. <i>Russian Journal of Earth Sciences</i> , 2017 , 17, 1-13	0.9	11
113	Multipoint spacecraft observations of long-lasting poloidal Pc4 pulsations in the dayside magnetosphere on 10 May 2014. <i>Annales Geophysicae</i> , 2016 , 34, 985-998	2	10
112	Confirmation of EMIC wave-driven relativistic electron precipitation. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 5366-5383	2.6	33
111	Wave-induced loss of ultra-relativistic electrons in the Van Allen radiation belts. <i>Nature Communications</i> , 2016 , 7, 12883	17.4	90
110	Empirical predictive models of daily relativistic electron flux at geostationary orbit: Multiple regression analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 3181-3197	2.6	25
109	Survey of the frequency dependent latitudinal distribution of the fast magnetosonic wave mode from Van Allen Probes Electric and Magnetic Field Instrument and Integrated Science waveform receiver plasma wave analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 2902-2921	2.6	50
108	Interaction of magnetospheric Alfvén waves with the ionosphere in the Pc1 frequency band. <i>Journal of Geophysical Research: Space Physics</i> , 2016 , 121, 321-337	2.6	15

107	Correspondence between the ULF wave power spatial distribution and auroral oval boundaries. <i>Solneĉno-zemnaĉ Fizika</i> , 2016 , 2, 46-65	1	5
106	Generation of resonant Alfvén waves in the auroral oval. <i>Annales Geophysicae</i> , 2016 , 34, 241-248	2	6
105	Van Allen Probes observations of cross-scale coupling between electromagnetic ion cyclotron waves and higher-frequency wave modes. <i>Geophysical Research Letters</i> , 2016 , 43, 11,510	4.9	6
104	Conjugate observations of traveling convection vortices associated with transient events at the magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 2015-2035	2.6	15
103	Source of seed fluctuations for electromagnetic ion cyclotron waves in Earth's magnetosphere. <i>Advances in Space Research</i> , 2015 , 55, 2573-2583	2.4	5
102	Low-harmonic magnetosonic waves observed by the Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 6230-6257	2.6	36
101	Van Allen probes, NOAA, GOES, and ground observations of an intense EMIC wave event extending over 12 h in magnetic local time. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 5465-5488	2.6	105
100	Observations of coincident EMIC wave activity and duskside energetic electron precipitation on 18-19 January 2013. <i>Geophysical Research Letters</i> , 2015 , 42, 5727-5735	4.9	76
99	Electron precipitation from EMIC waves: A case study from 31 May 2013. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 3618-3631	2.6	52
98	Solar cycle dependence of ion cyclotron wave frequencies. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 4711-4718	2.6	2
97	Analysis of the effectiveness of ground-based VLF wave observations for predicting or nowcasting relativistic electron flux at geostationary orbit. <i>Journal of Geophysical Research: Space Physics</i> , 2015 , 120, 2052-2060	2.6	11
96	Prediction of relativistic electron flux at geostationary orbit following storms: Multiple regression analysis. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 7297-7318	2.6	24
95	Model of electromagnetic ion cyclotron waves in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 7541-7565	2.6	12
94	Investigating the IMF cone angle control of Pc3-4 pulsations observed on the ground. <i>Journal of Geophysical Research: Space Physics</i> , 2014 , 119, 1797-1813	2.6	20
93	In situ observations of Pc1 pearl pulsations by the Van Allen Probes. <i>Geophysical Research Letters</i> , 2014 , 41, 1823-1829	4.9	24
92	Investigation of EMIC wave scattering as the cause for the BARREL 17 January 2013 relativistic electron precipitation event: A quantitative comparison of simulation with observations. <i>Geophysical Research Letters</i> , 2014 , 41, 8722-8729	4.9	70
91	Sounding of the plasmasphere by Mid-continent MAGnetoseismic Chain (McMAC) magnetometers. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 3077-3086	2.6	35
90	EMIC triggered chorus emissions in Cluster data. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 1159-1169	2.6	30

89	Multi-instrument observations from Svalbard of a traveling convection vortex, electromagnetic ion cyclotron wave burst, and proton precipitation associated with a bow shock instability. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 2975-2997	2.6	34
88	A Physical Model of the Geomagnetic Sudden Commencement. <i>Geophysical Monograph Series</i> , 2013 , 183-200	1.1	132
87	Ground Observations of Transient Cusp Phenomena: Initial Results from MACCS. <i>Geophysical Monograph Series</i> , 2013 , 427-437	1.1	19
86	Studies of the Occurrence and Properties of Pc 3-4 Magnetic and Auroral Pulsations at South Pole, Antarctica. <i>Geophysical Monograph Series</i> , 2013 , 345-353	1.1	8
85	Simultaneous traveling convection vortex events and Pc1 wave bursts at cusp latitudes observed in Arctic Canada and Svalbard. <i>Journal of Geophysical Research: Space Physics</i> , 2013 , 118, 6352-6363	2.6	4
84	The Morphology of ULF Waves in the Earth's Foreshock. <i>Geophysical Monograph Series</i> , 2013 , 87-98	1.1	30
83	Pc 1 Waves Generated by a Magnetospheric Compression During the Recovery Phase of a Geomagnetic Storm. <i>Geophysical Monograph Series</i> , 2013 , 399-407	1.1	9
82	Generation of ULF Waves by Fluctuations in the Magnetopause Position. <i>Geophysical Monograph Series</i> , 2013 , 273-281	1.1	20
81	Space-time structure of ion-cyclotron waves in the topside ionosphere as observed onboard the ST-5 satellites. <i>Cosmic Research</i> , 2012 , 50, 329-339	0.6	5
80	Pi1B propagation in the high-latitude ionosphere. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		2
79	Upstream-generated Pc3 ULF wave signatures observed near the Earth's cusp. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		7
78	Cluster observations of band-limited Pc 1 waves associated with streaming H ⁺ and O ⁺ ions in the high-altitude plasma mantle. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		5
77	Spectral enhancements associated with Pi1B events observed at high latitude. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		1
76	Pi1B pulsations as a possible driver of Alfvénic aurora at substorm onset. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		15
75	Application and validation of the spherical elementary currents systems technique for deriving ionospheric equivalent currents with the North American and Greenland ground magnetometer arrays. <i>Journal of Geophysical Research</i> , 2011 , 116,		76
74	Statistical study of Pc1 wave propagation characteristics in the high-latitude ionospheric waveguide. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		33
73	Electromagnetic ion cyclotron waves in the helium branch induced by multiple electromagnetic ion cyclotron triggered emissions. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	25
72	ULF Waves in the Topside Ionosphere: Satellite Observations and Modeling 2011 , 257-269		10

71	On The Propagation And Modulation Of Electrostatic Solitary Waves Observed Near The Magnetopause On Cluster 2011 ,		1
70	Cluster observations of EMIC triggered emissions in association with Pc1 waves near Earth's plasmopause. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	110
69	Theory and observation of electromagnetic ion cyclotron triggered emissions in the magnetosphere. <i>Journal of Geophysical Research</i> , 2010 , 115,		85
68	Ducting characteristics of Pc 1 waves at high latitudes on the ground and in space. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		35
67	Probing the relationship between electromagnetic ion cyclotron waves and plasmaspheric plumes near geosynchronous orbit. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		26
66	Statistical maps of geomagnetic perturbations as a function of the interplanetary magnetic field. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		36
65	Multiple harmonic ULF waves in the plasma sheet boundary layer: Instability analysis. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		35
64	Multiple harmonic ULF waves in the plasma sheet boundary layer observed by Cluster. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		19
63	Determining the key drivers of magnetospheric Pc5 wave power. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		19
62	Observations of Earth space by self-powered stations in Antarctica. <i>Review of Scientific Instruments</i> , 2009 , 80, 124501	1.7	10
61	Searching for ULF signatures of the cusp: Observations from search coil magnetometers and auroral imagers in Svalbard. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		11
60	PENGUIn multi-instrument observations of dayside high-latitude injections during the 23 March 2007 substorm. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		8
59	THEMIS observations of extreme magnetopause motion caused by a hot flow anomaly. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		59
58	Near-Earth initiation of a terrestrial substorm. <i>Journal of Geophysical Research</i> , 2009 , 114, n/a-n/a		57
57	Periodic modulation of Pc3 and Pc4 pulsations in the polar cap by interplanetary and atmospheric processes. <i>Geomagnetism and Aeronomy</i> , 2008 , 48, 307-313	0.9	3
56	Pc1Bc2 waves and energetic particle precipitation during and after magnetic storms: Superposed epoch analysis and case studies. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		85
55	Temporal and spatial characteristics of Pc1 waves observed by ST5. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		49
54	Structure of ULF Pc3 waves at low altitudes. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		20

53	Ultra-low-frequency waves and associated wave vectors observed in the plasma sheet boundary layer by Cluster. <i>Journal of Geophysical Research</i> , 2008 , 113, n/a-n/a		20
52	Interaction of Alfvén waves with a turbulent layer. <i>Earth, Planets and Space</i> , 2008 , 60, 949-960	2.9	1
51	In search of a new ULF wave index: Comparison of Pc5 power with dynamics of geostationary relativistic electrons. <i>Planetary and Space Science</i> , 2007 , 55, 755-769	2	68
50	Cluster observations of Pc 1 waves and associated ion distributions during the October and November 2003 magnetic storms. <i>Planetary and Space Science</i> , 2007 , 55, 829-848	2	42
49	Statistical relations between the probability of occurrence of Pc3-4 pulsations at high latitudes in the antarctic regions and the solar wind and IMF parameters. <i>Geomagnetism and Aeronomy</i> , 2007 , 47, 205-215	0.9	6
48	ULF Waves at Very High Latitudes. <i>Geophysical Monograph Series</i> , 2006 , 137-156	1.1	15
47	Effects of the equatorward auroral boundary location and solar wind parameters on Pc5 activity at auroral zone stations: A multiple regression analysis. <i>Journal of Geophysical Research</i> , 2006 , 111,		5
46	Nature of Pi1B pulsations as inferred from ground and satellite observations. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	39
45	Statistical characteristics of the spatial distribution of Pc3-4 geomagnetic pulsations at high latitudes in the antarctic regions. <i>Geomagnetism and Aeronomy</i> , 2006 , 46, 64-73	0.9	11
44	Density enhancement in plasmasphere-ionosphere plasma during the 2003 Halloween Superstorm: Observations along the 330th magnetic meridian in North America. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	42
43	On the source of Pc1-2 waves in the plasma mantle. <i>Journal of Geophysical Research</i> , 2005 , 110,		15
42	Alfvén wave reflection in a curvilinear magnetic field and formation of Alfvénic resonators on open field lines. <i>Journal of Geophysical Research</i> , 2005 , 110,		12
41	Pc 1 waves and associated unstable distributions of magnetospheric protons observed during a solar wind pressure pulse. <i>Journal of Geophysical Research</i> , 2005 , 110,		54
40	ULF waves associated with enhanced subauroral proton precipitation. <i>Geophysical Monograph Series</i> , 2005 , 71-84	1.1	12
39	Wave acceleration of electrons in the Van Allen radiation belts. <i>Nature</i> , 2005 , 437, 227-30	50.4	429
38	Two-dimensional structure of long-period pulsations at polar latitudes in Antarctica. <i>Journal of Geophysical Research</i> , 2004 , 109,		16
37	Latitudinal and seasonal variations of quasiperiodic and periodic VLF emissions in the outer magnetosphere. <i>Journal of Geophysical Research</i> , 2004 , 109,		38
36	Characterizing the long-period ULF response to magnetic storms. <i>Journal of Geophysical Research</i> , 2003 , 108,		45

35	Multistation studies of the simultaneous occurrence rate of Pc 3 micropulsations and magnetic impulsive events. <i>Journal of Geophysical Research</i> , 2003 , 108,	8
34	A statistical study of traveling convection vortices using the Magnetometer Array for Cusp and Cleft Studies. <i>Journal of Geophysical Research</i> , 2002 , 107, SIA 18-1	19
33	Traveling convection vortices induced by solar wind tangential discontinuities. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 22-1-SMP 22-12	17
32	A traveling convection vortex event study: Instantaneous ionospheric equivalent currents, estimation of field-aligned currents, and the role of induced currents. <i>Journal of Geophysical Research</i> , 2002 , 107, SIA 1-1	27
31	Quiet time magnetotail dynamics and their implications for the substorm trigger. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 6-1-SMP 6-10	27
30	Observations of two types of Pc 1 α pulsations in the outer dayside magnetosphere. <i>Journal of Geophysical Research</i> , 2002 , 107, SMP 20-1-SMP 20-20	80
29	A conjugate study of Pc3 β pulsations at cusp latitudes: Is there a clock angle effect?. <i>Journal of Geophysical Research</i> , 2000 , 105, 15965-15980	6
28	Characteristics of broadband ULF magnetic pulsations at conjugate cusp latitude stations. <i>Journal of Geophysical Research</i> , 1999 , 104, 311-331	32
27	A multipoint determination of the propagation velocity of a sudden commencement across the polar ionosphere. <i>Journal of Geophysical Research</i> , 1999 , 104, 22433-22451	28
26	Structure of disturbances in the dayside and nightside ionosphere during periods of negative interplanetary magnetic field Bz. <i>Journal of Geophysical Research</i> , 1999 , 104, 28019-28039	16
25	The November 9, 1993, traveling convection vortex event: A case study. <i>Journal of Geophysical Research</i> , 1999 , 104, 28041-28058	17
24	The dependence of high-latitude PcS wave power on solar wind velocity and on the phase of high-speed solar wind streams. <i>Journal of Geophysical Research</i> , 1998 , 103, 26271-26283	142
23	The coherence scale length of band-limited Pc3 pulsations in the ionosphere. <i>Geophysical Research Letters</i> , 1998 , 25, 2357-2360	4.9 7
22	Pi1 magnetic pulsations in space and at high latitudes on the ground. <i>Journal of Geophysical Research</i> , 1998 , 103, 23581-23591	32
21	Periodic and quasiperiodic ELF/VLF emissions observed by an array of Antarctic stations. <i>Journal of Geophysical Research</i> , 1998 , 103, 23611-23622	37
20	Ground based observations of Pc3-Pc5 geomagnetic pulsation power at Antarctic McMurdo station. <i>Annals of Geophysics</i> , 1998 , 41,	1.1 1
19	Ground observations and possible source regions of two types of Pc 1-2 micropulsations at very high latitudes. <i>Journal of Geophysical Research</i> , 1997 , 102, 27011-27027	22
18	Frequency variations of quasi-periodic ELF-VLF emissions: A possible new ground-based diagnostic of the outer high-latitude magnetosphere. <i>Journal of Geophysical Research</i> , 1996 , 101, 83-97	6

17	Magnetic impulse events and associated Pc 1 bursts at dayside high latitudes. <i>Journal of Geophysical Research</i> , 1996 , 101, 7793-7799		30
16	Source region of 0.2 to 1.0 Hz geomagnetic pulsation bursts. <i>Geophysical Research Letters</i> , 1996 , 23, 769-772		33
15	Magnetometer array for cusp and cleft studies observations of the spatial extent of broadband ULF magnetic pulsations at cusp/cleft latitudes. <i>Journal of Geophysical Research</i> , 1995 , 100, 19371		91
14	A study of quasi-periodic ELF-VLF emissions at three Antarctic stations: evidence for off-equatorial generation?. <i>Annales Geophysicae</i> , 1994 , 12, 139-146	2	19
13	Optical Evidence that Modulated Electron Precipitation near the Magnetospheric Boundary Drives High Latitude Pc 3 β Magnetic Pulsations 1994 , 361-373		11
12	The role of the ionosphere in coupling upstream ULF wave power into the dayside magnetosphere. <i>Journal of Geophysical Research</i> , 1991 , 96, 1527-1542		74
11	A comparison of ULF fluctuations in the solar wind, magnetosheath, and dayside magnetosphere: 2. Field and plasma conditions in the magnetosheath. <i>Journal of Geophysical Research</i> , 1991 , 96, 3455		50
10	A comparison of ULF fluctuations in the solar wind, magnetosheath, and dayside magnetosphere: 1. Magnetosheath morphology. <i>Journal of Geophysical Research</i> , 1991 , 96, 3441		82
9	Propagation of perturbation energy fluxes in the subsolar magnetosheath: AMPTE IRM observations. <i>Geophysical Research Letters</i> , 1991 , 18, 1667-1670	4.9	14
8	Ionospheric signatures of cusp latitude Pc 3 pulsations. <i>Journal of Geophysical Research</i> , 1990 , 95, 2447		42
7	Toroidal standing waves excited by a storm sudden commencement: DE 1 observations. <i>Journal of Geophysical Research</i> , 1990 , 95, 7857		16
6	A statistical study of Pc 3 β pulsations observed by the AMPTE/CCE Magnetic Fields Experiment, 1. Occurrence distributions. <i>Journal of Geophysical Research</i> , 1990 , 95, 10495		191
5	Bursts of Pc 1-2 near the ionospheric footprint of the cusp and their relationship to flux transfer events. <i>Journal of Geophysical Research</i> , 1988 , 93, 1007		37
4	Review of hydromagnetic wave studies in the Antarctic. <i>Reviews of Geophysics</i> , 1988 , 26, 181	23.1	42
3	Simultaneous observation of Pc 3 β pulsations in the solar wind and in the Earth's magnetosphere. <i>Journal of Geophysical Research</i> , 1987 , 92, 10053		71
2	The Role of Field-Aligned Currents Patterns in Generating Morning Sector Pi 1 Pulsations at Sub-Auroral Latitudes. <i>Geophysical Monograph Series</i> , 1984 , 331-339	1.1	2
1	Correlated irregular magnetic pulsations and optical emissions observed at Siple Station, Antarctica. <i>Journal of Geophysical Research</i> , 1983 , 88, 4841		23