

# Guan Le

## 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.

159  
papers

4,297  
citations

33  
h-index

58  
g-index

163  
ext. papers

4,728  
ext. citations

4  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
159	MMS Observations of Field Line Resonances Under Disturbed Solar Wind Conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028936	2.6	0
158	Thermal Electron Behavior in Obliquely Propagating Whistler Waves: MMS Observations in the Solar Wind. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL094099	4.9	1
157	A statistical study of three-second foreshock ULF waves observed by the Magnetospheric Multiscale mission. <i>Physics of Plasmas</i> , <b>2021</b> , 28, 082901	2.1	1
156	Observations of an Electron-Cold Ion Component Reconnection at the Edge of an Ion-Scale Antiparallel Reconnection at the Dayside Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029390	2.6	
155	Solitary Magnetic Structures at Quasi-Parallel Collisionless Shocks: Formation. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL090800	4.9	6
154	Self-consistent kinetic model of nested electron- and ion-scale magnetic cavities in space plasmas. <i>Nature Communications</i> , <b>2020</b> , 11, 5616	17.4	8
153	Dayside Magnetosphere Interactions. <i>Geophysical Monograph Series</i> , <b>2020</b> , 303-306	1.1	
152	Transient Phenomena at the Magnetopause and Bow Shock and Their Ground Signatures. <i>Geophysical Monograph Series</i> , <b>2020</b> , 11-37	1.1	6
151	Comparative Analysis of the Vlasiator Simulations and MMS Observations of Multiple X-Line Reconnection and Flux Transfer Events. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027410	2.6	8
150	Transient Solar Wind-Magnetosphere-Ionosphere Interaction Associated with Foreshock and Magnetosheath Transients and Localized Magnetopause Reconnection. <i>Geophysical Monograph Series</i> , <b>2020</b> , 39-53	1.1	3
149	Selective Acceleration of O+ by Drift-Bounce Resonance in the Earth's Magnetosphere: MMS Observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027686	2.6	6
148	Upstream Ultra-Low Frequency Waves Observed by MESSENGER's Magnetometer: Implications for Particle Acceleration at Mercury's Bow Shock. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL087350	4.9	6
147	A Case Study of Nonresonant Mode 3-s ULF Waves Observed by MMS. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028557	2.6	1
146	Dissipation of Earthward Propagating Flux Rope Through Re-reconnection with Geomagnetic Field: An MMS Case Study. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 7477-7493	2.6	6
145	MMS Study of the Structure of Ion-Scale Flux Ropes in the Earth's Cross-Tail Current Sheet. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 6168-6177	4.9	19
144	MMS observations of electron scale magnetic cavity embedded in proton scale magnetic cavity. <i>Nature Communications</i> , <b>2019</b> , 10, 1040	17.4	27
143	The Geometry of an Electron Scale Magnetic Cavity in the Plasma Sheet. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 9308-9317	4.9	7

142	ULF Waves Modulating and Acting as Mass Spectrometer for Dayside Ionospheric Outflow Ions. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 8633-8642	4.9	10
141	Direct Measurement of the Dissipation Rate Spectrum around Ion Kinetic Scales in Space Plasma Turbulence. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 121	4.7	22
140	MMS Observations of Plasma Heating Associated With FTE Growth. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 12654-12664	4.9	14
139	The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 93-103	2.6	18
138	Quantifying the Effect of Non-Larmor Motion of Electrons on the Pressure Tensor. <i>Physics of Plasmas</i> , <b>2018</b> , 25,	2.1	4
137	Geomagnetic Storms: First-Principles Models for Extreme Geospace Environment <b>2018</b> , 231-258		2
136	MMS Examination of FTEs at the Earth's Subsolar Magnetopause. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 1224-1241	2.6	31
135	Drift-Bounce Resonance Between Pc5 Pulsations and Ions at Multiple Energies in the Nightside Magnetosphere: Arase and MMS Observations. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 7277-7286	4.9	11
134	Near-Earth Magnetic Field Effects of Large-Scale Magnetospheric Currents. <i>Space Sciences Series of ISSI</i> , <b>2018</b> , 529-553	0.1	
133	Multiscale Currents Observed by MMS in the Flow Braking Region. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 1260-1278	2.6	27
132	Electron Heating at Kinetic Scales in Magnetosheath Turbulence. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 247	4.7	40
131	Global observations of magnetospheric high- poloidal waves during the 22 June 2015 magnetic storm. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 3456-3464	4.9	33
130	Structure, force balance, and topology of Earth's magnetopause. <i>Science</i> , <b>2017</b> , 356, 960-963	33.3	7
129	Structure and evolution of flux transfer events near dayside magnetic reconnection dissipation region: MMS observations. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 5951-5959	4.9	19
128	Lower Hybrid Drift Waves and Electromagnetic Electron Space-Phase Holes Associated With Dipolarization Fronts and Field-Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 12,236-12,257	2.6	24
127	Near-Earth plasma sheet boundary dynamics during substorm dipolarization. <i>Earth, Planets and Space</i> , <b>2017</b> , 69, 129	2.9	14
126	Near-Earth Magnetic Field Effects of Large-Scale Magnetospheric Currents. <i>Space Science Reviews</i> , <b>2017</b> , 206, 521-545	7.5	30
125	The FIELDS Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products <b>2017</b> , 105-135		0

124	Optimized merging of search coil and fluxgate data for MMS. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , <b>2016</b> , 5, 521-530	1.5	18
123	Force balance at the magnetopause determined with MMS: Application to flux transfer events. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 11,941-11,947	4.9	25
122	Multispacecraft analysis of dipolarization fronts and associated whistler wave emissions using MMS data. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 7279-7286	4.9	38
121	A comparative study of dipolarization fronts at MMS and Cluster. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 6012-6019	4.9	32
120	Electrodynamic context of magnetopause dynamics observed by magnetospheric multiscale. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5988-5996	4.9	8
119	Whistler mode waves and Hall fields detected by MMS during a dayside magnetopause crossing. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 5943-5952	4.9	36
118	The FIELDS Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products. <i>Space Science Reviews</i> , <b>2016</b> , 199, 105-135	7.5	292
117	The Magnetospheric Multiscale Magnetometers. <i>Space Science Reviews</i> , <b>2016</b> , 199, 189-256	7.5	670
116	Optimized Merging of Search Coil and Fluxgate Data for MMS <b>2016</b> ,		2
115	Magnetopause erosion during the 17 March 2015 magnetic storm: Combined field-aligned currents, auroral oval, and magnetopause observations. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 2396-2404	4.9	27
114	Empirical modeling of the storm time innermost magnetosphere using Van Allen Probes and THEMIS data: Eastward and banana currents. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 157-170	2.6	32
113	Transient, small-scale field-aligned currents in the plasma sheet boundary layer during storm time substorms. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4841-4849	4.9	23
112	Wave telescope technique for MMS magnetometer. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4774-4780	4.9	10
111	Decay of mesoscale flux transfer events during quasi-continuous spatially extended reconnection at the magnetopause. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 4755-4762	4.9	23
110	Steepening of waves at the duskside magnetopause. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 7373-7380	4.9	7
109	Challenges in Measuring External Currents Driven by the Solar Wind-Magnetosphere Interaction. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , <b>2015</b> , 26, 11	1.8	
108	Magnetospheric boundary perturbations on MHD and kinetic scales. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 113-137	2.6	5
107	A large-scale view of Space Technology 5 magnetometer response to solar wind drivers. <i>Earth and Space Science</i> , <b>2015</b> , 2, 115-124	3.1	4

106	Observations of magnetospheric high-m poloidal waves by ST-5 satellites in low Earth orbit during geomagnetically quiet times. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 4776-4783	2.6	8
105	Response of reverse convection to fast IMF transitions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 4020-4037	2.6	4
104	Relationship between plasma bubbles and density enhancements: Observations and interpretation. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 1325-1336	2.6	27
103	Mirror Mode Waves at Comet Halley. <i>Geophysical Monograph Series</i> , <b>2013</b> , 161-169	1.1	4
102	The Magnetic Field Turbulence at Comet Halley Observed by Vega 1 and 2. <i>Geophysical Monograph Series</i> , <b>2013</b> , 273-276	1.1	
101	A Parametric Study of the Solar Wind Interaction with Comets. <i>Geophysical Monograph Series</i> , <b>2013</b> , 65-72	1	2
100	Upstream ultra-low frequency waves in Mercury's foreshock region: MESSENGER magnetic field observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 2809-2823	2.6	33
99	The Morphology of ULF Waves in the Earth's Foreshock. <i>Geophysical Monograph Series</i> , <b>2013</b> , 87-98	1.1	30
98	Equatorial ionosphere semiannual oscillation investigated from Schumann resonance measurements on board the C/NOFS satellite. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 12,045-12,051	4.4	1
97	A high-resolution model of field-aligned currents through empirical orthogonal functions analysis (MFACE). <i>Geophysical Research Letters</i> , <b>2012</b> , 39,	4.9	53
96	Comparison of self-consistent simulations with observed magnetic field and ion plasma parameters in the ring current during the 10 August 2000 magnetic storm. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		12
95	Space Technology 5 multipoint observations of transpolar arc-related field-aligned currents. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		6
94	Observations of a unique type of ULF wave by low-altitude Space Technology 5 satellites. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		17
93	Structure, force balance, and evolution of incompressible cross-tail current sheet thinning. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		18
92	Observations of low-latitude plasma density enhancements and their associated plasma drifts. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		21
91	C/NOFS measurements of magnetic perturbations in the low-latitude ionosphere during magnetic storms. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		17
90	Characteristics of the terrestrial field-aligned current system. <i>Annales Geophysicae</i> , <b>2011</b> , 29, 1713-1729	2	49
89	Space Technology 5 observations of the imbalance of regions 1 and 2 field-aligned currents and its implication to the cross-polar cap Pedersen currents. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		21

88	Observations of DC electric fields in the low-latitude ionosphere and their variations with local time, longitude, and plasma density during extreme solar minimum. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		58
87	A new time-dependent ionosphere-magnetosphere coupling model: Comparison of field-aligned currents against ST5 observations. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2010</b> , 72, 369-373 <sup>2</sup>		1
86	Space Technology 5 multipoint observations of temporal and spatial variability of field-aligned currents. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		14
85	Space Technology 5 measurements of auroral field-aligned current sheet motion. <i>Geophysical Research Letters</i> , <b>2009</b> , 36, n/a-n/a	4-9	8
84	Space Technology 5 multi-point measurements of near-Earth magnetic fields: Initial results. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4-9	34
83	Flux transfer events simultaneously observed by Polar and Cluster: Flux rope in the subsolar region and flux tube addition to the polar cusp. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		11
82	Temporal and spatial characteristics of Pc1 waves observed by ST5. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		49
81	Magnetic field gradients from the ST-5 constellation: Improving magnetic and thermal models of the lithosphere. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4-9	18
80	Are sawtooth oscillations of energetic plasma particle fluxes caused by periodic substorms or driven by solar wind pressure enhancements?. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		24
79	Geotail-Polar Observation of Substorm-Time Field Increase in the Tail and the Polar Magnetosphere. <i>COSPAR Colloquia Series</i> , <b>2005</b> , 16, 172-176		
78	Cluster observation of continuous reconnection at dayside magnetopause in the vicinity of cusp. <i>Annales Geophysicae</i> , <b>2005</b> , 23, 2199-2215	2	8
77	Coordinated polar spacecraft, geosynchronous spacecraft, and ground-based observations of magnetopause processes and their coupling to the ionosphere. <i>Annales Geophysicae</i> , <b>2004</b> , 22, 4329-4350 <sup>2</sup>		8
76	Morphology of the ring current derived from magnetic field observations. <i>Annales Geophysicae</i> , <b>2004</b> , 22, 1267-1295	2	113
75	Ion injections and magnetic field oscillations near the high-latitude magnetopause associated with solar wind dynamic pressure enhancement. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		12
74	Periodic magnetospheric substorms during fluctuating interplanetary magnetic field Bz. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4-9	25
73	Three Second Waves Observed Upstream Of The Earth's Bow Shock. <i>AIP Conference Proceedings</i> , <b>2003</b> ,	0	1
72	Properties of localized, high latitude, dayside aurora. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		24
71	Plasma density enhancements associated with equatorial spread F: ROCSAT-1 and DMSP observations. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		59

70	Periodic magnetospheric substorms and their relationship with solar wind variations. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		62
69	Periodic magnetospheric substorms: Multiple space-based and ground-based instrumental observations. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		54
68	Polarization characteristics of dayside PI 2 pulsation on June 14, 1998. <i>Advances in Space Research</i> , <b>2002</b> , 30, 2339-2343	2.4	
67	Substorm-time magnetic field perturbations in the polar magnetosphere: POLAR observations. <i>Earth, Planets and Space</i> , <b>2002</b> , 54, 963-971	2.9	2
66	Strong interplanetary magnetic field By-related plasma convection in the ionosphere and cusp field-aligned currents under northward interplanetary magnetic field conditions. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 34-1-SMP 34-14		11
65	Reply to comment by T. Kikuchi and T. Araki on Propagation of the preliminary reverse impulse of sudden commencements to low latitudes. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SMP 33-1-SMP 33-2		7
64	Factors controlling the diamagnetic pressure in the polar cusp. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 915-918	4.9	6
63	Propagation of the preliminary reverse impulse of sudden commencements to low latitudes. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 18857-18864		46
62	Polar cusp and vicinity under strongly northward interplanetary magnetic field on April 11, 1997: Observations and MHD simulations. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 21083-21093		16
61	Electromagnetic ion cyclotron waves in the high-altitude cusp: Polar observations. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 19067-19079		44
60	Low latitude magnetometer chain in China in the frame of the MERIDIAN project. <i>Advances in Space Research</i> , <b>2000</b> , 25, 1353-1356	2.4	2
59	The extreme compression of the magnetosphere on May 4, 1998, as observed by the POLAR spacecraft. <i>Advances in Space Research</i> , <b>2000</b> , 25, 1369-1375	2.4	25
58	Sino-Magnetic Array at Low Latitudes (SMALL) including initial results from the sister sites in the United States. <i>Advances in Space Research</i> , <b>2000</b> , 25, 1343-1351	2.4	11
57	Magnetosphere on May 11, 1999, the day the solar wind almost disappeared: II. Magnetic pulsations in space and on the ground. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 2165-2168	4.9	12
56	Plasmaspheric depletion and refilling associated with the September 25, 1998 magnetic storm observed by ground magnetometers at L = 2. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 633-636	4.9	55
55	The magnetosphere on May 11, 1999, the day the solar wind almost disappeared: I. Current systems. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 1827-1830	4.9	18
54	Solar wind control of the polar cusp at high altitude. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 245-251		89
53	Local time and interplanetary magnetic field By dependence of field-aligned currents at high altitudes. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 2533-2539		16

52	Cusp observations of high- and low-latitude reconnection for northward IMF: An alternate view. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 5489-5495		32
51	AGU section-wide electronic connections: A case history from SPA. <i>Eos</i> , <b>2000</b> , 81, 114	1.5	
50	Comparison of three techniques for locating a resonating magnetic field line. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>1999</b> , 61, 1289-1297	2	7
49	The polar cusp location and its dependence on dipole tilt. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 429-432	4.9	49
48	The magnetic and plasma structure of flux transfer events. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 233-245		13
47	Identification of foreshock waves with 3-s periods. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 4643-4656		15
46	A study of the inner magnetosphere based on data of Polar. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 10275-10283		17
45	MHD model of magnetosheath flow: comparison with AMPTE/IRM observations on 24 October, 1985. <i>Annales Geophysicae</i> , <b>1998</b> , 16, 518-527	2	23
44	Initial Polar magnetic field experiment observations of the low-altitude polar magnetosphere: Monitoring the ring current with polar orbiting spacecraft. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 17345-17350		5
43	Entry of the POLAR spacecraft into the polar cusp under northward IMF conditions. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 3015-3018	4.9	31
42	POLAR magnetic observations of the low-altitude magnetosphere during the January 1997 coronal mass ejection/magnetic cloud event. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 2533-2536	4.9	14
41	POLAR magnetic field observations at apogee during the January 1997 magnetic cloud event. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 2541-2544	4.9	5
40	Polar magnetopause crossings of May 29, 1996: Implications for magnetic field modeling. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 17323-17332		6
39	Magnetopause structure and the role of reconnection at the outer planets. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 24289-24302		62
38	Initial POLAR MFE observation of substorm signatures in the polar magnetosphere. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 1459-1462	4.9	3
37	Comparison of observed and model magnetic fields at high altitudes above the polar cap: POLAR initial results. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 1451-1454	4.9	19
36	Field aligned currents in the high latitude, high altitude magnetosphere: POLAR initial results. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 1455-1458	4.9	11
35	Intrinsic time scale for reconnection on the dayside magnetopause. <i>Advances in Space Research</i> , <b>1997</b> , 19, 1913-1917	2.4	11



34	Initial results from the POLAR magnetic fields investigation. <i>Advances in Space Research</i> , <b>1997</b> , 20, 833-839		2
33	Large scale structures in the magnetosheath: Exogenous or endogenous in origin?. <i>Geophysical Research Letters</i> , <b>1996</b> , 23, 105-108	4.9	17
32	Solar wind control of upstream wave frequency. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 2571-2575		27
31	A synoptic study of Pc 3, 4 waves using the Air Force Geophysics Laboratory magnetometer array. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 13215-13224		17
30	Comment on Pressure-pulse driven surface waves at the magnetopause: A rebuttal by D. G. Sibeck and P. T. Newell. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 13349-13350		2
29	Observations of magnetic reconnection at the lobe magnetopause. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 24765-24773		30
28	ISEE observations of low-latitude boundary layer for northward interplanetary magnetic field: Implications for cusp reconnection. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 27239-27249		72
27	The occurrence rate of flux transfer events. <i>Advances in Space Research</i> , <b>1996</b> , 18, 197-205	2.4	28
26	The GGS/POLAR magnetic fields investigation. <i>Space Science Reviews</i> , <b>1995</b> , 71, 563-582	7.5	202
25	ULF waves in the foreshock. <i>Advances in Space Research</i> , <b>1995</b> , 15, 71-84	2.4	65
24	Experimental studies of the properties of simulated upstream turbulence using a statistical multipoint method. <i>Advances in Space Research</i> , <b>1995</b> , 15, 117-123	2.4	10
23	Statistical studies of flux transfer events. <i>Journal of Geophysical Research</i> , <b>1995</b> , 100, 3513-3519		62
22	Observational differences between flux transfer events and surface waves at the magnetopause. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 2309		37
21	The thickness and structure of high beta magnetopause current layer. <i>Geophysical Research Letters</i> , <b>1994</b> , 21, 2451-2454	4.9	35
20	Pc 3 and Pc 4 activity during a long period of low interplanetary magnetic field cone angle as detected across the Institute of Geological Sciences Array. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 11127		16
19	Structure of the magnetopause for low Mach number and strongly northward interplanetary magnetic field. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 23723		19
18	Effect of sudden solar wind dynamic pressure changes at subauroral latitudes: Time rate of change of magnetic field. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 1-4	4.9	4
17	Effect of sudden solar wind dynamic pressure changes at subauroral latitudes: Change in magnetic field. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 3983-3990		22

16	Flux transfer events: Spontaneous or driven?. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 791-794	4.9	50
15	Coherence lengths of upstream ULF waves: Dual ISEE observations. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 1755-1758	4.9	10
14	Comment [on Evidence for proton cyclotron waves near comet Giacobini-Zinner] <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 2491-2492	4.9	2
13	Observations of a new class of upstream waves with periods near 3 seconds. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 2917-2925		35
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11	A study of ULF wave foreshock morphology: ULF foreshock boundary. <i>Planetary and Space Science</i> , <b>1992</b> , 40, 1203-1213	2	52
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8	A study of the coherence length of ULF waves in the Earth's foreshock. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 10703		29
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