Guan Le

List of Publications by Citations

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	The Magnetospheric Multiscale Magnetometers. *Space Science Reviews*, **2016**, 199, 189-256	7.5	670
158	The FIELDS Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products. *Space Science Reviews*, **2016**, 199, 105-135	7.5	292
157	The GGS/POLAR magnetic fields investigation. *Space Science Reviews*, **1995**, 71, 563-582	7.5	202
156	Morphology of the ring current derived from magnetic field observations. *Annales Geophysicae*, **2004**, 22, 1267-1295	2	113
155	Solar wind control of the polar cusp at high altitude. *Journal of Geophysical Research*, **2000**, 105, 245-251		89
154	The effect of solar wind dynamic pressure changes on low and mid-latitude magnetic records. *Geophysical Research Letters*, **1992**, 19, 1227-1230	4.9	80
153	ISEE observations of low-latitude boundary layer for northward interplanetary magnetic field: Implications for cusp reconnection. *Journal of Geophysical Research*, **1996**, 101, 27239-27249		72
152	ULF waves in the foreshock. *Advances in Space Research*, **1995**, 15, 71-84	2.4	65
151	Magnetopause structure and the role of reconnection at the outer planets. *Journal of Geophysical Research*, **1997**, 102, 24289-24302		62
150	Periodic magnetospheric substorms and their relationship with solar wind variations. *Journal of Geophysical Research*, **2003**, 108,		62
149	Statistical studies of flux transfer events. *Journal of Geophysical Research*, **1995**, 100, 3513-3519		62
148	Plasma density enhancements associated with equatorial spread F: ROCSAT-1 and DMSP observations. *Journal of Geophysical Research*, **2003**, 108,		59
147	Observations of DC electric fields in the low-latitude ionosphere and their variations with local time, longitude, and plasma density during extreme solar minimum. *Journal of Geophysical Research* , **2010**, 115, n/a-n/a		58
146	Plasmaspheric depletion and refilling associated with the September 25, 1998 magnetic storm observed by ground magnetometers at L = 2. *Geophysical Research Letters*, **2000**, 27, 633-636	4.9	55
145	Periodic magnetospheric substorms: Multiple space-based and ground-based instrumental observations. *Journal of Geophysical Research*, **2003**, 108,		54
144	A high-resolution model of field-aligned currents through empirical orthogonal functions analysis (MFACE). *Geophysical Research Letters*, **2012**, 39,	4.9	53
143	A study of ULF wave foreshock morphology□ ULF foreshock boundary. *Planetary and Space Science*, **1992**, 40, 1203-1213	2	52

142	Flux transfer events: Spontaneous or driven?. *Geophysical Research Letters*, **1993**, 20, 791-794	4.9	50
141	A study of ULF wave foreshock morphology□: spatial variation of ULF waves. *Planetary and Space Science*, **1992**, 40, 1215-1225	2	50
140	Characteristics of the terrestrial field-aligned current system. *Annales Geophysicae*, **2011**, 29, 1713-1729	2	49
139	Temporal and spatial characteristics of Pc1 waves observed by ST5. *Journal of Geophysical Research*, **2008**, 113, n/a-n/a		49
138	The polar cusp location and its dependence on dipole tilt. *Geophysical Research Letters*, **1999**, 26, 429-432	4.9	49
137	Propagation of the preliminary reverse impulse of sudden commencements to low latitudes. *Journal of Geophysical Research*, **2001**, 106, 18857-18864		46
136	Electromagnetic ion cyclotron waves in the high-altitude cusp: Polar observations. *Journal of Geophysical Research*, **2001**, 106, 19067-19079		44
135	Electron Heating at Kinetic Scales in Magnetosheath Turbulence. *Astrophysical Journal*, **2017**, 836, 247	4.7	40
134	Multispacecraft analysis of dipolarization fronts and associated whistler wave emissions using MMS data. *Geophysical Research Letters*, **2016**, 43, 7279-7286	4.9	38
133	Observational differences between flux transfer events and surface waves at the magnetopause. *Journal of Geophysical Research*, **1994**, 99, 2309		37
132	Whistler mode waves and Hall fields detected by MMS during a dayside magnetopause crossing. *Geophysical Research Letters*, **2016**, 43, 5943-5952	4.9	36
131	The thickness and structure of high beta magnetopause current layer. *Geophysical Research Letters*, **1994**, 21, 2451-2454	4.9	35
130	Observations of a new class of upstream waves with periods near 3 seconds. *Journal of Geophysical Research*, **1992**, 97, 2917-2925		35
129	Space Technology 5 multi-point measurements of near-Earth magnetic fields: Initial results. *Geophysical Research Letters*, **2008**, 35,	4.9	34
128	Global observations of magnetospheric high- poloidal waves during the 22 June 2015 magnetic storm. *Geophysical Research Letters*, **2017**, 44, 3456-3464	4.9	33
127	Upstream ultra-low frequency waves in Mercury's foreshock region: MESSENGER magnetic field observations. *Journal of Geophysical Research: Space Physics*, **2013**, 118, 2809-2823	2.6	33
126	A comparative study of dipolarization fronts at MMS and Cluster. *Geophysical Research Letters*, **2016**, 43, 6012-6019	4.9	32
125	Cusp observations of high- and low-latitude reconnection for northward IMF: An alternate view. *Journal of Geophysical Research*, **2000**, 105, 5489-5495		32

124	Empirical modeling of the storm time innermost magnetosphere using Van Allen Probes and THEMIS data: Eastward and banana currents. *Journal of Geophysical Research: Space Physics*, **2016**, 121, 157-170	2.6	32
123	MMS Examination of FTEs at the Earth's Subsolar Magnetopause. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 1224-1241	2.6	31
122	Entry of the POLAR spacecraft into the polar cusp under northward IMF conditions. *Geophysical Research Letters*, **1998**, 25, 3015-3018	4.9	31
121	Near-Earth Magnetic Field Effects of Large-Scale Magnetospheric Currents. *Space Science Reviews*, **2017**, 206, 521-545	7.5	30
120	The Morphology of ULF Waves in the Earth's Foreshock. *Geophysical Monograph Series*, **2013**, 87-98	1.1	30
119	Observations of magnetic reconnection at the lobe magnetopause. *Journal of Geophysical Research*, **1996**, 101, 24765-24773		30
118	A study of the coherence length of ULF waves in the Earth's foreshock. *Journal of Geophysical Research*, **1990**, 95, 10703		29
117	The occurrence rate of flux transfer events. *Advances in Space Research*, **1996**, 18, 197-205	2.4	28
116	MMS observations of electron scale magnetic cavity embedded in proton scale magnetic cavity. *Nature Communications*, **2019**, 10, 1040	17.4	27
115	Relationship between plasma bubbles and density enhancements: Observations and interpretation. *Journal of Geophysical Research: Space Physics*, **2014**, 119, 1325-1336	2.6	27
114	Solar wind control of upstream wave frequency. *Journal of Geophysical Research*, **1996**, 101, 2571-2575		27
113	Magnetopause erosion during the 17 March 2015 magnetic storm: Combined field-aligned currents, auroral oval, and magnetopause observations. *Geophysical Research Letters*, **2016**, 43, 2396-2404	4.9	27
112	Multiscale Currents Observed by MMS in the Flow Braking Region. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 1260-1278	2.6	27
111	Force balance at the magnetopause determined with MMS: Application to flux transfer events. *Geophysical Research Letters*, **2016**, 43, 11,941-11,947	4.9	25
110	Periodic magnetospheric substorms during fluctuating interplanetary magnetic field Bz. *Geophysical Research Letters*, **2004**, 31,	4.9	25
109	The extreme compression of the magnetosphere on May 4, 1998, as observed by the POLAR spacecraft. *Advances in Space Research*, **2000**, 25, 1369-1375	2.4	25
108	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. *Journal of Geophysical Research: Space Physics*, **2017**, 122, 12,236-12,257	2.6	24
107	Are sawtooth oscillations of energetic plasma particle fluxes caused by periodic substorms or driven by solar wind pressure enhancements?. *Journal of Geophysical Research*, **2005**, 110,		24

106	Properties of localized, high latitude, dayside aurora. *Journal of Geophysical Research*, **2003**, 108,		24
105	MHD model of magnetosheath flow: comparison with AMPTE/IRM observations on 24 October, 1985. *Annales Geophysicae*, **1998**, 16, 518-527	2	23
104	Transient, small-scale field-aligned currents in the plasma sheet boundary layer during storm time substorms. *Geophysical Research Letters*, **2016**, 43, 4841-4849	4.9	23
103	Decay of mesoscale flux transfer events during quasi-continuous spatially extended reconnection at the magnetopause. *Geophysical Research Letters*, **2016**, 43, 4755-4762	4.9	23
102	Direct Measurement of the Dissipation Rate Spectrum around Ion Kinetic Scales in Space Plasma Turbulence. *Astrophysical Journal*, **2019**, 880, 121	4.7	22
101	Effect of sudden solar wind dynamic pressure changes at subauroral latitudes: Change in magnetic field. *Journal of Geophysical Research*, **1993**, 98, 3983-3990		22
100	Discrete wave packets upstream from the Earth and comets. *Journal of Geophysical Research*, **1989**, 94, 3755		22
99	Observations of low-latitude plasma density enhancements and their associated plasma drifts. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		21
98	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. *Journal of Geophysical Research*, **2010**, 115,		21
97	Structure and evolution of flux transfer events near dayside magnetic reconnection dissipation region: MMS observations. *Geophysical Research Letters*, **2017**, 44, 5951-5959	4.9	19
96	MMS Study of the Structure of Ion-Scale Flux Ropes in the Earth's Cross-Tail Current Sheet. *Geophysical Research Letters*, **2019**, 46, 6168-6177	4.9	19
95	Comparison of observed and model magnetic fields at high altitudes above the polar cap: POLAR initial results. *Geophysical Research Letters*, **1997**, 24, 1451-1454	4.9	19
94	Structure of the magnetopause for low Mach number and strongly northward interplanetary magnetic field. *Journal of Geophysical Research*, **1994**, 99, 23723		19
93	Optimized merging of search coil and fluxgate data for MMS. *Geoscientific Instrumentation, Methods and Data Systems*, **2016**, 5, 521-530	1.5	18
92	The Properties of Lion Roars and Electron Dynamics in Mirror Mode Waves Observed by the Magnetospheric MultiScale Mission. *Journal of Geophysical Research: Space Physics*, **2018**, 123, 93-103	2.6	18
91	Structure, force balance, and evolution of incompressible cross-tail current sheet thinning. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		18
90	Magnetic field gradients from the ST-5 constellation: Improving magnetic and thermal models of the lithosphere. *Geophysical Research Letters*, **2007**, 34,	4.9	18
89	The magnetosphere on May 11, 1999, the day the solar wind almost disappeared: I. Current systems. *Geophysical Research Letters*, **2000**, 27, 1827-1830	4.9	18

88	Observations of a unique type of ULF wave by low-altitude Space Technology 5 satellites. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		17
87	C/NOFS measurements of magnetic perturbations in the low-latitude ionosphere during magnetic storms. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		17
86	A study of the inner magnetosphere based on data of Polar. *Journal of Geophysical Research*, **1999**, 104, 10275-10283		17
85	Large scale structures in the magnetosheath: Exogenous or endogenous in origin?. *Geophysical Research Letters*, **1996**, 23, 105-108	4.9	17
84	A synoptic study of Pc 3, 4 waves using the Air Force Geophysics Laboratory magnetometer array. *Journal of Geophysical Research*, **1996**, 101, 13215-13224		17
83	Local time and interplanetary magnetic field By dependence of field-aligned currents at high altitudes. *Journal of Geophysical Research*, **2000**, 105, 2533-2539		16
82	Polar cusp and vicinity under strongly northward interplanetary magnetic field on April 11, 1997: Observations and MHD simulations. *Journal of Geophysical Research*, **2001**, 106, 21083-21093		16
81	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. *Journal of Geophysical Research*, **1994**, 99, 11127		16
80	Identification of foreshock waves with 3-s periods. *Journal of Geophysical Research*, **1999**, 104, 4643-4656		15
79	ULF waves at comets Halley and Giacobini-Zinner: Comparison with simulations. *Journal of Geophysical Research*, **1989**, 94, 11989		15
78	Observations of the magnetic fluctuation enhancement in the Earth's foreshock region. *Geophysical Research Letters*, **1990**, 17, 905-908	4.9	15
77	Near-Earth plasma sheet boundary dynamics during substorm dipolarization. *Earth, Planets and Space*, **2017**, 69, 129	2.9	14
76	Space Technology 5 multipoint observations of temporal and spatial variability of field-aligned currents. *Journal of Geophysical Research*, **2009**, 114, n/a-n/a		14
75	POLAR magnetic observations of the low-altitude magnetosphere during the January 1997 coronal mass ejection/magnetic cloud event. *Geophysical Research Letters*, **1998**, 25, 2533-2536	4.9	14
74	MMS Observations of Plasma Heating Associated With FTE Growth. *Geophysical Research Letters*, **2019**, 46, 12654-12664	4.9	14
73	The magnetic and plasma structure of flux transfer events. *Journal of Geophysical Research*, **1999**, 104, 233-245		13
72	Comparison of self-consistent simulations with observed magnetic field and ion plasma parameters in the ring current during the 10 August 2000 magnetic storm. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		12
71	Ion injections and magnetic field oscillations near the high-latitude magnetopause associated with solar wind dynamic pressure enhancement. *Journal of Geophysical Research*, **2004**, 109,		12

70	Magnetosphere on May 11, 1999, the day the solar wind almost disappeared: II. Magnetic pulsations in space and on the ground. *Geophysical Research Letters*, **2000**, 27, 2165-2168	4.9	12
69	Drift-Bounce Resonance Between Pc5 Pulsations and Ions at Multiple Energies in the Nightside Magnetosphere: Arase and MMS Observations. *Geophysical Research Letters*, **2018**, 45, 7277-7286	4.9	11
68	Field aligned currents in the high latitude, high altitude magnetosphere: POLAR initial results. *Geophysical Research Letters*, **1997**, 24, 1455-1458	4.9	11
67	Intrinsic time scale for reconnection on the dayside magnetopause. *Advances in Space Research*, **1997**, 19, 1913-1917	2.4	11
66	Flux transfer events simultaneously observed by Polar and Cluster: Flux rope in the subsolar region and flux tube addition to the polar cusp. *Journal of Geophysical Research*, **2008**, 113, n/a-n/a		11
65	Strong interplanetary magnetic field By-related plasma convection in the ionosphere and cusp field-aligned currents under northward interplanetary magnetic field conditions. *Journal of Geophysical Research*, **2002**, 107, SMP 34-1-SMP 34-14		11
64	Sino-Magnetic Array at Low Latitudes (SMALL) including initial results from the sister sites in the United States. *Advances in Space Research*, **2000**, 25, 1343-1351	2.4	11
63	ULF Waves Modulating and Acting as Mass Spectrometer for Dayside Ionospheric Outflow Ions. *Geophysical Research Letters*, **2019**, 46, 8633-8642	4.9	10
62	Experimental studies of the properties of simulated upstream turbulence using a statistical multipoint method. *Advances in Space Research*, **1995**, 15, 117-123	2.4	10
61	Coherence lengths of upstream ULF waves: Dual ISEE observations. *Geophysical Research Letters*, **1993**, 20, 1755-1758	4.9	10
60	Wave telescope technique for MMS magnetometer. *Geophysical Research Letters*, **2016**, 43, 4774-4780	4.9	10
59	Self-consistent kinetic model of nested electron- and ion-scale magnetic cavities in space plasmas. *Nature Communications*, **2020**, 11, 5616	17.4	8
58	Comparative Analysis of the Vlasiator Simulations and MMS Observations of Multiple X-Line Reconnection and Flux Transfer Events. *Journal of Geophysical Research: Space Physics*, **2020**, 125, e2019JA027410	2.6	8
57	Electrodynamic context of magnetopause dynamics observed by magnetospheric multiscale. *Geophysical Research Letters*, **2016**, 43, 5988-5996	4.9	8
56	Observations of magnetospheric high-m poloidal waves by ST-5 satellites in low Earth orbit during geomagnetically quiet times. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 4776-4783	2.6	8
55	Space Technology 5 measurements of auroral field-aligned current sheet motion. *Geophysical Research Letters*, **2009**, 36, n/a-n/a	4.9	8
54	Coordinated polar spacecraft, geosynchronous spacecraft, and ground-based observations of magnetopause processes and their coupling to the ionosphere. *Annales Geophysicae*, **2004**, 22, 4329-4350	2	8
53	Cluster observation of continuous reconnection at dayside magnetopause in the vicinity of cusp. *Annales Geophysicae*, **2005**, 23, 2199-2215	2	8

52	Structure, force balance, and topology of Earth's magnetopause. *Science*, **2017**, 356, 960-963	33.3	7
51	The Geometry of an Electron Scale Magnetic Cavity in the Plasma Sheet. *Geophysical Research Letters*, **2019**, 46, 9308-9317	4.9	7
50	Reply to comment by T. Kikuchi and T. Araki on Propagation of the preliminary reverse impulse of sudden commencements to low latitudes. *Journal of Geophysical Research*, **2002**, 107, SMP 33-1-SMP 33-2		7
49	Comparison of three techniques for locating a resonating magnetic field line. *Journal of Atmospheric and Solar-Terrestrial Physics*, **1999**, 61, 1289-1297	2	7
48	Steepening of waves at the duskside magnetopause. *Geophysical Research Letters*, **2016**, 43, 7373-7380	4.9	7
47	Dissipation of Earthward Propagating Flux Rope Through Re-reconnection with Geomagnetic Field: An MMS Case Study. *Journal of Geophysical Research: Space Physics*, **2019**, 124, 7477-7493	2.6	6
46	Transient Phenomena at the Magnetopause and Bow Shock and Their Ground Signatures. *Geophysical Monograph Series*, **2020**, 11-37	1.1	6
45	Selective Acceleration of O+ by Drift-Bounce Resonance in the Earth's Magnetosphere: MMS Observations. *Journal of Geophysical Research: Space Physics*, **2020**, 125, e2019JA027686	2.6	6
44	Upstream Ultra-Low Frequency Waves Observed by MESSENGER's Magnetometer: Implications for Particle Acceleration at Mercury's Bow Shock. *Geophysical Research Letters*, **2020**, 47, e2020GL087350	4.9	6
43	Space Technology 5 multipoint observations of transpolar arc related field-aligned currents. *Journal of Geophysical Research*, **2011**, 116, n/a-n/a		6
42	Factors controlling the diamagnetic pressure in the polar cusp. *Geophysical Research Letters*, **2001**, 28, 915-918	4.9	6
41	Polar magnetopause crossings of May 29, 1996: Implications for magnetic field modeling. *Journal of Geophysical Research*, **1998**, 103, 17323-17332		6
40	The visual appearance of comets under varying solar wind conditions. *Advances in Space Research*, **1989**, 9, 393-396	2.4	6
39	Solitary Magnetic Structures at Quasi-Parallel Collisionless Shocks: Formation. *Geophysical Research Letters*, **2021**, 48, e2020GL090800	4.9	6
38	Magnetospheric boundary perturbations on MHD and kinetic scales. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 113-137	2.6	5
37	Initial Polar magnetic field experiment observations of the low-altitude polar magnetosphere: Monitoring the ring current with polar orbiting spacecraft. *Journal of Geophysical Research*, **1998**, 103, 17345-17350		5
36	POLAR magnetic field observations at apogee during the January 1997 magnetic cloud event. *Geophysical Research Letters*, **1998**, 25, 2541-2544	4.9	5
35	Quantifying the Effect of Non-Larmor Motion of Electrons on the Pressure Tensor. *Physics of Plasmas*, **2018**, 25,	2.1	4

34	A large-scale view of Space Technology 5 magnetometer response to solar wind drivers. *Earth and Space Science*, **2015**, 2, 115-124	3.1	4
33	Response of reverse convection to fast IMF transitions. *Journal of Geophysical Research: Space Physics*, **2015**, 120, 4020-4037	2.6	4
32	Mirror Mode Waves at Comet Halley. *Geophysical Monograph Series*, **2013**, 161-169	1.1	4
31	Effect of sudden solar wind dynamic pressure changes at subauroral latitudes: Time rate of change of magnetic field. *Geophysical Research Letters*, **1993**, 20, 1-4	4.9	4
30	Transient Solar Wind–Magnetosphere–Ionosphere Interaction Associated with Foreshock and Magnetosheath Transients and Localized Magnetopause Reconnection. *Geophysical Monograph Series*, **2020**, 39-53	1.1	3
29	Initial POLAR MFE observation of substorm signatures in the polar magnetosphere. *Geophysical Research Letters*, **1997**, 24, 1459-1462	4.9	3
28	Geomagnetic Storms: First-Principles Models for Extreme Geospace Environment **2018**, 231-258		2
27	A Parametric Study of the Solar Wind Interaction with Comets. *Geophysical Monograph Series*, **2013**, 65-72	1.1	2
26	Initial results from the POLAR magnetic fields investigation. *Advances in Space Research*, **1997**, 20, 833-839	2.4	2
25	Substorm-time magnetic field perturbations in the polar magnetosphere: POLAR observations. *Earth, Planets and Space*, **2002**, 54, 963-971	2.9	2
24	Low latitude magnetometer chain in China in the frame of the MERIDIAN project. *Advances in Space Research*, **2000**, 25, 1353-1356	2.4	2
23	Comment on "Pressure-pulse driven surface waves at the magnetopause: A rebuttal" by D. G. Sibeck and P. T. Newell. *Journal of Geophysical Research*, **1996**, 101, 13349-13350		2
22	Comment [on "Evidence for proton cyclotron waves near comet Giacobini-Zinner"] *Geophysical Research Letters*, **1993**, 20, 2491-2492	4.9	2
21	Discrete wave packets upstream from the earth and comets. *Advances in Space Research*, **1989**, 9, 363-367	2.4	2
20	Optimized Merging of Search Coil and Fluxgate Data for MMS **2016**,		2
19	Intense Equatorial Electrojet and Counter Electrojet caused by the 15 January 2022 Tonga Volcanic Eruption: Space and Ground-based Observations. *Geophysical Research Letters*,	4.9	2
18	Equatorial ionosphere semiannual oscillation investigated from Schumann resonance measurements on board the C/NOFS satellite. *Journal of Geophysical Research D: Atmospheres*, **2013**, 118, 12,045-12,051	4.4	1
17	A new time-dependent ionosphere–magnetosphere coupling model: Comparison of field-aligned currents against ST5 observations. *Journal of Atmospheric and Solar-Terrestrial Physics*, **2010**, 72, 369-373	2	1

16	Space Technology 5 Technology Validation Update		1
15	Three Second Waves Observed Upstream Of The Earth Bow Shock. *AIP Conference Proceedings*, **2003**,	0	1
14	ULF waves at comets halley and Giacobini-Zinner: Comparison with theory. *Advances in Space Research*, **1989**, 9, 373-376	2.4	1
13	A Case Study of Nonresonant Mode 3-s ULF Waves Observed by MMS. *Journal of Geophysical Research: Space Physics*, **2020**, 125, e2020JA028557	2.6	1
12	Thermal Electron Behavior in Obliquely Propagating Whistler Waves: MMS Observations in the Solar Wind. *Geophysical Research Letters*, **2021**, 48, e2021GL094099	4.9	1
11	A statistical study of three-second foreshock ULF waves observed by the Magnetospheric Multiscale mission. *Physics of Plasmas*, **2021**, 28, 082901	2.1	1
10	The FIELDS Instrument Suite on MMS: Scientific Objectives, Measurements, and Data Products **2017**, 105-135		0
9	MMS Observations of Field Line Resonances Under Disturbed Solar Wind Conditions. *Journal of Geophysical Research: Space Physics*, **2021**, 126, e2020JA028936	2.6	0
8	Challenges in Measuring External Currents Driven by the Solar Wind-Magnetosphere Interaction. *Terrestrial, Atmospheric and Oceanic Sciences*, **2015**, 26, 11	1.8	
7	Dayside Magnetosphere Interactions. *Geophysical Monograph Series*, **2020**, 303-306	1.1	
6	The Magnetic Field Turbulence at Comet Halley Observed by Vega 1 and 2. *Geophysical Monograph Series*, **2013**, 273-276	1.1	
5	Polarization characteristics of dayside PI 2 pulsation on June 14, 1998. *Advances in Space Research*, **2002**, 30, 2339-2343	2.4	
4	Geotail-Polar Observation of Substorm-Time Field Increase in the Tail and the Polar Magnetosphere. *COSPAR Colloquia Series*, **2005**, 16, 172-176		
3	AGU section-wide electronic connections: A case history from SPA. *Eos*, **2000**, 81, 114	1.5	
2	Near-Earth Magnetic Field Effects of Large-Scale Magnetospheric Currents. *Space Sciences Series of ISSI*, **2018**, 529-553	0.1	
1	Observations of an Electron-Cold Ion Component Reconnection at the Edge of an Ion-Scale Antiparallel Reconnection at the Dayside Magnetopause. *Journal of Geophysical Research: Space Physics*, **2021**, 126, e2021JA029390	2.6	