Yoshifumi Saito

List of Publications by Year
in descending order

343 papers	13,368 citations	23500 58 h-index	31759 101 g-index
361 all docs	361 docs citations	361 times ranked	3867 citing authors

#	Article	IF	Citations
1	Fast Plasma Investigation for Magnetospheric Multiscale. Space Science Reviews, 2016, 199, 331-406.	3.7	960
2	Electron-scale measurements of magnetic reconnection in space. Science, 2016, 352, aaf2939.	6.0	545
3	The Low Energy Particle (LEP) Experlment onboard the GEOTAIL Satellite.. Journal of Geomagnetism and Geoelectricity, 1994, 46, 669-692.	0.8	507
4	Structure and dynamics of magnetic reconnection for substorm onsets with Geotail observations. Journal of Geophysical Research, 1998, 103, 4419-4440.	3.3	506
5	Geotail observations of the Hall current system: Evidence of magnetic reconnection in the magnetotail. Journal of Geophysical Research, 2001, 106, 25929-25949.	3.3	298
6	Solar wind control of density and temperature in the near-Earth plasma sheet: WIND/GEOTAIL collaboration. Geophysical Research Letters, 1997, 24, 935-938.	1.5	271
7	Electron magnetic reconnection without ion coupling in Earthâ€™s turbulent magnetosheath. Nature, 2018, 557, 202-206.	13.7	263
8	Statistical analysis of the plasmoid evolution with Geotail observations. Journal of Geophysical Research, 1998, 103, 4453-4465.	3.3	236
9	Moon-related nonthermal ions observed by Nozomi: Species, sources, and generation mechanisms. Journal of Geophysical Research, 2003, 108, SMP 15-1.	3.3	234
10	Electron-scale dynamics of the diffusion region during symmetric magnetic reconnection in space. Science, 2018, 362, 1391-1395.	6.0	221
11	Plasma entry from the flanks of the near-Earth magnetotail: Geotail observations. Journal of Geophysical Research, 1998, 103, 4391-4408.	3.3	184
12	Solar wind proton reflection at the lunar surface: Low energy ion measurement by MAPâ€PACE onboard SELENE (KAGUYA). Geophysical Research Letters, 2008, 35, .	1.5	178
13	Microlensing Optical Depth toward the Galactic Bulge from Microlensing Observations in Astrophysics Group Observations during 2000 with Difference Image Analysis. Astrophysical Journal, 2003, 591, 204-227.	1.6	164
14	Single-spacecraft detection of rolled-up Kelvin-Helmholtz vortices at the flank magnetopause. Journal of Geophysical Research, 2006, 111, .	3.3	153
15	Repeated injections of energy in the first 600â€‰ms of the giant flare of SGRâ€‰1806â€“20. Nature, 2005, 434, 1110-1111.	13.7	131
16	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) onÂSELENE (Kaguya). Space Science Reviews, 2010, 154, 265-303.	3.7	123
17	Structure of plasma sheet in magnetotail: Double-peaked electric current sheet. Journal of Geophysical Research, 1996, 101, 24775-24786.	3.3	121
18	Kelvinâ€Helmholtz waves at the Earth's magnetopause: Multiscale development and associated reconnection. Journal of Geophysical Research, 2009, 114, .	3.3	119

#	Article	IF	Citations
19	New views of the lunar plasma environment. Planetary and Space Science, 2011, 59, 1681-1694.	0.9	108
20	Lower hybrid waves in the ion diffusion and magnetospheric inflow regions. Journal of Geophysical Research: Space Physics, 2017, 122, 517-533.	0.8	108
21	A stateâ€ofâ€theâ€art picture of substormâ€associated evolution of the nearâ€Earth magnetotail obtained from superposed epoch analysis. Journal of Geophysical Research, 2009, 114, .	3.3	107
22	Magnetospheric Multiscale observations of magnetic reconnection associated with Kelvinâ€Helmholtz waves. Geophysical Research Letters, 2016, 43, 5606-5615.	1.5	104
23	Solar wind control of the radial distance of the magnetic reconnection site in the magnetotail. Journal of Geophysical Research, 2005, 110, .	3.3	101
24	MMS observations of electronâ€scale filamentary currents in the reconnection exhaust and near the X line. Geophysical Research Letters, 2016, 43, 6060-6069.	1.5	99
25	Evolution of the thin current sheet in a substorm observed by Geotail. Journal of Geophysical Research, 2003, 108, .	3.3	98
26	Ballooning mode waves prior to substormâ€associated dipolarizations: Geotail observations. Geophysical Research Letters, 2008, 35, .	1.5	96
27	Statistical properties and possible supply mechanisms of tailward cold O+beams in the lobe/mantle regions. Journal of Geophysical Research, 1998, 103, 4477-4489.	3.3	95
28	Slow-mode shocks in the magnetotail. Journal of Geophysical Research, 1995, 100, 23567.	3.3	93
29	Electron scale structures and magnetic reconnection signatures in the turbulent magnetosheath. Geophysical Research Letters, 2016, 43, 5969-5978.	1.5	92
30	Simultaneous observation of the electron acceleration and ion deceleration over lunar magnetic anomalies. Earth, Planets and Space, 2012, 64, 83-92.	0.9	87
31	Rippled Quasiperpendicular Shock Observed by the Magnetospheric Multiscale Spacecraft. Physical Review Letters, 2016, 117, 165101.	2.9	87
32	MMS observations of large guide field symmetric reconnection between colliding reconnection jets at the center of a magnetic flux rope at the magnetopause. Geophysical Research Letters, 2016, 43, 5536-5544.	1.5	84
33	Plasmoid ejection and auroral brightenings. Journal of Geophysical Research, 2001, 106, 3845-3857.	3.3	82
34	Currents and associated electron scattering and bouncing near the diffusion region at Earth's magnetopause. Geophysical Research Letters, 2016, 43, 3042-3050.	1.5	81
35	Geotail observation of cold ion streams in the medium distance magnetotail lobe in the course of a substorm. Geophysical Research Letters, 1994, 21, 1023-1026.	1.5	80
36	First inâ€situ measurements of HF radar echoing targets. Geophysical Research Letters, 2012, 39, .	1.5	80

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37	First direct detection of ions originating from the Moon by MAPâ€PACE IMA onboard SELENE (KAGUYA). Geophysical Research Letters, 2009, 36, .	1.5	79
38	Solarâ€wind proton access deep into the nearâ€Moon wake. Geophysical Research Letters, 2009, 36, .	1.5	79
39	GEOTAIL observations of flow velocity and north-south magnetic field variations in the near and mid-distant tail associated with substorm onsets. Geophysical Research Letters, 1999, 26, 635-638.	1.5	78
40	Structure of the Hall current system in the vicinity of the magnetic reconnection site. Journal of Geophysical Research, 2003, 108, .	3.3	78
41	BepiColombo - Mission Overview and Science Goals. Space Science Reviews, 2021, 217, 1.	3.7	76
42	A statistical study of variations in the near and middistant magnetotail associated with substorm onsets: GEOTAIL observations. Journal of Geophysical Research, 2000, 105, 15913-15930.	3.3	74
43	Cold ions in the hot plasma sheet of Earth's magnetotail. Nature, 2003, 422, 589-592.	13.7	74
44	Wave-particle energy exchange directly observed in a kinetic AlfvÃ©n-branch wave. Nature Communications, 2017, 8, 14719.	5.8	73
45	MMS Observation of Magnetic Reconnection in the Turbulent Magnetosheath. Journal of Geophysical Research: Space Physics, 2017, 122, 11,442.	0.8	73
46	Threeâ€dimensional structure of magnetic reconnection in the magnetotail from Geotail observations. Journal of Geophysical Research: Space Physics, 2013, 118, 1667-1678.	0.8	72
47	Statistical study of thin current sheet evolution around substorm onset. Journal of Geophysical Research, 2004, 109, .	3.3	71
48	Investigating Mercuryâ€™s Environment with the Two-Spacecraft BepiColombo Mission. Space Science Reviews, 2020, 216, 1.	3.7	71
49	Mini-magnetosphere over the Reiner Gamma magnetic anomaly region on the Moon. Geophysical Research Letters, 2005, 32, .	1.5	69
50	Construction of magnetic reconnection in the near-Earth magnetotail with Geotail. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	68
51	Structure and Kinetic Properties of Plasmoids and Their Boundary Regions. Journal of Geomagnetism and Geoelectricity, 1996, 48, 541-560.	0.8	66
52	Current sheet structure around the near-Earth neutral line observed by Geotail. Journal of Geophysical Research, 2004, 109, .	3.3	66
53	Electron jet of asymmetric reconnection. Geophysical Research Letters, 2016, 43, 5571-5580.	1.5	66
54	Observations of earthward streaming electrons at the trailing boundary of a plasmoid. Geophysical Research Letters, 1997, 24, 2893-2896.	1.5	65

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55	In situ measurement of a newly created polar cap patch. Journal of Geophysical Research, 2010, 115, .	3.3	65
56	Geotail observations of the dayside outer boundary region: Interplanetary magnetic field control and dawn-dusk asymmetry. Journal of Geophysical Research, 2003, 108, .	3.3	64
57	First in situ observation of the Moonâ€originating ions in the Earth's Magnetosphere by MAPâ€PACE on SELENE (KAGUYA). Geophysical Research Letters, 2009, 36, .	1.5	62
58	Magnetotail Convection in Geomagnetically Active Times 1. Distance to the Neutral Lines. Journal of Geomagnetism and Geoelectricity, 1996, 48, 489-501.	0.8	61
59	Coexistence of Earth-origin O+and solar wind-origin H+/He++in the distant magnetotail. Geophysical Research Letters, 1996, 23, 985-988.	1.5	60
60	Average profile of ion flow and convection electric field in the near-Earth plasma sheet. Geophysical Research Letters, 2000, 27, 1623-1626.	1.5	58
61	Whistler critical Mach number and electron acceleration at the bow shock: Geotail observation. Geophysical Research Letters, 2006, 33, .	1.5	58
62	Cold dense ion flows with multiple components observed in the distant tail lobe by Geotail. Journal of Geophysical Research, 1996, 101, 7769-7784.	3.3	57
63	Statistical visualization of the Earth's magnetotail based on Geotail data and the implied substorm model. Annales Geophysicae, 2009, 27, 1035-1046.	0.6	54
64	GEOTAIL low energy particle and magnetic field observations of a plasmoid at XGSM= â˜'142 RE. Geophysical Research Letters, 1994, 21, 2995-2998.	1.5	53
65	Structure of the low-latitude boundary layer: A case study with Geotail data. Journal of Geophysical Research, 1998, 103, 2297-2308.	3.3	53
66	Low-energy charged particle measurement by MAP-PACE onboard SELENE. Earth, Planets and Space, 2008, 60, 375-385.	0.9	53
67	Electron currents and heating in the ion diffusion region of asymmetric reconnection. Geophysical Research Letters, 2016, 43, 4691-4700.	1.5	53
68	Plasma Entry from the Flanks of the Near-Earth Magnetotail: GEOTAIL Observations in the Dawnside LLBL and the Plasma Sheet. Journal of Geomagnetism and Geoelectricity, 1996, 48, 711-727.	0.8	53
69	Electron Crescent Distributions as a Manifestation of Diamagnetic Drift in an Electronâ€Scale Current Sheet: Magnetospheric Multiscale Observations Using New 7.5Âms Fast Plasma Investigation Moments. Geophysical Research Letters, 2018, 45, 578-584.	1.5	52
70	Pairwise energy gainâ€loss feature of solar wind protons in the nearâ€Moon wake. Geophysical Research Letters, 2009, 36, .	1.5	51
71	Relation between electrostatic solitary waves and hot plasma flow in the plasma sheet boundary layer: GEOTAIL observations. Geophysical Research Letters, 1994, 21, 2919-2922.	1.5	50
72	Substorm-associated pressure variations in the magnetotail plasma sheet and lobe. Journal of Geophysical Research, 1999, 104, 4501-4513.	3.3	50

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73	Electron Heating at Kinetic Scales in Magnetosheath Turbulence. Astrophysical Journal, 2017, 836, 247.	1.6	50
74	Terrestrial plasmaspheric imaging by an Extreme Ultraviolet Scanner on planet-B. Geophysical Research Letters, 2000, 27, 141-144.	1.5	49
75	Electron dynamics in a subprotonâ€gyroscale magnetic hole. Geophysical Research Letters, 2016, 43, 4112-4118.	1.5	49
76	Kinetic evidence of magnetic reconnection due to Kelvinâ€Helmholtz waves. Geophysical Research Letters, 2016, 43, 5635-5643.	1.5	47
77	Electron Scattering by High-frequency Whistler Waves at Earthâ€™s Bow Shock. Astrophysical Journal Letters, 2017, 842, L11.	3.0	46
78	Tailward electrons at the lobe-plasma sheet interface detected upon dipolarizations. Journal of Geophysical Research, 2001, 106, 21255-21262.	3.3	45
79	Scientific objectives and instrumentation of Mercury Plasma Particle Experiment (MPPE) onboard MMO. Planetary and Space Science, 2010, 58, 182-200.	0.9	45
80	Magnetic reconnection and modification of the Hall physics due to cold ions at the magnetopause. Geophysical Research Letters, 2016, 43, 6705-6712.	1.5	45
81	Statistical studies of plasma waves and backstreaming electrons in the terrestrial electron foreshock observed by Geotail. Journal of Geophysical Research, 2000, 105, 79-103.	3.3	44
82	Whistler mode waves and Hall fields detected by MMS during a dayside magnetopause crossing. Geophysical Research Letters, 2016, 43, 5943-5952.	1.5	44
83	Observational Evidence for Stochastic Shock Drift Acceleration of Electrons at the Earthâ€™s Bow Shock. Physical Review Letters, 2020, 124, 065101.	2.9	42
84	Auroral particle instrument onboard the index satellite. Advances in Space Research, 2003, 32, 375-378.	1.2	41
85	Electrostatic solitary waves associated with magnetic anomalies and wake boundary of the Moon observed by KAGUYA. Geophysical Research Letters, 2010, 37, .	1.5	41
86	Statistical properties of low-frequency waves and ion beams in the plasma sheet boundary layer: Geotail observations. Journal of Geophysical Research, 2005, 110, .	3.3	40
87	Biogenic oxygen from Earth transported to the Moon by a wind of magnetospheric ions. Nature Astronomy, 2017, 1, .	4.2	40
88	GEOTAIL observation of magnetospheric convection in the distant tail at 200 REin quiet times. Journal of Geophysical Research, 1995, 100, 23663.	3.3	39
89	Dense and stagnant ions in the low-latitude boundary region under northward interplanetary magnetic field. Geophysical Research Letters, 2004, 31, n/a-n/a.	1.5	38
90	Distribution function of precipitating ion beams with velocity dispersion observed near the poleward edge of the nightside auroral oval. Geophysical Research Letters, 1992, 19, 2155-2158.	1.5	37

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91	Finite gyroradius effects in the electron outflow of asymmetric magnetic reconnection. Geophysical Research Letters, 2016, 43, 6724-6733.	1.5	37
92	ISTP observations of plasmoid ejection: IMP 8 and Geotail. Journal of Geophysical Research, 1998, 103, 119-133.	3.3	36
93	Change of energetic ion composition in the plasma sheet during substorms. Journal of Geophysical Research, 2000, 105, 23277-23286.	3.3	36
94	Direct measurements of two-way wave-particle energy transfer in a collisionless space plasma. Science, 2018, 361, 1000-1003.	6.0	36
95	Reconnection With Magnetic Flux Pileup at the Interface of Converging Jets at the Magnetopause. Geophysical Research Letters, 2019, 46, 1937-1946.	1.5	36
96	Counterstreaming electrons in the near vicinity of the Moon observed by plasma instruments on board NOZOMI. Journal of Geophysical Research, 2001, 106, 18729-18740.	3.3	35
97	Cold ion demagnetization near the Xâ€line of magnetic reconnection. Geophysical Research Letters, 2016, 43, 6759-6767.	1.5	35
98	Signatures of complex magnetic topologies from multiple reconnection sites induced by Kelvinâ€Helmholtz instability. Journal of Geophysical Research: Space Physics, 2016, 121, 9926-9939.	0.8	35
99	Magnetic Reconnection at a Thin Current Sheet Separating Two Interlaced Flux Tubes at the Earth's Magnetopause. Journal of Geophysical Research: Space Physics, 2018, 123, 1779-1793.	0.8	35
100	Development of a compact EUV photometer for imaging the planetary magnetosphere. Journal of Geophysical Research, 2001, 106, 26057-26074.	3.3	34
101	Field-aligned beam observations at the quasi-perpendicular bow shock: Generation and shock angle dependence. Journal of Geophysical Research, 2005, 110, .	3.3	34
102	Effect of the solar wind proton entry into the deepest lunar wake. Geophysical Research Letters, 2010, 37, .	1.5	34
103	Monoenergetic ion drop-off in the inner magnetosphere. Journal of Geophysical Research, 1997, 102, 19873-19881.	3.3	32
104	Evolution of the magnetotail associated with substorm auroral breakups. Journal of Geophysical Research, 2003, 108, .	3.3	32
105	Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). Space Science Reviews, 2021, 217, 1.	3.7	32
106	Acceleration and heating of cold ion beams in the plasma sheet boundary layer observed with GEOTAIL. Geophysical Research Letters, 1994, 21, 3003-3006.	1.5	31
107	GEOTAIL observations of total pressure and electric field variations in the near and mid-distant tail associated with substorm onsets. Geophysical Research Letters, 1999, 26, 639-642.	1.5	31
108	Slow shock downstream structure in the magnetotail. Journal of Geophysical Research, 2000, 105, 337-347.	3.3	31

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109	Development of an ion energy mass spectrometer for application on board three-axis stabilized spacecraft. Review of Scientific Instruments, 2005, 76, 014501.	0.6	31
110	Long-lived Solar Neutron Emission in Comparison with Electron-produced Radiation in the 2005 September 7 Solar Flare. Astrophysical Journal, 2006, 651, L69-L72.	1.6	31
111	Comparative Study of the Initial Spikes of Soft Gamma-Ray Repeater Giant Flares in 1998 and 2004 Observed withGeotail: Do Magnetospheric Instabilities Trigger Large-Scale Fracturing of a Magnetar's Crust?. Astrophysical Journal, 2007, 665, L55-L58.	1.6	31
112	Lower Hybrid Drift Waves and Electromagnetic Electron Spaceâ€Phase Holes Associated With Dipolarization Fronts and Fieldâ€Aligned Currents Observed by the Magnetospheric Multiscale Mission During a Substorm. Journal of Geophysical Research: Space Physics, 2017, 122, 12,236.	0.8	31
113	GEOTAIL observation of ring-shaped ion distribution functions in the plasma sheet-lobe boundary. Geophysical Research Letters, 1994, 21, 2999-3002.	1.5	30
114	On the Determination of a Moving MHD Structure: Minimization of the Residue of Integrated Faraday's Equation. Journal of Geomagnetism and Geoelectricity, 1996, 48, 603-614.	0.8	30
115	Field-aligned currents in the outermost plasma sheet boundary layer with Geotail observation. Journal of Geophysical Research, 2002, 107, SMP 32-1.	3.3	30
116	Transient, smallâ€scale fieldâ€aligned currents in the plasma sheet boundary layer during storm time substorms. Geophysical Research Letters, 2016, 43, 4841-4849.	1.5	30
117	Substorm inner plasma sheet particle reduction. Journal of Geophysical Research, 2003, 108, .	3.3	29
118	Difference in magnetotail variations between intense and weak substorms. Journal of Geophysical Research, 2004, 109, .	3.3	29
119	Flux estimates of ions from the lunar exosphere. Geophysical Research Letters, 2012, 39, .	1.5	29
120	Geotail observations of a fast tailward flow at X GSM = â^'15 RE. Journal of Geophysical Research, 1998, 103, 23543-23550.	3.3	28
121	Decay of mesoscale flux transfer events during quasiâ€continuous spatially extended reconnection at the magnetopause. Geophysical Research Letters, 2016, 43, 4755-4762.	1.5	28
122	Mioâ€"First Comprehensive Exploration of Mercuryâ€™s Space Environment: Mission Overview. Space Science Reviews, 2020, 216, 1.	3.7	28
123	Tailward progression of magnetotail acceleration centers: Relationship to substorm current wedge. Journal of Geophysical Research, 1996, 101, 24599-24619.	3.3	27
124	Structure of the distant magnetotail and its dependence on the IMF By component: GEOTAIL observations. Advances in Space Research, 1997, 20, 949-959.	1.2	27
125	Reconstruction of the electron diffusion region observed by the Magnetospheric Multiscale spacecraft: First results. Geophysical Research Letters, 2017, 44, 4566-4574.	1.5	27
126	Largeâ€Scale Survey of the Structure of the Dayside Magnetopause by MMS. Journal of Geophysical Research: Space Physics, 2018, 123, 2018-2033.	0.8	27

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127	Estimation of picked-up lunar ions for future compositional remote SIMS analyses of the lunar surface. Earth, Planets and Space, 2005, 57, 281-289.	0.9	26
128	Longitudinal association between magnetotail reconnection and auroral breakup based on Geotail and Polar observations. Journal of Geophysical Research, 2008, 113, .	3.3	26
129	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.	0.8	26
130	Origin of temperature anisotropies in the cold plasma sheet: Geotail observations around the Kelvin-Helmholtz vortices. Annales Geophysicae, 2007, 25, 2069-2086.	0.6	25
131	Modes and characteristics of lowâ€frequency MHD waves in the nearâ€Earth magnetotail prior to dipolarization: Fitting method. Journal of Geophysical Research, 2008, 113, .	3.3	25
132	Energy partitioning constraints at kinetic scales in low-Î² turbulence. Physics of Plasmas, 2018, 25, .	0.7	25
133	Reconstruction of the Electron Diffusion Region of Magnetotail Reconnection Seen by the MMS Spacecraft on 11 July 2017. Journal of Geophysical Research: Space Physics, 2019, 124, 122-138.	0.8	25
134	BepiColombo Science Investigations During Cruise and Flybys at the Earth, Venus and Mercury. Space Science Reviews, 2021, 217, 1.	3.7	25
135	A large southward magnetic field of â^'23.5 nT in the January 10, 1995, plasmoid. Journal of Geophysical Research, 1998, 103, 4441-4451.	3.3	24
136	Magnetospheric plasma regimes identified using Geotail measurements: 2. Statistics, spatial distribution, and geomagnetic dependence. Journal of Geophysical Research, 1998, 103, 23521-23542.	3.3	24
137	Rocket observation of energetic electrons in the low-altitude auroral ionosphere during the DELTA campaign. Earth, Planets and Space, 2006, 58, 1155-1163.	0.9	24
138	Evidence of Two Active Reconnection Sites in the Distant Magnetotail. Journal of Geomagnetism and Geoelectricity, 1996, 48, 515-523.	0.8	24
139	Type-II entry of solar wind protons into the lunar wake: Effects of magnetic connection to the night-side surface. Planetary and Space Science, 2013, 87, 106-114.	0.9	23
140	Ion and electron dynamics in the ionâ€electron decoupling region of magnetic reconnection with Geotail observations. Journal of Geophysical Research: Space Physics, 2013, 118, 7703-7713.	0.8	23
141	Anisotropic solar wind sputtering of the lunar surface induced by crustal magnetic anomalies. Geophysical Research Letters, 2014, 41, 4865-4872.	1.5	23
142	Reverse flow events and smallâ€scale effects in the cusp ionosphere. Journal of Geophysical Research: Space Physics, 2016, 121, 10,466.	0.8	23
143	Flux Transfer Event Showers at Mercury: Dependence on Plasma Î² and Magnetic Shear and Their Contribution to the Dungey Cycle. Geophysical Research Letters, 2020, 47, e2020GL089784.	1.5	23
144	GEOTAIL observations on the reconnection process in the distant tail in geomagnetically active times. Geophysical Research Letters, 1995, 22, 2453-2456.	1.5	22

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145	Foreshock structure of the slow-mode shocks in the Earth's magnetotail. Journal of Geophysical Research, 1996, 101, 13267-13274.	3.3	22
146	Statistical visualization of Earth's magnetotail during substorms by means of multidimensional superposed epoch analysis with Geotail data. Journal of Geophysical Research, 2000, 105, 25291-25303.	3.3	22
147	Mass and energy transport in the near and middistant magnetotail around substorm onsets: Geotail observations. Journal of Geophysical Research, 2001, 106, 6259-6274.	3.3	22
148	Interplanetary coronal mass ejection and ambient interplanetary magnetic field correlations during the Sun-Earth connection events of October-November 2003. Journal of Geophysical Research, 2005, 110, .	3.3	22
149	Statistical study of broadband whistlerâ€mode waves detected by Kaguya near the Moon. Geophysical Research Letters, 2012, 39, .	1.5	22
150	Backscattered energetic neutral atoms from the Moon in the Earth's plasma sheet observed by Chandarayaanâ€1/Subâ€keV Atom Reflecting Analyzer instrument. Journal of Geophysical Research: Space Physics, 2014, 119, 3573-3584.	0.8	22
151	Counterstreaming ions as evidence of magnetic reconnection in the recovery phase of substorms at the kinetic level. Physics of Plasmas, 2002, 9, 3705-3711.	0.7	21
152	Recovery of streamlines in the flank low-latitude boundary layer. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	21
153	Geotail observations of temperature anisotropy of the two-component protons in the dusk plasma sheet. Annales Geophysicae, 2007, 25, 769-777.	0.6	21
154	Solar wind control of plasma number density in the near-Earth plasma sheet: three-dimensional structure. Annales Geophysicae, 2008, 26, 4031-4049.	0.6	21
155	A case study of Kelvinâ€“Helmholtz vortices on both flanks of the Earth's magnetotail. Planetary and Space Science, 2011, 59, 502-509.	0.9	21
156	Transition from slow flow to fast tailward flow in the distant plasma sheet. Geophysical Research Letters, 1994, 21, 2939-2942.	1.5	20
157	Strong current sheet at a magnetosheath jet: Kinetic structure and electron acceleration. Journal of Geophysical Research: Space Physics, 2016, 121, 9608-9618.	0.8	20
158	On the Ubiquity of Magnetic Reconnection Inside Flux Transfer Eventâ€Like Structures at the Earth's Magnetopause. Geophysical Research Letters, 2020, 47, e2019GL086726.	1.5	20
159	Drop-off of the polar rain flux near the plasma sheet boundary. Journal of Geophysical Research, 1997, 102, 2271-2278.	3.3	19
160	Plasma entry across the distant tail magnetopause 1. Global properties and IMF dependence. Journal of Geophysical Research, 2002, 107, SMP 9-1.	3.3	19
161	An empirical model of the plasma environment around Mercury. Advances in Space Research, 2004, 33, 2166-2171.	1.2	19
162	A statistical study of energy release and transport midway between the magnetic reconnection and initial dipolarization regions in the nearâ€Earth magnetotail associated with substorm expansion onsets. Journal of Geophysical Research, 2012, 117, .	3.3	19

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163	Twoâ€scale ion meandering caused by the polarization electric field during asymmetric reconnection. Geophysical Research Letters, 2016, 43, 7831-7839.	1.5	19
164	Kaguya observations of the lunar wake in the terrestrial foreshock: Surface potential change by bow-shock reflected ions. Icarus, 2017, 293, 45-51.	1.1	19
165	Simultaneous in-situ observations of the signatures of dayside reconnection at the high- and low-latitude magnetopause. Annales Geophysicae, 2005, 23, 445-460.	0.6	19
166	A Quasi-stagnant Plasmoid Observed With Geotail on October 15, 1993. Journal of Geomagnetism and Geoelectricity, 1996, 48, 525-539.	0.8	19
167	Entry process of low-energy electrons into the magnetosphere along open field lines: Polar rain electrons as field line tracers. Journal of Geophysical Research, 1998, 103, 4379-4390.	3.3	18
168	Distribution of X-type magnetic neutral lines in the magnetotail with Geotail observations. Geophysical Research Letters, 1999, 26, 3341-3344.	1.5	18
169	Relationship between magnetotail variations and auroral activities during substorms. Journal of Geophysical Research, 2003, 108, SMP 13-1.	3.3	18
170	Cusp type electrostatic analyzer for measurements of medium energy charged particles. Review of Scientific Instruments, 2006, 77, 123303.	0.6	18
171	Gamma-ray detection efficiency of the microchannel plate installed as an ion detector in the low energy particle instrument onboard the GEOTAIL satellite. Review of Scientific Instruments, 2007, 78, 034501.	0.6	18
172	Spatial charge cloud size of microchannel plates. Review of Scientific Instruments, 2007, 78, 023302.	0.6	18
173	Earth Wind as a Possible Exogenous Source of Lunar Surface Hydration. Astrophysical Journal Letters, 2021, 907, L32.	3.0	18
174	Right-handed ion/ion resonant instability in the plasma sheet boundary layer: GEOTAIL observation in the distant tail. Geophysical Research Letters, 1994, 21, 2887-2890.	1.5	17
175	Application of multivariate Maxwellian mixture model to plasma velocity distribution function. Journal of Geophysical Research, 2001, 106, 25655-25672.	3.3	17
176	â€˜Torusâ€™ distribution of interstellar helium pickup ions: Direct observation. Geophysical Research Letters, 2002, 29, 54-1.	1.5	17
177	The timing relationship between bursty bulk flows and Pi2s at the geosynchronous orbit. Geophysical Research Letters, 2002, 29, 15-1-15-4.	1.5	17
178	Shift of the magnetopause reconnection line to the winter hemisphere under southward IMF conditions: Geotail and MMS observations. Geophysical Research Letters, 2016, 43, 5581-5588.	1.5	17
179	Traversal of the nightside magnetosphere at 10 to 15 Re during northward IMF. Geophysical Research Letters, 1997, 24, 939-942.	1.5	16
180	Geotail observations of ion velocity distributions with multi-beam structures in the post-plasmoid current sheet. Geophysical Research Letters, 1997, 24, 2247-2250.	1.5	16

#	Article	IF	Citations
181	Periodic emergence of multicomposition cold ions modulated by geomagnetic field line oscillations in the near-Earth magnetosphere. Journal of Geophysical Research, 2004, 109, .	3.3	16
182	â€˜Cosmic-ray-mediatedâ€™ interplanetary shocks in 1994 and 2003. Advances in Space Research, 2006, 37, 1408-1412.	1.2	16
183	Solar wind control of plasma number density in the nearâ€Earth plasma sheet. Journal of Geophysical Research, 2007, 112, .	3.3	16
184	Response of largeâ€scale ionospheric convection to substorm expansion onsets: A case study. Journal of Geophysical Research, 2008, 113, .	3.3	16
185	Structure of the ionized lunar sodium and potassium exosphere: Dawnâ€dusk asymmetry. Journal of Geophysical Research E: Planets, 2014, 119, 798-809.	1.5	16
186	Cold ion streams consisting of double proton populations and singly charged oxygen observed at the distant magnetopause by Geotail: A case study. Journal of Geophysical Research, 1997, 102, 2359-2372.	3.3	15
187	Origin of hot and high speed plasmas in plasma sheet: Plasma acceleration and heating due to slow shocks. Advances in Space Research, 1997, 20, 973-982.	1.2	15
188	Geotail observations of two-component protons in the midnight plasma sheet. Annales Geophysicae, 2007, 25, 2229-2245.	0.6	15
189	High-resolution detection of 100keV electrons using avalanche photodiodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 50-55.	0.7	15
190	Generation of Turbulence in Kelvinâ€Helmholtz Vortices at the Earth's Magnetopause: Magnetospheric Multiscale Observations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027595.	0.8	15
191	On the deviation from Maxwellian of the ion velocity distribution functions in the turbulentÂmagnetosheath. Journal of Plasma Physics, 2020, 86, .	0.7	15
192	Observations of double discontinuities in the magnetotail. Geophysical Research Letters, 1997, 24, 3153-3156.	1.5	14
193	Helium observation in the Martian ionosphere by an X-ray ultraviolet scanner on Mars orbiter NOZOMI. Earth, Planets and Space, 1999, 51, 61-70.	0.9	14
194	Determination of shock parameters for the very fast interplanetary shock on 29 October 2003. Journal of Geophysical Research, 2005, 110, .	3.3	14
195	Anomalous Flow Deflection at Earthâ€™s Low-AlfvÃ©n-Mach-Number Bow Shock. Physical Review Letters, 2008, 101, 065003.	2.9	14
196	The Mercury Electron Analyzers for the Bepi Colombo mission. Advances in Space Research, 2010, 46, 1139-1148.	1.2	14
197	Pressure changes associated with substorm depolarization in the nearâ€Earth plasma sheet. Journal of Geophysical Research, 2010, 115, .	3.3	14
198	Kinetic Structure of the Slow-Mode Shocks in the Earth'S Magnetotail. Geophysical Monograph Series, 0, , 103-115.	0.1	14

#	Article	IF	Citations
199	Particle energization in space plasmas: towards a multi-point, multi-scale plasma observatory. Experimental Astronomy, 2022, 54, 427-471.	1.6	14
200	In situ observations of ions and magnetic field around Phobos: the mass spectrum analyzer (MSA) for the Martian Moons eXploration (MMX) mission. Earth, Planets and Space, 2021, 73, .	0.9	14
201	Plasma distribution functions in the Earth's magnetotail (XGSMâˆ¼ â^'42RE) at the time of a magnetospheric substorm: GEOTAIL/LEP observation. Geophysical Research Letters, 1994, 21, 1027-1030.	1.5	13
202	Plasmoids observed in the near-Earth magnetotail atXâˆ¼ â^'7RE. Journal of Geophysical Research, 2005, 110, .	3.3	13
203	Interaction between terrestrial plasma sheet electrons and the lunar surface: SELENE (Kaguya) observations. Geophysical Research Letters, 2010, 37, .	1.5	13
204	Successive substorm expansions during a period of prolonged northward interplanetary magnetic field. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	13
205	Geotail observation of counter directed ESWs associated with the separatrix of magnetic reconnection in the nearâ€Earth magnetotail. Journal of Geophysical Research: Space Physics, 2014, 119, 202-210.	0.8	13
206	Highâ€speed MCP anodes for high time resolution lowâ€energy charged particle spectrometers. Journal of Geophysical Research: Space Physics, 2017, 122, 1816-1830.	0.8	13
207	Multi-point observations of cold-dense plasma sheet and its relation with tail-LLBL. Advances in Space Research, 2000, 25, 1607-1616.	1.2	12
208	Avalanche photodiode for measurement of low-energy electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 545, 744-752.	0.7	12
209	High time resolution measurement of multiple electron precipitations with energy-time dispersion in high-latitude part of the cusp region. Journal of Geophysical Research, 2005, 110, .	3.3	12
210	Highly significant detection of solar neutrons on 2005 September 7. Advances in Space Research, 2007, 39, 1462-1466.	1.2	12
211	Plasma sheet changes caused by sudden enhancements of the solar wind pressure. Journal of Geophysical Research, 2010, 115, .	3.3	12
212	Ion demagnetization in the magnetopause current layer observed by MMS. Geophysical Research Letters, 2016, 43, 4850-4857.	1.5	12
213	Scattering characteristics and imaging of energetic neutral atoms from the Moon in the terrestrial magnetosheath. Journal of Geophysical Research: Space Physics, 2016, 121, 432-445.	0.8	12
214	Observations of the Source Region of Whistler Mode Waves in Magnetosheath Mirror Structures. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027488.	0.8	12
215	Contribution of Anisotropic Electron Current to the Magnetotail Current Sheet as a Function of Location and Plasma Conditions. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027251.	0.8	12
216	Pre-Onset and Onset Signatures for Substorms in the Near-Tail Plasma Sheet: Geotail Observations. Astrophysics and Space Science Library, 1998, , 131-136.	1.0	12

#	Article	IF	Citations
217	Escape of high-energy oxygen ions through magnetopause reconnection under northward IMF. Annales Geophysicae, 2008, 26, 3955-3966.	0.6	12
218	Geotail observations of north-south plasma velocity enhancements in the lobe near substorm expansion phase onset. Geophysical Research Letters, 1998, 25, 4125-4128.	1.5	11
219	On the pressure balance in the distant magnetotail. Journal of Geophysical Research, 2001, 106, 25905-25917.	3.3	11
220	Acceleration of interstellar helium pickup ions at the Earth's bow shock: GEOTAIL observation. Geophysical Research Letters, 2002, 29, 33-1-33-4.	1.5	11
221	The Effect of Depletion Layer Thickness in Avalanche Photodiodes for Measurement of Low-energy Electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 575-583.	0.7	11
222	Temperature anisotropies of electrons and two-component protons in the dusk plasma sheet. Annales Geophysicae, 2007, 25, 1417-1432.	0.6	11
223	The mass spectrum analyzer (MSA) onboard BEPI COLOMBO MMO: Scientific objectives and prototype results. Advances in Space Research, 2009, 43, 869-874.	1.2	11
224	Stepwise feature of aurora during substorm expansion compared with the nearâ€Earth tail dipolarization: Possible types of substorm dynamics. Journal of Geophysical Research, 2010, 115, .	3.3	11
225	The Mass Spectrum Analyzer (MSA) on board the BepiColombo MMO. Journal of Geophysical Research: Space Physics, 2016, 121, 6749-6761.	0.8	11
226	Simultaneous Rocket and Scintillation Observations of Plasma Irregularities Associated With a Reversed Flow Event in the Cusp Ionosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 7098-7111.	0.8	11
227	A GEOTAIL observation of low-latitude boundary layer. Advances in Space Research, 1997, 20, 813-822.	1.2	10
228	GEOTAIL observations of anomalously low density plasma in the magnetosheath. Geophysical Research Letters, 2000, 27, 3781-3784.	1.5	10
229	Plasma entry across the distant tail magnetopause 2. Comparison between MHD theory and observation. Journal of Geophysical Research, 2002, 107, SMP 6-1.	3.3	10
230	Study of variable stars in the MOA data base: long-period red variables in the Large Magellanic Cloud - II. Multiplicity of the period-luminosity relation. Monthly Notices of the Royal Astronomical Society, 2004, 348, 1120-1134.	1.6	10
231	On the correlation of the solar wind observed at the L5 point and at the Earth. Advances in Space Research, 2005, 36, 2328-2332.	1.2	10
232	Anomalous deformation of the Earth's bow shock in the lunar wake: Joint measurement by Changâ€™E-1 and SELENE. Planetary and Space Science, 2011, 59, 378-386.	0.9	10
233	Night side lunar surface potential in the Earthâ€™s magnetosphere. Advances in Space Research, 2014, 54, 1985-1992.	1.2	10
234	Seasonal and Solar Wind Control of the Reconnection Line Location on the Earth's Dayside Magnetopause. Journal of Geophysical Research: Space Physics, 2018, 123, 7498-7512.	0.8	10

#	Article	IF	Citations
235	KAGUYA observation of global emissions of indigenous carbon ions from the Moon. Science Advances, 2020, 6, eaba1050.	4.7	10
236	Magnetic Reconnection Inside a Flux Transfer Eventâ€Like Structure in Magnetopause Kelvinâ€Helmholtz Waves. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027527.	0.8	10
237	Highly collimated electron beams observed during quiet times. Geophysical Research Letters, 1997, 24, 1651-1654.	1.5	9
238	Plasma waves in slow-mode shocks observed by geotail spacecraft. Advances in Space Research, 1999, 24, 51-54.	1.2	9
239	Magnetosheath electrons in anomalously low density solar wind observed by Geotail. Geophysical Research Letters, 2000, 27, 3253-3256.	1.5	9
240	Low-latitude plasma mantle in the near-Earth magnetosphere: Geotail observations. Journal of Geophysical Research, 2001, 106, 1949-1954.	3.3	9
241	Hall current system around the magnetic neutral line in the magnetotail: Statistical study. Journal of Geophysical Research, 2003, 108, .	3.3	9
242	Quiet time magnetotail plasma flow: Coordinated Polar ultraviolet images and Geotail observations. Journal of Geophysical Research, 2003, 108, .	3.3	9
243	A Micro Segment Chamber for the cosmic-ray balloon experiment. Advances in Space Research, 2006, 37, 2120-2124.	1.2	9
244	Non-thermal electrons at the Earthâ€™s bow shock: A â€˜gradualâ€™ event. Earth, Planets and Space, 2009, 61, 603-606.	0.9	9
245	Nongyrotropic electron velocity distribution functions near the lunar surface. Journal of Geophysical Research, 2012, 117, .	3.3	9
246	Mission Data Processor Aboard the BepiColombo Mio Spacecraft: Design and Scientific Operation Concept. Space Science Reviews, 2020, 216, 1.	3.7	9
247	Magnetotail Convection in Geomagnetically Active Times 2. Dawn-Dusk Motion in the Plasma Sheet. Journal of Geomagnetism and Geoelectricity, 1996, 48, 503-513.	0.8	9
248	Rocket observation of electron fluxes over a pulsating aurora. Planetary and Space Science, 1992, 40, 1043-1054.	0.9	8
249	Observation of the interstellar helium cone by the NOZOMI spacecraft. Space Science Reviews, 2001, 97, 423-426.	3.7	8
250	A substorm-associated drift echo of energetic protons observed by Geotail: Radial density gradient structure. Geophysical Research Letters, 2003, 30, .	1.5	8
251	Plasmoid formation for multiple onset substorms: observations of the Japanese Lunar Mission "Kaguya". Annales Geophysicae, 2009, 27, 59-64.	0.6	8
252	A noise attenuation method for medium-energy electron measurements in the radiation belt. Advances in Space Research, 2009, 43, 792-801.	1.2	8

#	Article	IF	Citations
253	Electrons on closed field lines of lunar crustal fields in the solar wind wake. Icarus, 2015, 250, 238-248.	1.1	8
254	Energetic Neutral Atom Distribution on the Lunar Surface and Its Relationship with Solar Wind Conditions. Astrophysical Journal Letters, 2021, 922, L41.	3.0	8
255	Instrumental characteristics of the Electron Spectrum Analyzer (ESA) onboard the Planet-B mission and observational perspectives of the electron measurements. Earth, Planets and Space, 1998, 50, 207-211.	0.9	7
256	Surface waves on the dawn magnetopause: Connection with ground PC 5 pulsations. Advances in Space Research, 2000, 25, 1493-1502.	1.2	7
257	Control of lunar external magnetic enhancements by IMF polarity: A case study. Planetary and Space Science, 2012, 73, 161-167.	0.9	7
258	Smallâ€scale magnetic fields on the lunar surface inferred from plasma sheet electrons. Geophysical Research Letters, 2013, 40, 3362-3366.	1.5	7
259	Fourâ€Spacecraft Measurements of the Shape and Dimensionality of Magnetic Structures in the Nearâ€Earth Plasma Environment. Journal of Geophysical Research: Space Physics, 2019, 124, 6850-6868.	0.8	7
260	On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027561.	0.8	7
261	Latitudinal Dependence of the Kelvinâ€Helmholtz Instability and Beta Dependence of Vortexâ€Induced Highâ€Guide Field Magnetic Reconnection. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027333.	0.8	7
262	Leakage Ions from the LLBL to MSBL: Confirmation of Reconnection Events at the Dayside Magnetopause.. Journal of Geomagnetism and Geoelectricity, 1996, 48, 65-70.	0.8	7
263	MESSENGER Observations of Planetary Ion Enhancements at Mercury's Northern Magnetospheric Cusp During Flux Transfer Event Showers. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	7
264	Observations of bidirectional electrons in the distant tail lobes: GEOTAIL results. Geophysical Research Letters, 1997, 24, 959-962.	1.5	6
265	Response of the near-Earth magnetotail to a northward turning of the IMF. Geophysical Research Letters, 1997, 24, 943-946.	1.5	6
266	GEOTAIL observation at the dayside magnetopauseâ€"Confirmation of reconnection events. Advances in Space Research, 1997, 20, 779-788.	1.2	6
267	GEOTAIL observations of magnetic reconnection in the near-Earth magnetotail. Advances in Space Research, 2000, 25, 1679-1683.	1.2	6
268	Simultaneous observation of the electron acceleration and ion deceleration in the dayside high-latitude auroral region. Geophysical Research Letters, 2003, 30, .	1.5	6
269	Relationship between field-aligned electron fluxes and field line topology at the tail lobe magnetopause: Geotail observations. Advances in Space Research, 2005, 36, 1772-1778.	1.2	6
270	Kaguya observation of the ion acceleration around a lunar crustal magnetic anomaly. Planetary and Space Science, 2014, 93-94, 87-95.	0.9	6

#	Article	IF	Citations
271	Studies of small-scale plasma inhomogeneities in the cusp ionosphere using sounding rocket data. Physics of Plasmas, 2018, 25, .	0.7	6
272	Energy Transfer Between Hot Protons and Electromagnetic Ion Cyclotron Waves in Compressional Pc5 Ultraâ€low Frequency Waves. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028912.	0.8	6
273	Magnetosheath waves under very low solar wind dynamic pressure: Wind/Geotail observations. Annales Geophysicae, 2005, 23, 1317-1333.	0.6	6
274	Magnetic Field Annihilation in a Magnetotail Electron Diffusion Region With Electronâ€Scale Magnetic Island. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	6
275	GEOTAIL observation of electron cyclotron harmonic waves near the dayside magnetopause. Advances in Space Research, 1999, 24, 99-102.	1.2	5
276	First measurement of â^¼10 keV neutral atoms in the low-latitude ionosphere. Geophysical Research Letters, 1999, 26, 33-36.	1.5	5
277	Double discontinuities at the magnetotail plasma sheet-lobe boundary. Annales Geophysicae, 2001, 19, 1095-1105.	0.6	5
278	The SCOPE Mission. , 2009, , .		5
279	Mercury Ion Analyzer (MIA) onboard Mercury Magnetospheric Orbiter: MMO. Advances in Space Research, 2009, 43, 1986-1992.	1.2	5
280	ELF magnetic fluctuations detected by Kaguya in deepest lunar wake associated with type-II protons. Earth, Planets and Space, 2015, 67, .	0.9	5
281	Investigation of the homogeneity of energy conversion processes at dipolarization fronts from MMS measurements. Physics of Plasmas, 2022, 29, .	0.7	5
282	Highly collimated electron beams in the dawn-flank of the magnetotail. Physics and Chemistry of the Earth, 1997, 22, 645-651.	0.3	4
283	Dependence of the distant tail magnetopause position on the solar wind and IMF. Advances in Space Research, 2000, 25, 1485-1488.	1.2	4
284	Convection enhancements in the low-latitude lobe for substorm onset. Journal of Geophysical Research, 2001, 106, 3943-3952.	3.3	4
285	Remote sensing of a near-Earth neutral line during the 5 October 2000 substorm. Annales Geophysicae, 2006, 24, 3497-3505.	0.6	4
286	Medium Energy Ion Mass Spectrometer Capable of Measurements of Three-Dimensional Distribution Functions in Space. IEEE Transactions on Plasma Science, 2008, 36, 841-847.	0.6	4
287	Circular one-dimensional position-sensitive time-of-flight microchannel plate detector using resistive anode for space plasma measurements. Review of Scientific Instruments, 2008, 79, 013301.	0.6	4
288	Rapid variations of the plasma bulk flow direction observed in the plasma sheet at XGSEâ^¼â^'60Re. Geophysical Research Letters, 1994, 21, 393-396.	1.5	3

#	Article	IF	Citations
289	Fields and flows at GEOTAIL during a moderate substorm. Advances in Space Research, 1997, 20, 923-931.	1.2	3
290	Motion of the Earth's bow shock in the deep-tail flank. Journal of Geophysical Research, 2000, 105, 25097-25112.	3.3	3
291	A Study of Correlation between Solar Wind Data Observed at Two Points in Interplanetary Space During the Recent Solar Maximum. Solar Physics, 2005, 227, 355-370.	1.0	3
292	Numerical modeling of electron energy-time dispersions in the high-latitude part of the cusp region. Journal of Geophysical Research, 2005, 110, .	3.3	3
293	High time resolution electron measurement by Fast Electron energy Spectrum Analyzer (FESA). , 2009, , .		3
294	Venus's induced magnetosphere during active solar wind conditions at BepiColombo's Venus 1 flyby. Annales Geophysicae, 2021, 39, 811-831.	0.6	3
295	LOW ENERGY CHARGED PARTICLE MEASUREMENT BY JAPANESE LUNAR ORBITER SELENE. , 0, , 33-43.		3
296	Transport Path of Coldâ€Dense Plasmas in the Dusk Magnetotail Plasma Sheet: MMS Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	3
297	<title>Interplanetary He II extreme-ultraviolet observation on PLANET-B</title>. , 1993, , .		2
298	Long-duration whistler waves in the magnetosheath: Wave characteristics and the possible source region. Journal of Geophysical Research, 1997, 102, 17583-17593.	3.3	2
299	Particle acceleration at the interplanetary shock ahead of a large magnetic cloud on October 18, 1995: GEOTAIL-WIND collaboration. Advances in Space Research, 1997, 20, 641-644.	1.2	2
300	Plasma convection in the low-latitude mantle of the near-earth magnetosphere. Advances in Space Research, 2002, 30, 2781-2786.	1.2	2
301	Research for optimizing the performance of an LEF-TOF ion energy mass analyzer. , 2009, , .		2
302	Near-Earth Plasma Sheet Behavior During Substorms. Geophysical Monograph Series, 2013, , 213-226.	0.1	2
303	Electromagnetic Ion Cyclotron Waves Detected by Kaguya and Geotail in the Earth's Magnetotail. Journal of Geophysical Research: Space Physics, 2018, 123, 1146-1164.	0.8	2
304	Rocket Observation of Subâ€Relativistic Electrons in the Quiet Dayside Auroral Ionosphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028633.	0.8	2
305	Dayside magnetopause reconnection and flux transfer events under radial interplanetary magnetic field (IMF): BepiColombo Earth-flyby observations. Annales Geophysicae, 2022, 40, 217-229.	0.6	2
306	LatHyS global hybrid simulation of the BepiColombo second Venus flyby. Planetary and Space Science, 2022, 218, 105499.	0.9	2

#	Article	IF	Citations
307	Bow shock expansion caused by the magnetic cloud passage on October 18, 1995. Advances in Space Research, 1997, 20, 725-728.	1.2	1
308	Solar wind discontinuity â€" Magnetosphere interactions observed by INTERBALL-1 and GEOTAIL: IACG Campaign #2. Advances in Space Research, 2000, 25, 1405-1409.	1.2	1
309	Geotail observations of mid-tail traveling compression regions and their temporal relation with geosynchronous substorm onset. Advances in Space Research, 2000, 25, 1703-1706.	1.2	1
310	A new type of rocket-borne neutral atom analyzer. Review of Scientific Instruments, 2000, 71, 3024-3030.	0.6	1
311	Difference between Earthward and Tailward Flows in Their Dependences on Geomagnetic and IMF Conditions. COSPAR Colloquia Series, 2005, , 186-189.	0.2	1
312	Wave-Particle Interaction in the Bastille Shock of Year 2000. COSPAR Colloquia Series, 2005, , 285-288.	0.2	1
313	Magnetotail variations associated with substorm expansion onsets for storm time and nonstorm time. Geophysical Research Letters, 2006, 33, .	1.5	1
314	Evaluation of the Asymmetry in Photoelectron Distribution Around the GEOTAIL Spacecraft. IEEE Transactions on Plasma Science, 2008, 36, 2253-2261.	0.6	1
315	Development of a low-energy charged particle detector with on-anode ASIC for in-situ plasma measurement in the Earthâ€™s magnetosphere. , 2009, , .		1
316	Thick escaping magnetospheric ion layer in magnetopause reconnection with MMS observations. Geophysical Research Letters, 2016, 43, 6028-6035.	1.5	1
317	A Statistical Study of Slowâ€Mode Shocks Observed by MMS in the Dayside Magnetopause. Geophysical Research Letters, 2018, 45, 4675-4684.	1.5	1
318	Decrease of the interplanetary magnetic field strength on the lunar dayside and over the polar region. Icarus, 2020, 335, 113392.	1.1	1
319	Global Maps of Solar Wind Electron Modification by Electrostatic Waves Above the Lunar Day Side: Kaguya Observations. Geophysical Research Letters, 2021, 48, e2021GL095260.	1.5	1
320	Low energy particle spectrometer for 3-axis stabilized spacecraft. , 2013, , 193-202.		1
321	On the Origin of the Upstream Diffuse Ions: Case Studies from GEOTAIL Observations.. Journal of Geomagnetism and Geoelectricity, 1995, 47, 1141-1145.	0.8	1
322	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on SELENE (Kaguya). , 2010, , 265-303.		1
323	Statistical analysis of fast dawnward and duskward ion flows in the near and mid-distant magnetotail observed by GEOTAIL. Advances in Space Research, 2000, 26, 435-438.	1.2	0
324	A magnetic cloud with unusual structure and bow shock movement observed on May 13, 1995. Advances in Space Research, 2000, 25, 1397-1400.	1.2	0

#	Article	IF	Citations
325	Collisional interactions of precipitating energetic neutral atoms with upper-atmospheric particles in the low-latitude region. Journal of Geophysical Research, 2000, 105, 15861-15873.	3.3	0
326	Three separate ion populations observed simultaneously in the plasma sheet boundary layer in the distant geomagnetic tail. Geophysical Research Letters, 2004, 31, .	1.5	0
327	Geotail Study of Comparison between the Double-Probe Electric Fields and the Convection Electric Fields in the Distant Tail. COSPAR Colloquia Series, 2005, 16, 79-84.	0.2	0
328	Geotail-Polar Observation of Substorm-Time Field Increase in the Tail and the Polar Magnetosphere. COSPAR Colloquia Series, 2005, 16, 172-176.	0.2	0
329	Whistler Waves in Upstream Region of Interplanetary Shocks. COSPAR Colloquia Series, 2005, 16, 281-284.	0.2	0
330	Corrigendum to "Geotail observations of temperature anisotropy of the two-component protons in the dusk plasma sheet" published in Ann. Geophys., 25, 769â€“777, 2007. Annales Geophysicae, 2007, 25, 1233-1233.	0.6	0
331	Development of a Measurement Technique for Medium-Energy Electrons. , 2009, , .		0
332	Next-Generation Plasma Particle Measurements in the Medium Energy Range: Development of Cusp Type Electrostatic Analyser and Ion Mass Spectrometer. , 2009, , .		0
333	Observations of loss coneâ€“shaped back streaming energetic protons upstream of the Earth's bow shock. Journal of Geophysical Research, 2009, 114, .	3.3	0
334	Correction to â€œPressure changes associated with substorm depolarization in the near-Earth plasma sheetâ€. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	0
335	Plasma waves related to mini-magnetospheres over lunar magnetic anomalies observed by LRS/WFC onboard KAGUYA. , 2011, , .		0
336	Statistical Study on Electron and Ion Temperatures in the Nearâ€Earth Reconnection and Magnetic Pileup Regions. Geophysical Research Letters, 2019, 46, 14223-14229.	1.5	0
337	Polarization Reversal of Lowâ€Frequency Magnetic Variation in the Lunar Wake. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029299.	0.8	0
338	LOW ENERGY ION OBSERVATION BY MERCURY MAGNETOSPHERIC ORBITER: MMO. , 2006, , 85-91.		0
339	Magnetic Field Configurations and Plasma Dynamics of the Mid-Tail Lobe Near Substorm Expansion Phase Onset: Geotail Observations. Astrophysics and Space Science Library, 1998, , 191-194.	1.0	0
340	An event study on broadband electric field noises and electron distributions in the lunar wake boundary. Earth, Planets and Space, 2022, 74, .	0.9	0
341	Diffuse Whistlerâ€Mode Waves Detected by Kaguya in the Lunar Polar Region. Radio Science, 2022, 57, .	0.8	0
342	SOLAR TERRESTRIAL AND PLANETARY SCIENCE MISSIONS IN ASIAâ€“OCEANIA: OPPORTUNITIES FOR COLLABORATIVE RESEARCH. , 0, , 249-264.		0

#	Article	IF	Citations
343	A MODEL STUDY ON OBSERVATION MODES OF MIA/MMO BASED ON THE EM DESIGN. , 0, , 29-41.		0