

Kanako Seki

List of Publications by Year in descending order

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153
papers

4,281
citations

159525

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157
times ranked

2875
citing authors

#	ARTICLE	IF	CITATIONS
1	A Statistical Study of the Solar Wind Dependence of Multi-Harmonic Toroidal ULF Waves Observed by the Arase Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	6
2	The Mars system revealed by the Martian Moons eXploration mission. <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	11
3	Preferential Energization of Lower-Charge-State Heavier Ions in the Near-Earth Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3
4	Study of Slow-Mode Shock Formation and Particle Acceleration in the Symmetric Magnetic Reconnection Based on Hybrid Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	3
5	Formation Mechanisms of the Molecular Ion Polar Plume and Its Contribution to Ion Escape From Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
6	Multispecies MHD Study of Ion Escape at Ancient Mars: Effects of an Intrinsic Magnetic Field and Solar XUV Radiation. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	2
7	Collaborative Research Activities of the Arase and Van Allen Probes. <i>Space Science Reviews</i> , 2022, 218, .	3.7	10
8	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.	3.7	26
9	Effects of the IMF Direction on Atmospheric Escape From a Mars-like Planet Under Weak Intrinsic Magnetic Field Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028485.	0.8	8
10	Low-Altitude Ion Upflow Observed by EISCAT and its Effects on Supply of Molecular Ions in the Ring Current Detected by Arase (ERG). <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028951.	0.8	2
11	Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). <i>Space Science Reviews</i> , 2021, 217, 1.	3.7	32
12	Relative Contribution of ULF Waves and Whistler-mode Chorus to the Radiation Belt Variation during the May 2017 Storm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028972.	0.8	1
13	On the relationship between energy input to the ionosphere and the ion outflow flux under different solar zenith angles. <i>Earth, Planets and Space</i> , 2021, 73, 202.	0.9	5
14	Study of an equatorward detachment of auroral arc from the oval using ground-space observations and the BATS-US CIMI model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029080.	0.8	4
15	In situ observations of ions and magnetic field around Phobos: the mass spectrum analyzer (MSA) for the Martian Moons eXploration (MMX) mission. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	14
16	Vertical Propagation of Wave Perturbations in the Middle Atmosphere on Mars by MAVEN/IUVS. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2020JE006481.	1.5	18
17	Excitation of Internally Driven ULF Waves by the Drift-Bounce Resonance With Ring Current Ions Based on the Drift-Kinetic Simulation. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028231.	0.8	5
18	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	71

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19	On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027561.	0.8	7
20	A Warm Layer in the Nightside Mesosphere of Mars. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085646.	1.5	9
21	Effects of an Intrinsic Magnetic Field on Ion Loss From Ancient Mars Based on Multispecies MHD Simulations. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026945.	0.8	24
22	Vertical Coupling Between the Cloud-Level Atmosphere and the Thermosphere of Venus Inferred From the Simultaneous Observations by Hisaki and Akatsuki. <i>Journal of Geophysical Research E: Planets</i> , 2020, 125, e2019JE006192.	1.5	2
23	A framework for estimating spherical vector fields using localized basis functions and its application to SuperDARN data processing. <i>Earth, Planets and Space</i> , 2020, 72, .	0.9	4
24	Design for stray-light reduction to a Martian ionospheric imager. <i>Applied Optics</i> , 2020, 59, 9937.	0.9	0
25	Statistical Properties of Molecular Ions in the Ring Current Observed by the Arase (ERG) Satellite. <i>Geophysical Research Letters</i> , 2019, 46, 8643-8651.	1.5	8
26	Statistical Study of Heavy Ion Outflows From Mars Observed in the Martian-Induced Magnetotail by MAVEN. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 5482-5497.	0.8	29
27	Low Electron Temperatures Observed at Mars by MAVEN on Dayside Crustal Magnetic Field Lines. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 7629-7637.	0.8	8
28	Excitation of Storm Time Pc5 ULF Waves by Ring Current Ions Based on the Drift-Kinetic Simulation. <i>Geophysical Research Letters</i> , 2019, 46, 1911-1918.	1.5	6
29	Statistical Study of Selective Oxygen Increase in High-Energy Ring Current Ions During Magnetic Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3193-3209.	0.8	7
30	Characteristics of CME- and CIR-Driven Ion Upflows in the Polar Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 3637-3649.	0.8	12
31	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332
32	Strong Diffusion of Energetic Electrons by Equatorial Chorus Waves in the Midnight-to-Dawn Sector. <i>Geophysical Research Letters</i> , 2019, 46, 12685-12692.	1.5	8
33	Formation of Butterfly Pitch Angle Distributions of Relativistic Electrons in the Outer Radiation Belt With a Monochromatic Pc5 Wave. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 4679-4691.	0.8	10
34	Pulsating aurora from electron scattering by chorus waves. <i>Nature</i> , 2018, 554, 337-340.	18.7	149
35	Three-Step Buildup of the 17 March 2015 Storm Ring Current: Implication for the Cause of the Unexpected Storm Intensification. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 414-428.	0.8	13
36	Evidence for Crustal Magnetic Field Control of Ions Precipitating Into the Upper Atmosphere of Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2018, 123, 8572-8586.	0.8	16

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37	Geospace exploration project ERG. Earth, Planets and Space, 2018, 70, .	0.9	201
38	The ERG Science Center. Earth, Planets and Space, 2018, 70, .	0.9	124
39	Ion Energies Dominating Energy Density in the Inner Magnetosphere: Spatial Distributions and Composition, Observed by Arase/MEP. Geophysical Research Letters, 2018, 45, 12,153-12,162.	1.5	15
40	Global Distribution of ULF Waves During Magnetic Storms: Comparison of Arase, Ground Observations, and BATSRUS+CRCM Simulation. Geophysical Research Letters, 2018, 45, 9390-9397.	1.5	7
41	Substorm-Associated Ionospheric Flow Fluctuations During the 27 March 2017 Magnetic Storm: SuperDARN-Arase Conjunction. Geophysical Research Letters, 2018, 45, 9441-9449.	1.5	9
42	Effects of a Weak Intrinsic Magnetic Field on Atmospheric Escape From Mars. Geophysical Research Letters, 2018, 45, 9336-9343.	1.5	29
43	A Statistical Study of Slow-Mode Shocks Observed by MMS in the Dayside Magnetopause. Geophysical Research Letters, 2018, 45, 4675-4684.	1.5	1
44	Cold Dense Ion Outflow Observed in the Martian-Induced Magnetotail by MAVEN. Geophysical Research Letters, 2018, 45, 5283-5289.	1.5	22
45	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. Icarus, 2018, 315, 146-157.	1.1	216
46	Radial Transport of Higher-Energy Oxygen Ions Into the Deep Inner Magnetosphere Observed by Van Allen Probes. Geophysical Research Letters, 2018, 45, 4534-4541.	1.5	8
47	Theory, modeling, and integrated studies in the Arase (ERG) project. Earth, Planets and Space, 2018, 70, .	0.9	11
48	High-contrast apodization baffle for instruments onboard solar system exploration missions. , 2018, , .		1
49	Dawn-dusk difference of periodic oxygen EUV dayglow variations at Venus observed by Hisaki. Icarus, 2017, 292, 102-110.	1.1	7
50	MAVEN observations on a hemispheric asymmetry of precipitating ions toward the Martian upper atmosphere according to the upstream solar wind electric field. Journal of Geophysical Research: Space Physics, 2017, 122, 1083-1101.	0.8	19
51	First evidence of patchy flickering aurora modulated by multi-ion electromagnetic ion cyclotron waves. Geophysical Research Letters, 2017, 44, 3963-3970.	1.5	8
52	MAVEN observations of a giant ionospheric flux rope near Mars resulting from interaction between the crustal and interplanetary draped magnetic fields. Journal of Geophysical Research: Space Physics, 2017, 122, 828-842.	0.8	21
53	Global Structure and Sodium Ion Dynamics in Mercury's Magnetosphere With the Offset Dipole. Journal of Geophysical Research: Space Physics, 2017, 122, 10,990.	0.8	15
54	Statistical Study of Relations Between the Induced Magnetosphere, Ion Composition, and Pressure Balance Boundaries Around Mars Based On MAVEN Observations. Journal of Geophysical Research: Space Physics, 2017, 122, 9723-9737.	0.8	44

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55	Statistical analysis of the reflection of incident O ⁺ pickup ions at Mars: MAVEN observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 4089-4101.	0.8	11
56	Global distribution and parameter dependences of gravity wave activity in the Martian upper thermosphere derived from MAVEN/NGIMS observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 2374-2397.	0.8	66
57	Ground-based instruments of the PWING project to investigate dynamics of the inner magnetosphere at subauroral latitudes as a part of the ERG-ground coordinated observation network. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	74
58	Visualization tool for three-dimensional plasma velocity distributions (ISEE_3D) as a plug-in for SPEDAS. <i>Earth, Planets and Space</i> , 2017, 69, .	0.9	6
59	On the origins of magnetic flux ropes in near-Mars magnetotail current sheets. <i>Geophysical Research Letters</i> , 2017, 44, 7653-7662.	1.5	28
60	Geospace exploration project: Arase (ERG). <i>Journal of Physics: Conference Series</i> , 2017, 869, 012095.	0.3	17
61	Storm time impulsive enhancements of energetic oxygen due to adiabatic acceleration of preexisting warm oxygen in the inner magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 7739-7752.	0.8	15
62	Rapid increase in relativistic electron flux controlled by nonlinear phase trapping of whistler chorus elements. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 6573-6589.	0.8	9
63	A full-particle Martian upper thermosphere-exosphere model using the DSMC method. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 1429-1444.	1.5	5
64	MAVEN observations of magnetic flux ropes with a strong field amplitude in the Martian magnetosheath during the ICME passage on 8 March 2015. <i>Geophysical Research Letters</i> , 2016, 43, 4816-4824.	1.5	14
65	O ⁺ ion beams reflected below the Martian bow shock: MAVEN observations. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3093-3107.	0.8	13
66	MAVEN observations of partially developed Kelvin-Helmholtz vortices at Mars. <i>Geophysical Research Letters</i> , 2016, 43, 4763-4773.	1.5	38
67	Comparison of the Martian thermospheric density and temperature from IUVS/MAVEN data and general circulation modeling. <i>Geophysical Research Letters</i> , 2016, 43, 3095-3104.	1.5	34
68	A Review of General Physical and Chemical Processes Related to Plasma Sources and Losses for Solar System Magnetospheres. <i>Space Sciences Series of ISSI</i> , 2016, , 27-89.	0.0	0
69	Periodic variations of oxygen EUV dayglow in the upper atmosphere of Venus: Hisaki/EXCEED observations. <i>Journal of Geophysical Research E: Planets</i> , 2015, 120, 2037-2052.	1.5	14
70	Estimation of the spatial structure of a detached magnetic flux rope at Mars based on simultaneous MAVEN plasma and magnetic field observations. <i>Geophysical Research Letters</i> , 2015, 42, 8933-8941.	1.5	17
71	Asymmetric penetration of shocked solar wind down to 400 km altitudes at Mars. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 6874-6883.	0.8	7
72	Relation between fine structure of energy spectra for pulsating aurora electrons and frequency spectra of whistler mode chorus waves. <i>Journal of Geophysical Research: Space Physics</i> , 2015, 120, 7728-7736.	0.8	73

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73	The spatial distribution of planetary ion fluxes near Mars observed by MAVEN. <i>Geophysical Research Letters</i> , 2015, 42, 9142-9148.	1.5	115
74	Limited impact of escaping photoelectrons on the terrestrial polar wind flux in the polar cap. <i>Geophysical Research Letters</i> , 2015, 42, 3106-3113.	1.5	7
75	Science Enhancements by the MAVEN Participating Scientists. <i>Space Science Reviews</i> , 2015, 195, 319-355.	3.7	1
76	A Review of General Physical and Chemical Processes Related to Plasma Sources and Losses for Solar System Magnetospheres. <i>Space Science Reviews</i> , 2015, 192, 27-89.	3.7	16
77	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. <i>Science</i> , 2015, 350, aad0210.	6.0	166
78	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. <i>Science</i> , 2015, 350, aad0459.	6.0	90
79	Formation processes of flux ropes downstream from Martian crustal magnetic fields inferred from Gradâ€šShafranov reconstruction. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7947-7962.	0.8	22
80	Electron properties in invertedâ€šV structures and their vicinities based on Reimei observations. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 3650-3663.	0.8	7
81	The spatial structure of Martian magnetic flux ropes recovered by the Gradâ€šShafranov reconstruction technique. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1262-1271.	0.8	20
82	Reduction of the fieldâ€šaligned potential drop in the polar cap during large geomagnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 4864-4874.	0.8	6
83	Relativistic electron flux forecast at geostationary orbit using Kalman filter based on multivariate autoregressive model. <i>Space Weather</i> , 2013, 11, 79-89.	1.3	22
84	Geomagnetic conjugate observations of plasmaâ€šsheet electrons by the FAST and THEMIS satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 132-145.	0.8	3
85	Statistical properties of planetary heavyâ€šion precipitations toward the Martian ionosphere obtained from Mars Express. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 5348-5357.	0.8	14
86	Significance of Wave-Particle Interaction Analyzer for direct measurements of nonlinear wave-particle interactions. <i>Annales Geophysicae</i> , 2013, 31, 503-512.	0.6	25
87	Effects of the surface conductivity and the IMF strength on the dynamics of planetary ions in Mercury's magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 3233-3242.	0.8	15
88	Evolution of negative Slâ€šinduced ionospheric flows observed by SuperDARN King Salmon HF radar. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	8
89	Relativistic electron microbursts associated with whistler chorus rising tone elements: GEMSISâ€šRBW simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	62
90	Effect of R2â€šFAC development on the ionospheric electric field pattern deduced by a global ionospheric potential solver. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	15

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91	Centrifugally stimulated exospheric ion escape at Mercury. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	14
92	Photoelectron flows in the polar wind during geomagnetically quiet periods. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	26
93	Self-consistent kinetic numerical simulation model for ring current particles in the Earth's inner magnetosphere. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	13
94	Heavy-ion flux enhancement in the vicinity of the Martian ionosphere during CIR passage: Mars Express ASPERA-3 observations. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	29
95	Cross-scale coupling in the auroral acceleration region. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	29
96	Outer radiation belt boundary location relative to the magnetopause: Implications for magnetopause shadowing. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	46
97	Evidence for a Multi-scale Aurora. , 2011, , 271-280.		1
98	Electronic structures in single self-assembled InAs quantum dashes detected by nanogap metal electrodes. <i>Applied Physics Letters</i> , 2011, 99, 182104.	1.5	5
99	Growth of self-assembled InAs quantum dashes and their applications to single electron transistors. , 2011, , .		0
100	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on ÅELENE (Kaguya). <i>Space Science Reviews</i> , 2010, 154, 265-303.	3.7	123
101	The BepiColombo mission: An outstanding tool for investigating the Hermean environment. <i>Planetary and Space Science</i> , 2010, 58, 40-60.	0.9	43
102	Motion of aurorae. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	23
103	Formation of a broad plasma turbulent layer by forward and inverse energy cascades of the Kelvinâ€Helmholtz instability. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	37
104	A split in the outer radiation belt by magnetopause shadowing: Test particle simulations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	37
105	Simultaneous FAST and Double Star TC1 observations of broadband electrons during a storm time substorm. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	6
106	Formation of a sodium ring in Mercury's magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27
107	Smallâ€scale auroral current sheet structuring. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	28
108	Comparative Study of Global MHD Simulations of the Terrestrial Magnetosphere With Different Numerical Schemes. <i>IEEE Transactions on Plasma Science</i> , 2010, 38, 2229-2235.	0.6	0

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109	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on SELENE (Kaguya). , 2010, , 265-303.		1
110	Dynamics of magnetospheric ions at Mercury : some open questions awaiting Bepi Colombo measurements. , 2009, , .		0
111	Development of a magnetohydrodynamic simulation code satisfying the solenoidal magnetic field condition. Computer Physics Communications, 2009, 180, 1550-1557.	3.0	12
112	Mercury Ion Analyzer (MIA) onboard Mercury Magnetospheric Orbiter: MMO. Advances in Space Research, 2009, 43, 1986-1992.	1.2	5
113	Sheared flows and small-scale Alfvén wave generation in the auroral acceleration region. Geophysical Research Letters, 2009, 36, .	1.5	41
114	Simultaneous entry of oxygen ions originating from the Sun and Earth into the inner magnetosphere during magnetic storms. Journal of Geophysical Research, 2009, 114, .	3.3	11
115	Implementation of the CIP algorithm to magnetohydrodynamic simulations. Computer Physics Communications, 2008, 179, 289-296.	3.0	7
116	Effect of solar wind variation on low-energy O ⁺ populations in the magnetosphere during geomagnetic storms: FAST observations. Journal of Geophysical Research, 2008, 113, .	3.3	13
117	Coordinated EISCAT Svalbard radar and Reimei satellite observations of ion upflows and suprathermal ions. Journal of Geophysical Research, 2008, 113, .	3.3	24
118	Particle and field characteristics of broadband electrons observed by the FAST satellite during geomagnetic storms: A multievent study. Journal of Geophysical Research, 2008, 113, .	3.3	7
119	Statistical properties of the multiple ion band structures observed by the FAST satellite. Journal of Geophysical Research, 2008, 113, .	3.3	6
120	Low-energy charged particle measurement by MAP-PACE onboard SELENE. Earth, Planets and Space, 2008, 60, 375-385.	0.9	53
121	Ion-dispersion and rapid electron fluctuations in the cusp: a case study. Annales Geophysicae, 2008, 26, 2485-2502.	0.6	1
122	Magnetosphere-Exosphere-Surface Coupling at Mercury. Space Sciences Series of ISSI, 2008, , 369-391.	0.0	0
123	The secondary instability initiated by the three-dimensional nonlinear evolution of the Kelvin-Helmholtz instability. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	14
124	Particle and field characteristics of broadband electrons observed by the FAST satellite during a geomagnetic storm. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	7
125	Ion energization during substorms at Mercury. Planetary and Space Science, 2007, 55, 1502-1508.	0.9	16
126	Magnetosphere-Exosphere-Surface Coupling at Mercury. Space Science Reviews, 2007, 132, 551-573.	3.7	13

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127	Evidence for newly closed magnetosheath field lines at the dayside magnetopause under northward IMF. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	99
128	Observation of two distinct cold, dense ion populations at geosynchronous orbit: local time asymmetry, solar wind dependence and origin. <i>Annales Geophysicae</i> , 2006, 24, 3451-3465.	0.6	18
129	ON THE DYNAMICS OF CHARGED PARTICLES IN THE MAGNETOSPHERE OF MERCURY. , 2006, , 17-28.		8
130	ERG – A small-satellite mission to investigate the dynamics of the inner magnetosphere. <i>Advances in Space Research</i> , 2006, 38, 1861-1869.	1.2	17
131	Alfvén waves in the near-PSBL lobe: Cluster observations. <i>Annales Geophysicae</i> , 2006, 24, 1001-1013.	0.6	13
132	Terrestrial nitrogen and noble gases in lunar soils. <i>Nature</i> , 2005, 436, 655-659.	13.7	99
133	Two types of PSBL ion beam observed by Geotail: Their relation to low frequency electromagnetic waves and cold ion energization. <i>Advances in Space Research</i> , 2005, 36, 1883-1889.	1.2	11
134	Electron dynamics during substorm dipolarization in Mercury's magnetosphere. <i>Annales Geophysicae</i> , 2005, 23, 3389-3398.	0.6	23
135	Statistical properties of low-frequency waves and ion beams in the plasma sheet boundary layer: Geotail observations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	40
136	Comparative study of outer-zone relativistic electrons observed by Akebono and CRRES. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	15
137	Periodic emergence of multicomposition cold ions modulated by geomagnetic field line oscillations in the near-Earth magnetosphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	16
138	Cold ions in the hot plasma sheet of Earth's magnetotail. <i>Nature</i> , 2003, 422, 589-592.	13.7	74
139	A new perspective on plasma supply mechanisms to the magnetotail from a statistical comparison of dayside mirroring O ⁺ at low altitudes with lobe/mantle beams. <i>Journal of Geophysical Research</i> , 2002, 107, SMP 7-1.	3.3	17
140	On Atmospheric Loss of Oxygen Ions from Earth Through Magnetospheric Processes. <i>Science</i> , 2001, 291, 1939-1941.	6.0	114
141	Origin and dynamics of multi-component (H ⁺ /He ⁺⁺ /He ⁺ /O ⁺) ion flows in the lobe/mantle regions. <i>Advances in Space Research</i> , 2000, 25, 1581-1590.	1.2	6
142	Outflowing ionospheric ions observed by Geotail and Akebono and their transport in the near-Earth and mid-tail magnetosphere. <i>Advances in Space Research</i> , 2000, 25, 1591-1601.	1.2	1
143	Cold flowing O ⁺ beams in the lobe/mantle at Geotail: Does FAST observe the source?. <i>Journal of Geophysical Research</i> , 2000, 105, 15931-15944.	3.3	20
144	Properties of He ⁺ beams observed by Geotail in the lobe/mantle regions: Comparison with O ⁺ beams. <i>Journal of Geophysical Research</i> , 1999, 104, 6973-6985.	3.3	20

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145	Statistical properties and possible supply mechanisms of tailward cold O ⁺ beams in the lobe/mantle regions. <i>Journal of Geophysical Research</i> , 1998, 103, 4477-4489.	3.3	95
146	Reconnection event at the dayside magnetopause on January 10, 1997. <i>Geophysical Research Letters</i> , 1998, 25, 2529-2532.	1.5	5
147	Quantification of tailward cold O ⁺ beams in the lobe/mantle regions with Geotail data: Constraints on polar O ⁺ outflows. <i>Journal of Geophysical Research</i> , 1998, 103, 29371-29381.	3.3	29
148	Alternate Appearance of He ⁺ and O ⁺ in the Multi-Component Ion Flows in the Lobe/Mantle Regions: Geotail Observations. <i>Astrophysics and Space Science Library</i> , 1998, , 417-420.	1.0	0
149	Dayside reconnected field lines in the south-dusk near-tail flank during an IMF B _y > 0 dominated period. <i>Geophysical Research Letters</i> , 1997, 24, 931-934.	1.5	17
150	Characteristics of downward flowing ion energy dispersions observed in the low-altitude central plasma sheet by Akebono and DMSP. <i>Journal of Geophysical Research</i> , 1997, 102, 4821-4839.	3.3	19
151	Coexistence of Earth-origin O ⁺ and solar wind-origin H ⁺ /He ⁺⁺ in the distant magnetotail. <i>Geophysical Research Letters</i> , 1996, 23, 985-988.	1.5	60
152	The Energization and Radiation in Geospace (ERG) Project. <i>Geophysical Monograph Series</i> , 0, , 103-116.	0.1	33
153	Cold Dense Ion Flows in the Distant Magnetotail: The Geotail Results. <i>Geophysical Monograph Series</i> , 0, , 45-60.	0.1	5