

Kanako Seki

List of Publications by Year in descending order

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153
papers

4,281
citations

159525

30
h-index

133188

59
g-index

157
all docs

157
docs citations

157
times ranked

2875
citing authors

#	ARTICLE	IF	CITATIONS
1	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332
2	Loss of the Martian atmosphere to space: Present-day loss rates determined from MAVEN observations and integrated loss through time. <i>Icarus</i> , 2018, 315, 146-157.	1.1	216
3	Geospace exploration project ERG. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	201
4	MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. <i>Science</i> , 2015, 350, aad0210.	6.0	166
5	Pulsating aurora from electron scattering by chorus waves. <i>Nature</i> , 2018, 554, 337-340.	13.7	149
6	The ERG Science Center. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	124
7	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
8	The spatial distribution of planetary ion fluxes near Mars observed by MAVEN. <i>Geophysical Research Letters</i> , 2015, 42, 9142-9148.	1.5	115
9	On Atmospheric Loss of Oxygen Ions from Earth Through Magnetospheric Processes. <i>Science</i> , 2001, 291, 1939-1941.	6.0	114
10	Terrestrial nitrogen and noble gases in lunar soils. <i>Nature</i> , 2005, 436, 655-659.	13.7	99
11	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
12	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
13	Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. <i>Science</i> , 2015, 350, aad0459.	6.0	90
14	Cold ions in the hot plasma sheet of Earth's magnetotail. <i>Nature</i> , 2003, 422, 589-592.	13.7	74
15	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
16	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
17	Investigating Mercury's Environment with the Two-Spacecraft BepiColombo Mission. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	71
18	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

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19	Relativistic electron microbursts associated with whistler chorus rising tone elements: GEMSIS&RBW simulations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	62
20	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
21	Low-energy charged particle measurement by MAP-PACE onboard SELENE. <i>Earth, Planets and Space</i> , 2008, 60, 375-385.	0.9	53
22	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
23	Statistical Study of Relations Between the Induced Magnetosphere, Ion Composition, and Pressure Balance Boundaries Around Mars Based On MAVEN Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 9723-9737.	0.8	44
24	The BepiColombo mission: An outstanding tool for investigating the Hermean environment. <i>Planetary and Space Science</i> , 2010, 58, 40-60.	0.9	43
25	Sheared flows and small-scale Alfvén wave generation in the auroral acceleration region. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	41
26	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
27	MAVEN observations of partially developed Kelvin-Helmholtz vortices at Mars. <i>Geophysical Research Letters</i> , 2016, 43, 4763-4773.	1.5	38
28	Formation of a broad plasma turbulent layer by forward and inverse energy cascades of the Kelvin-Helmholtz instability. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	37
29	A split in the outer radiation belt by magnetopause shadowing: Test particle simulations. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	37
30	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
31	The Energization and Radiation in Geospace (ERG) Project. <i>Geophysical Monograph Series</i> , 0, , 103-116.	0.1	33
32	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
33	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
34	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
35	Cross-scale coupling in the auroral acceleration region. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	29
36	Effects of a Weak Intrinsic Magnetic Field on Atmospheric Escape From Mars. <i>Geophysical Research Letters</i> , 2018, 45, 9336-9343.	1.5	29

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37	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
38	Small-scale auroral current sheet structuring. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	28
39	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
40	Formation of a sodium ring in Mercury's magnetosphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	27
41	Photoelectron flows in the polar wind during geomagnetically quiet periods. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	26
42	SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. <i>Space Science Reviews</i> , 2021, 217, 11.	3.7	26
43	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
44	Coordinated EISCAT Svalbard radar and Reimei satellite observations of ion upflows and suprathermal ions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
45	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
46	Electron dynamics during substorm dipolarization in Mercury's magnetosphere. <i>Annales Geophysicae</i> , 2005, 23, 3389-3398.	0.6	23
47	Motion of aurorae. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	23
48	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
49	Formation processes of flux ropes downstream from Martian crustal magnetic fields inferred from Grad-Shafranov reconstruction. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 7947-7962.	0.8	22
50	Cold Dense Ion Outflow Observed in the Martian-Induced Magnetotail by MAVEN. <i>Geophysical Research Letters</i> , 2018, 45, 5283-5289.	1.5	22
51	MAVEN observations of a giant ionospheric flux rope near Mars resulting from interaction between the crustal and interplanetary draped magnetic fields. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 828-842.	0.8	21
52	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
53	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
54	The spatial structure of Martian magnetic flux ropes recovered by the Grad-Shafranov reconstruction technique. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 1262-1271.	0.8	20

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55	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
56	MAVEN observations on a hemispheric asymmetry of precipitating ions toward the Martian upper atmosphere according to the upstream solar wind electric field. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 1083-1101.	0.8	19
57	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
58	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
59	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
60	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
61	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
62	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
63	Geospace exploration project: Arase (ERG). <i>Journal of Physics: Conference Series</i> , 2017, 869, 012095.	0.3	17
64	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
65	Ion energization during substorms at Mercury. <i>Planetary and Space Science</i> , 2007, 55, 1502-1508.	0.9	16
66	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
67	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
68	Comparative study of outer-zone relativistic electrons observed by Akebono and CRRES. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	15
69	Effect of R2 – FAC 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
70	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
71	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
72	Global Structure and Sodium Ion Dynamics in Mercury's Magnetosphere With the Offset Dipole. <i>Journal of Geophysical Research: Space Physics</i> , 2017, 122, 10,990.	0.8	15

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73	Ion Energies Dominating Energy Density in the Inner Magnetosphere: Spatial Distributions and Composition, Observed by Arase/MEPAC. Geophysical Research Letters, 2018, 45, 12,153-12,162.	1.5	15
74	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
75	Centrifugally stimulated exospheric ion escape at Mercury. Geophysical Research Letters, 2012, 39, .	1.5	14
76	Statistical properties of planetary heavy-ion precipitations toward the Martian ionosphere obtained from Mars Express. Journal of Geophysical Research: Space Physics, 2013, 118, 5348-5357.	0.8	14
77	Periodic variations of oxygen EUV dayglow in the upper atmosphere of Venus: Hisaki/EXCEED observations. Journal of Geophysical Research E: Planets, 2015, 120, 2037-2052.	1.5	14
78	MAVEN observations of magnetic flux ropes with a strong field amplitude in the Martian magnetosheath during the ICME passage on 8 March 2015. Geophysical Research Letters, 2016, 43, 4816-4824.	1.5	14
79	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
80	Magnetosphere-Exosphere-Surface Coupling at Mercury. Space Science Reviews, 2007, 132, 551-573.	3.7	13
81	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
82	Self-consistent kinetic numerical simulation model for ring current particles in the Earth's inner magnetosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	13
83	O ⁺ ion beams reflected below the Martian bow shock: MAVEN observations. Journal of Geophysical Research: Space Physics, 2016, 121, 3093-3107.	0.8	13
84	Three-Step Buildup of the 17 March 2015 Storm Ring Current: Implication for the Cause of the Unexpected Storm Intensification. Journal of Geophysical Research: Space Physics, 2018, 123, 414-428.	0.8	13
85	Alfvén waves in the near-PSBL lobe: Cluster observations. Annales Geophysicae, 2006, 24, 1001-1013.	0.6	13
86	Development of a magnetohydrodynamic simulation code satisfying the solenoidal magnetic field condition. Computer Physics Communications, 2009, 180, 1550-1557.	3.0	12
87	Characteristics of CME- and CIR-Driven Ion Upflows in the Polar Ionosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 3637-3649.	0.8	12
88	Two types of PSBL ion beam observed by Geotail: Their relation to low frequency electromagnetic waves and cold ion energization. Advances in Space Research, 2005, 36, 1883-1889.	1.2	11
89	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
90	Statistical analysis of the reflection of incident O ⁺ pickup ions at Mars: MAVEN observations. Journal of Geophysical Research: Space Physics, 2017, 122, 4089-4101.	0.8	11

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91	Theory, modeling, and integrated studies in the Arase (ERG) project. Earth, Planets and Space, 2018, 70, .	0.9	11
92	The Mars system revealed by the Martian Moons eXploration mission. Earth, Planets and Space, 2022, 74, .	0.9	11
93	Formation of Butterfly Pitch Angle Distributions of Relativistic Electrons in the Outer Radiation Belt With a Monochromatic Pc5 Wave. Journal of Geophysical Research: Space Physics, 2018, 123, 4679-4691.	0.8	10
94	Collaborative Research Activities of the Arase and Van Allen Probes. Space Science Reviews, 2022, 218, .	3.7	10
95	Rapid increase in relativistic electron flux controlled by nonlinear phase trapping of whistler chorus elements. Journal of Geophysical Research: Space Physics, 2016, 121, 6573-6589.	0.8	9
96	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
97	A Warm Layer in the Nightside Mesosphere of Mars. Geophysical Research Letters, 2020, 47, e2019GL085646.	1.5	9
98	ON THE DYNAMICS OF CHARGED PARTICLES IN THE MAGNETOSPHERE OF MERCURY. , 2006, , 17-28.		8
99	Evolution of negative Sl-Induced ionospheric flows observed by SuperDARN King Salmon HF radar. Journal of Geophysical Research, 2012, 117, .	3.3	8
100	First evidence of patchy flickering aurora modulated by multi-ion electromagnetic ion cyclotron waves. Geophysical Research Letters, 2017, 44, 3963-3970.	1.5	8
101	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
102	Statistical Properties of Molecular Ions in the Ring Current Observed by the Arase (ERG) Satellite. Geophysical Research Letters, 2019, 46, 8643-8651.	1.5	8
103	Low Electron Temperatures Observed at Mars by MAVEN on Dayside Crustal Magnetic Field Lines. Journal of Geophysical Research: Space Physics, 2019, 124, 7629-7637.	0.8	8
104	Strong Diffusion of Energetic Electrons by Equatorial Chorus Waves in the Midnight-to-Dawn Sector. Geophysical Research Letters, 2019, 46, 12685-12692.	1.5	8
105	Effects of the IMF Direction on Atmospheric Escape From a Mars-Like Planet Under Weak Intrinsic Magnetic Field Conditions. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028485.	0.8	8
106	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
107	Implementation of the CIP algorithm to magnetohydrodynamic simulations. Computer Physics Communications, 2008, 179, 289-296.	3.0	7
108	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

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109	Electron properties in inverted Δ structures and their vicinities based on Reimei observations. Journal of Geophysical Research: Space Physics, 2014, 119, 3650-3663.	0.8	7
110	Asymmetric penetration of shocked solar wind down to 400 km altitudes at Mars. Journal of Geophysical Research: Space Physics, 2015, 120, 6874-6883.	0.8	7
111	Limited impact of escaping photoelectrons on the terrestrial polar wind flux in the polar cap. Geophysical Research Letters, 2015, 42, 3106-3113.	1.5	7
112	Dawn-dusk difference of periodic oxygen EUV dayglow variations at Venus observed by Hisaki. Icarus, 2017, 292, 102-110.	1.1	7
113	Global Distribution of ULF Waves During Magnetic Storms: Comparison of Arase, Ground Observations, and BATSRUS \bar{A} + \bar{A} CRCM Simulation. Geophysical Research Letters, 2018, 45, 9390-9397.	1.5	7
114	Statistical Study of Selective Oxygen Increase in High \bar{E} Energy Ring Current Ions During Magnetic Storms. Journal of Geophysical Research: Space Physics, 2019, 124, 3193-3209.	0.8	7
115	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
116	Origin and dynamics of multi-component (H $\bar{+}$ /He $\bar{++}$ /He $\bar{+}$ /O $\bar{+}$) ion flows in the lobe/mantle regions. Advances in Space Research, 2000, 25, 1581-1590.	1.2	6
117	Statistical properties of the multiple ion band structures observed by the FAST satellite. Journal of Geophysical Research, 2008, 113, .	3.3	6
118	Simultaneous FAST and Double Star TC1 observations of broadband electrons during a storm time substorm. Journal of Geophysical Research, 2010, 115, .	3.3	6
119	Reduction of the field \bar{A} aligned potential drop in the polar cap during large geomagnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 4864-4874.	0.8	6
120	Visualization tool for three-dimensional plasma velocity distributions (ISEE_3D) as a plug-in for SPEDAS. Earth, Planets and Space, 2017, 69, .	0.9	6
121	Excitation of Storm Time Pc5 ULF Waves by Ring Current Ions Based on the Drift \bar{A} Kinetic Simulation. Geophysical Research Letters, 2019, 46, 1911-1918.	1.5	6
122	A Statistical Study of the Solar Wind Dependence of Multi \bar{A} Harmonic Toroidal ULF Waves Observed by the Arase Satellite. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	6
123	Reconnection event at the dayside magnetopause on January 10, 1997. Geophysical Research Letters, 1998, 25, 2529-2532.	1.5	5
124	Mercury Ion Analyzer (MIA) onboard Mercury Magnetospheric Orbiter: MMO. Advances in Space Research, 2009, 43, 1986-1992.	1.2	5
125	Electronic structures in single self-assembled InAs quantum dashes detected by nanogap metal electrodes. Applied Physics Letters, 2011, 99, 182104.	1.5	5
126	Cold Dense Ion Flows in the Distant Magnetotail: The Geotail Results. Geophysical Monograph Series, 0, , 45-60.	0.1	5

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127	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
128	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
129	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
130	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
131	Study of an equatorward detachment of auroral arc from the oval using ground-space observations and the BATS-U-S CIMI model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029080.	0.8	4
132	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
133	Geomagnetic conjugate observations of plasma-sheet electrons by the FAST and THEMIS satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2013, 118, 132-145.	0.8	3
134	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
135	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
136	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
137	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
138	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
139	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
140	Ion-dispersion and rapid electron fluctuations in the cusp: a case study. <i>Annales Geophysicae</i> , 2008, 26, 2485-2502.	0.6	1
141	Evidence for a Multi-scale Aurora. , 2011, , 271-280.		1
142	Science Enhancements by the MAVEN Participating Scientists. <i>Space Science Reviews</i> , 2015, 195, 319-355.	3.7	1
143	A Statistical Study of Slow-Mode Shocks Observed by MMS in the Dayside Magnetopause. <i>Geophysical Research Letters</i> , 2018, 45, 4675-4684.	1.5	1
144	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

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145	In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) on SELENE (Kaguya). , 2010, , 265-303.		1
146	High-contrast apodization baffle for instruments onboard solar system exploration missions. , 2018, , .		1
147	Dynamics of magnetospheric ions at Mercury : some open questions awaiting Bepi Colombo measurements. , 2009, , .		0
148	Comparative Study of Global MHD Simulations of the Terrestrial Magnetosphere With Different Numerical Schemes. IEEE Transactions on Plasma Science, 2010, 38, 2229-2235.	0.6	0
149	Growth of self-assembled InAs quantum dashes and their applications to single electron transistors. , 2011, , .		0
150	Magnetosphere“Exosphere”Surface Coupling at Mercury. Space Sciences Series of ISSI, 2008, , 369-391.	0.0	0
151	Alternate Appearance of He+ and O+ in the Multi-Component Ion Flows in the Lobe/Mantle Regions: Geotail Observations. Astrophysics and Space Science Library, 1998, , 417-420.	1.0	0
152	A Review of General Physical and Chemical Processes Related to Plasma Sources and Losses for Solar System Magnetospheres. Space Sciences Series of ISSI, 2016, , 27-89.	0.0	0
153	Design for stray-light reduction to a Martian ionospheric imager. Applied Optics, 2020, 59, 9937.	0.9	0