# Kanako Seki

List of Publications by Year
in descending order



| 153 | 4,281 | 159585 30 | 133252 59 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 157 | 157 | 157 | 2875 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A Statistical Study of the Solar Wind Dependence of Multiâ€Harmonic Toroidal ULF Waves Observed by the Arase Satellite. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 6 |
| 2 | The Mars system revealed by the Martian Moons eXploration mission. Earth, Planets and Space, 2022, 74, . | 2.5 | 11 |
| 3 | Preferential Energization of Lowerâ€Chargeâ€State Heavier Ions in the Nearâ€Earth Magnetotail. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 3 |
| 4 | Study of Slowâ€Mode Shock Formation and Particle Acceleration in the Symmetric Magnetic Reconnection Based on Hybrid Simulations. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 3 |
| 5 | Formation Mechanisms of the Molecular Ion Polar Plume and Its Contribution to Ion Escape From Mars. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 4 |
| 6 | Multispecies MHD Study of Ion Escape at Ancient Mars: Effects of an Intrinsic Magnetic Field and Solar XUV Radiation. Journal of Geophysical Research: Space Physics, 2022, 127, . | 2.4 | 2 |
| 7 | Collaborative Research Activities of the Arase and Van Allen Probes. Space Science Reviews, 2022, 218, . | 8.1 | 10 |
| 8 | SERENA: Particle Instrument Suite for Determining the Sun-Mercury Interaction from BepiColombo. Space Science Reviews, 2021, 217, 11. | 8.1 | 26 |
| 9 | Effects of the IMF Direction on Atmospheric Escape From a Marsâ€like Planet Under Weak Intrinsic Magnetic Field Conditions. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028485. | 2.4 | 8 |
| 10 | Lowâ€Altitude Ion Upflow Observed by EISCAT and its Effects on Supply of Molecular Ions in the Ring Current Detected by Arase (ERG). Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028951. | 2.4 | 2 |
| 11 | Pre-flight Calibration and Near-Earth Commissioning Results of the Mercury Plasma Particle Experiment (MPPE) Onboard MMO (Mio). Space Science Reviews, 2021, 217, 1. | 8.1 | 32 |
| 12 | Relative Contribution of ULF Waves and Whistlerâ€mode Chorus to the Radiation Belt Variation during the May 2017 Storm. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028972. | 2.4 | 1 |
| 13 | On the relationship between energy input to the ionosphere and the ion outflow flux under different solar zenith angles. Earth, Planets and Space, 2021, 73, 202. | 2.5 | 5 |
| 14 | Study of an equatorward detachment of auroral arc from the oval using groundâ€space observations and the BATSâ€Râ€US â€“ CIMI model. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029080. | 2.4 | 4 |
| 15 | 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, . | 2.5 | 14 |
| 16 | Vertical Propagation of Wave Perturbations in the Middle Atmosphere on Mars by MAVEN/IUVS. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006481. | 3.6 | 18 |
| 17 | Excitation of Internally Driven ULF Waves by the Driftâ€Bounce Resonance With Ring Current Ions Based on the Driftâ€Kinetic Simulation. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028231. | 2.4 | 5 |
| 18 | Investigating Mercuryâ€™s Environment with the Two-Spacecraft BepiColombo Mission. Space Science Reviews, 2020, 216, 1. | 8.1 | 71 |

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| 19 | On the Transition Between the Inner and Outer Plasma Sheet in the Earth's Magnetotail. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027561. | 2.4 | 7 |
| 20 | A Warm Layer in the Nightside Mesosphere of Mars. Geophysical Research Letters, 2020, 47, e2019GL085646. | 4.0 | 9 |
| 21 | Effects of an Intrinsic Magnetic Field on Ion Loss From Ancient Mars Based on Multispecies MHD Simulations. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026945. | 2.4 | 24 |
| 22 | Vertical Coupling Between the Cloudâ€Level Atmosphere and the Thermosphere of Venus Inferred From the Simultaneous Observations by Hisaki and Akatsuki. Journal of Geophysical Research E: Planets, 2020, 125, e2019JE006192. | 3.6 | 2 |
| 23 | A framework for estimating spherical vector fields using localized basis functions and its application to SuperDARN data processing. Earth, Planets and Space, 2020, 72, . | 2.5 | 4 |
| 24 | Design for stray-light reduction to a Martian ionospheric imager. Applied Optics, 2020, 59, 9937. | 1.8 | 0 |
| 25 | Statistical Properties of Molecular Ions in the Ring Current Observed by the Arase (ERG) Satellite. Geophysical Research Letters, 2019, 46, 8643-8651. | 4.0 | 8 |
| 26 | Statistical Study of Heavy Ion Outflows From Mars Observed in the Martianâ€Induced Magnetotail by MAVEN. Journal of Geophysical Research: Space Physics, 2019, 124, 5482-5497. | 2.4 | 29 |
| 27 | Low Electron Temperatures Observed at Mars by MAVEN on Dayside Crustal Magnetic Field Lines. Journal of Geophysical Research: Space Physics, 2019, 124, 7629-7637. | 2.4 | 8 |
| 28 | Excitation of Storm Time Pc5 ULF Waves by Ring Current Ions Based on the Driftâ€Kinetic Simulation. Geophysical Research Letters, 2019, 46, 1911-1918. | 4.0 | 6 |
| 29 | Statistical Study of Selective Oxygen Increase in Highâ€Energy Ring Current Ions During Magnetic Storms. Journal of Geophysical Research: Space Physics, 2019, 124, 3193-3209. | 2.4 | 7 |
| 30 | Characteristics of CMEâ€and CIRâ€Driven Ion Upflows in the Polar Ionosphere. Journal of Geophysical Research: Space Physics, 2019, 124, 3637-3649. | 2.4 | 12 |
| 31 | The Space Physics Environment Data Analysis System (SPEDAS). Space Science Reviews, 2019, 215, 9. | 8.1 | 332 |
| 32 | Strong Diffusion of Energetic Electrons by Equatorial Chorus Waves in the Midnightâ€toâ€Dawn Sector. Geophysical Research Letters, 2019, 46, 12685-12692. | 4.0 | 8 |
| 33 | 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. | 2.4 | 10 |
| 34 | Pulsating aurora from electron scattering by chorus waves. Nature, 2018, 554, 337-340. | 27.8 | 149 |
| 35 | Threeâ€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. | 2.4 | 13 |
| 36 | Evidence for Crustal Magnetic Field Control of Ions Precipitating Into the Upper Atmosphere of Mars. Journal of Geophysical Research: Space Physics, 2018, 123, 8572-8586. | 2.4 | 16 |

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| 37 | Geospace exploration project ERG. Earth, Planets and Space, 2018, 70, . | 2.5 | 201 |
| 38 | The ERG Science Center. Earth, Planets and Space, 2018, 70, . | 2.5 | 124 |
| 39 | Ion Energies Dominating Energy Density in the Inner Magnetosphere: Spatial Distributions and Composition, Observed by Arase/MEPâ€¡. Geophysical Research Letters, 2018, 45, 12,153-12,162. | 4.0 | 15 |
| 40 | Global Distribution of ULF Waves During Magnetic Storms: Comparison of Arase, Ground Observations, and BATSRUSÂ+ÂCRCM Simulation. Geophysical Research Letters, 2018, 45, 9390-9397. | 4.0 | 7 |
| 41 | Substormâ€Associated Ionospheric Flow Fluctuations During the 27 March 2017 Magnetic Storm: SuperDARNâ€Arase Conjunction. Geophysical Research Letters, 2018, 45, 9441-9449. | 4.0 | 9 |
| 42 | Effects of a Weak Intrinsic Magnetic Field on Atmospheric Escape From Mars. Geophysical Research Letters, 2018, 45, 9336-9343. | 4.0 | 29 |
| 43 | A Statistical Study of Slowâ€Mode Shocks Observed by MMS in the Dayside Magnetopause. Geophysical Research Letters, 2018, 45, 4675-4684. | 4.0 | 1 |
| 44 | Cold Dense Ion Outflow Observed in the Martianâ€Induced Magnetotail by MAVEN. Geophysical Research Letters, 2018, 45, 5283-5289. | 4.0 | 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. | 2.5 | 216 |
| 46 | Radial Transport of Higherâ€Energy Oxygen Ions Into the Deep Inner Magnetosphere Observed by Van Allen Probes. Geophysical Research Letters, 2018, 45, 4534-4541. | 4.0 | 8 |
| 47 | Theory, modeling, and integrated studies in the Arase (ERG) project. Earth, Planets and Space, 2018, 70, . | 2.5 | 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. | 2.5 | 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. | 2.4 | 19 |
| 51 | First evidence of patchy flickering aurora modulated by multiâ€ion electromagnetic ion cyclotron waves. Geophysical Research Letters, 2017, 44, 3963-3970. | 4.0 | 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. | 2.4 | 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. | 2.4 | 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. | 2.4 | 44 |

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| 55 | Statistical analysis of the reflection of incident O<sup>+</sup> pickup ions at Mars: MAVEN observations. Journal of Geophysical Research: Space Physics, 2017, 122, 4089-4101. | 2.4 | 11 |
| 56 | Global distribution and parameter dependences of gravity wave activity in the Martian upper thermosphere derived from MAVEN/NGIMS observations. Journal of Geophysical Research: Space Physics, 2017, 122, 2374-2397. | 2.4 | 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. Earth, Planets and Space, 2017, 69, . | 2.5 | 74 |
| 58 | Visualization tool for three-dimensional plasma velocity distributions (ISEE_3D) as a plug-in for SPEDAS. Earth, Planets and Space, 2017, 69, . | 2.5 | 6 |
| 59 | On the origins of magnetic flux ropes in nearâ€Mars magnetotail current sheets. Geophysical Research Letters, 2017, 44, 7653-7662. | 4.0 | 28 |
| 60 | Geospace exploration project: Arase (ERG). Journal of Physics: Conference Series, 2017, 869, 012095. | 0.4 | 17 |
| 61 | Storm time impulsive enhancements of energetic oxygen due to adiabatic acceleration of preexisting warm oxygen in the inner magnetosphere. Journal of Geophysical Research: Space Physics, 2016, 121, 7739-7752. | 2.4 | 15 |
| 62 | 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. | 2.4 | 9 |
| 63 | A fullâ€particle Martian upper thermosphereâ€exosphere model using the DSMC method. Journal of Geophysical Research E: Planets, 2016, 121, 1429-1444. | 3.6 | 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. Geophysical Research Letters, 2016, 43, 4816-4824. | 4.0 | 14 |
| 65 | O<sup>+</sup> ion beams reflected below the Martian bow shock: MAVEN observations. Journal of Geophysical Research: Space Physics, 2016, 121, 3093-3107. | 2.4 | 13 |
| 66 | MAVEN observations of partially developed Kelvinâ€Helmholtz vortices at Mars. Geophysical Research Letters, 2016, 43, 4763-4773. | 4.0 | 38 |
| 67 | Comparison of the Martian thermospheric density and temperature from IUVS/MAVEN data and general circulation modeling. Geophysical Research Letters, 2016, 43, 3095-3104. | 4.0 | 34 |
| 68 | 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 |
| 69 | 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. | 3.6 | 14 |
| 70 | Estimation of the spatial structure of a detached magnetic flux rope at Mars based on simultaneous MAVEN plasma and magnetic field observations. Geophysical Research Letters, 2015, 42, 8933-8941. | 4.0 | 17 |
| 71 | Asymmetric penetration of shocked solar wind down to 400 km altitudes at Mars. Journal of Geophysical Research: Space Physics, 2015, 120, 6874-6883. | 2.4 | 7 |
| 72 | Relation between fine structure of energy spectra for pulsating aurora electrons and frequency spectra of whistler mode chorus waves. Journal of Geophysical Research: Space Physics, 2015, 120, 7728-7736. | 2.4 | 73 |

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| 73 | The spatial distribution of planetary ion fluxes near Mars observed by MAVEN. Geophysical Research Letters, 2015, 42, 9142-9148. | 4.0 | 115 |
| 74 | Limited impact of escaping photoelectrons on the terrestrial polar wind flux in the polar cap. Geophysical Research Letters, 2015, 42, 3106-3113. | 4.0 | 7 |
| 75 | Science Enhancements by the MAVEN Participating Scientists. Space Science Reviews, 2015, 195, 319-355. | 8.1 | 1 |
| 76 | A Review of General Physical and Chemical Processes Related to Plasma Sources and Losses for Solar System Magnetospheres. Space Science Reviews, 2015, 192, 27-89. | 8.1 | 16 |
| 77 | MAVEN observations of the response of Mars to an interplanetary coronal mass ejection. Science, 2015, 350, aad0210. | 12.6 | 166 |
| 78 | Early MAVEN Deep Dip campaign reveals thermosphere and ionosphere variability. Science, 2015, 350, aad0459. | 12.6 | 90 |
| 79 | Formation processes of flux ropes downstream from Martian crustal magnetic fields inferred from Gradâ€Shafranov reconstruction. Journal of Geophysical Research: Space Physics, 2014, 119, 7947-7962. | 2.4 | 22 |
| 80 | Electron properties in invertedâ€V structures and their vicinities based on Reimei observations. Journal of Geophysical Research: Space Physics, 2014, 119, 3650-3663. | 2.4 | 7 |
| 81 | The spatial structure of Martian magnetic flux ropes recovered by the Gradâ€Shafranov reconstruction technique. Journal of Geophysical Research: Space Physics, 2014, 119, 1262-1271. | 2.4 | 20 |
| 82 | Reduction of the fieldâ€aligned potential drop in the polar cap during large geomagnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 4864-4874. | 2.4 | 6 |
| 83 | Relativistic electron flux forecast at geostationary orbit using Kalman filter based on multivariate autoregressive model. Space Weather, 2013, 11, 79-89. | 3.7 | 22 |
| 84 | Geomagnetic conjugate observations of plasmaâ€sheet electrons by the FAST and THEMIS satellites. Journal of Geophysical Research: Space Physics, 2013, 118, 132-145. | 2.4 | 3 |
| 85 | Statistical properties of planetary heavyâ€ion precipitations toward the Martian ionosphere obtained from Mars Express. Journal of Geophysical Research: Space Physics, 2013, 118, 5348-5357. | 2.4 | 14 |
| 86 | Significance of Wave-Particle Interaction Analyzer for direct measurements of nonlinear wave-particle interactions. Annales Geophysicae, 2013, 31, 503-512. | 1.6 | 25 |
| 87 | Effects of the surface conductivity and the IMF strength on the dynamics of planetary ions in Mercury's magnetosphere. Journal of Geophysical Research: Space Physics, 2013, 118, 3233-3242. | 2.4 | 15 |
| 88 | Evolution of negative SIâ€induced ionospheric flows observed by SuperDARN King Salmon HF radar. Journal of Geophysical Research, 2012, 117, . | 3.3 | 8 |
| 89 | Relativistic electron microbursts associated with whistler chorus rising tone elements: GEMSISâ€RBW simulations. Journal of Geophysical Research, 2012, 117, . | 3.3 | 62 |
| 90 | Effect of R2â€FAC development on the ionospheric electric field pattern deduced by a global ionospheric potential solver. Journal of Geophysical Research, 2012, 117, . | 3.3 | 15 |

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| 92 | Photoelectron flows in the polar wind during geomagnetically quiet periods. Journal of Geophysical Research, 2012, 117, . | 3.3 | 26 |
| 93 | 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 |
| 94 | Heavy-ion flux enhancement in the vicinity of the Martian ionosphere during CIR passage: Mars Express ASPERA-3 observations. Journal of Geophysical Research, 2011, 116, n/a-n/a. | 3.3 | 29 |
| 95 | Cross-scale coupling in the auroral acceleration region. Geophysical Research Letters, 2011, 38, n/a-n/a. | 4.0 | 29 |
| 96 | Outer radiation belt boundary location relative to the magnetopause: Implications for magnetopause shadowing. Journal of Geophysical Research, 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. Applied Physics Letters, 2011, 99, 182104. | 3.3 | 5 |
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| 100 | In-flight Performance and Initial Results of Plasma Energy Angle and Composition Experiment (PACE) onÂSELENE (Kaguya). Space Science Reviews, 2010, 154, 265-303. | 8.1 | 123 |
| 101 | The BepiColombo mission: An outstanding tool for investigating the Hermean environment. Planetary and Space Science, 2010, 58, 40-60. | 1.7 | 43 |
| 102 | Motion of aurorae. Geophysical Research Letters, 2010, 37, . | 4.0 | 23 |
| 103 | Formation of a broad plasma turbulent layer by forward and inverse energy cascades of the Kelvinâ€“Helmholtz instability. Journal of Geophysical Research, 2010, 115, . | 3.3 | 37 |
| 104 | A split in the outer radiation belt by magnetopause shadowing: Test particle simulations. Journal of Geophysical Research, 2010, 115, . | 3.3 | 37 |
| 105 | Simultaneous FAST and Double Star TC1 observations of broadband electrons during a storm time substorm. Journal of Geophysical Research, 2010, 115, . | 3.3 | 6 |
| 106 | Formation of a sodium ring in Mercury's magnetosphere. Journal of Geophysical Research, 2010, 115, . | 3.3 | 27 |
| 107 | Smallâ€scale auroral current sheet structuring. Journal of Geophysical Research, 2010, 115, . | 3.3 | 28 |
| 108 | Comparative Study of Global MHD Simulations of the Terrestrial Magnetosphere With Different Numerical Schemes. IEEE Transactions on Plasma Science, 2010, 38, 2229-2235. | 1.3 | 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. | 7.5 | 12 |
| 112 | Mercury Ion Analyzer (MIA) onboard Mercury Magnetospheric Orbiter: MMO. Advances in Space Research, 2009, 43, 1986-1992. | 2.6 | 5 |
| 113 | Sheared flows and smallâ€scale AlfvÃ©n wave generation in the auroral acceleration region. Geophysical Research Letters, 2009, 36, . | 4.0 | 41 |
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| 116 | Effect of solar wind variation on lowâ€energy O<sup>+</sup> 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. | 2.5 | 53 |
| 121 | Ion-dispersion and rapid electron fluctuations in the cusp: a case study. Annales Geophysicae, 2008, 26, 2485-2502. | 1.6 | 1 |
| 122 | Magnetosphereâ€“Exosphereâ€“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. | 1.7 | 16 |
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| 128 | Observation of two distinct cold, dense ion populations at geosynchronous orbit: local time asymmetry, solar wind dependence and origin. Annales Geophysicae, 2006, 24, 3451-3465. | 1.6 | 18 |
| 129 | ON THE DYNAMICS OF CHARGED PARTICLES IN THE MAGNETOSPHERE OF MERCURY. , 2006, , 17-28. | | 8 |
| 130 | ERG â€“ A small-satellite mission to investigate the dynamics of the inner magnetosphere. Advances in Space Research, 2006, 38, 1861-1869. | 2.6 | 17 |
| 131 | AlfvÃ©n waves in the near-PSBL lobe: Cluster observations. Annales Geophysicae, 2006, 24, 1001-1013. | 1.6 | 13 |
| 132 | Terrestrial nitrogen and noble gases in lunar soils. Nature, 2005, 436, 655-659. | 27.8 | 99 |
| 133 | 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. | 2.6 | 11 |
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| 136 | Comparative study of outer-zone relativistic electrons observed by Akebono and CRRES. Journal of Geophysical Research, 2005, 110, . | 3.3 | 15 |
| 137 | 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 |
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| 146 | Reconnection event at the dayside magnetopause on January 10, 1997. Geophysical Research Letters, 1998, 25, 2529-2532. | 4.0 | 5 |
| 147 | Quantification of tailward cold O+beams in the lobe/mantle regions with Geotail data: Constraints on polar O+outflows. Journal of Geophysical Research, 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. Astrophysics and Space Science Library, 1998, , 417-420. | 2.7 | 0 |
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| 151 | Coexistence of Earth-origin O+and solar wind-origin H+/He++in the distant magnetotail. Geophysical Research Letters, 1996, 23, 985-988. | 4.0 | 60 |
| 152 | The Energization and Radiation in Geospace (ERG) Project. Geophysical Monograph Series, 0, , 103-116. | 0.1 | 33 |
| 153 | Cold Dense Ion Flows in the Distant Magnetotail: The Geotail Results. Geophysical Monograph Series, 0, , 45-60. | 0.1 | 5 |