Fuminori Tsuchiya

List of Publications by Year
in descending order

172	2,714	201575 27	276775 41
papers	citations	h-index	g-index

184	184	184	1854
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, .	0.8	6
2	Offâ€Equatorial Pi2 Pulsations Inside and Outside the Plasmapause Observed by the Arase Satellite. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	1
3	Relation of the Plasmapause to the Midlatitude Ionospheric Trough, the Subâ€Auroral Temperature Enhancement and the Distribution of Smallâ€Scale Field Aligned Currents as Observed in the Magnetosphere by THEMIS, RBSP, and Arase, and in the Topside Ionosphere by Swarm. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	12
4	Simultaneous Observations of EMICâ€Induced Drifting Electron Holes (EDEHs) in the Earth's Radiation Belt by the Arase Satellite, Van Allen Probes, and THEMIS. Geophysical Research Letters, 2022, 49, .	1.5	3
5	Effect of Meteoric Ions on Ionospheric Conductance at Jupiter. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	6
6	Statistical Study of Approaching Strong Diffusion of Lowâ€Energy Electrons by Chorus and ECH Waves Based on In Situ Observations. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
7	Search for shallow subsurface structures in Chryse and Acidalia Planitiae on Mars. Icarus, 2022, 380, 114991.	1.1	0
8	Collaborative Research Activities of the Arase and Van Allen Probes. Space Science Reviews, 2022, 218, .	3.7	10
9	Asymmetric Distributions of Auroral Kilometric Radiation in Earth's Northern and Southern Hemispheres Observed by the Arase Satellite. Geophysical Research Letters, 2022, 49, .	1.5	4
10	ALMA Observation of SO₂ Gas Originating from Ioâ€™s Volcanic Plume and Lava Areas. Astrophysical Journal Letters, 2021, 907, L6.	3.0	0
11	Variation of Jupiter's Aurora Observed by Hisaki/EXCEED: 4. Quasiâ€Periodic Variation. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028575.	0.8	3
12	Multievent Study of Characteristics and Propagation of Naturally Occurring ELF/VLF Waves Using Highâ€Latitude Ground Observations and Conjunctions With the Arase Satellite. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028682.	0.8	3
13	Statistical properties of auroral kilometer radiation: based on ERG (ARASE) satellite data. SolneÄ•no-zemnaÃ¢ Fizika, 2021, 7, 11-16.	0.2	4
14	Overâ€Darkening of Pulsating Aurora. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028838.	0.8	2
15	Investigation of Smallâ€Scale Electron Density Irregularities Observed by the Arase and Van Allen Probes Satellites Inside and Outside the Plasmasphere. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA027917.	0.8	10
16	Multiâ€Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Nonâ€Stormâ€Time Substorms. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029081.	0.8	7
17	Statistical properties of auroral kilometer radiation: based on ERG (ARASE) satellite data. SolneÄ•no-zemnaÃ¢ Fizika, 2021, 7, 13-20.	0.1	1
18	A Concise Empirical Formula for the Fieldâ€Aligned Distribution of Auroral Kilometeric Radiation Based on Arase Satellite and Van Allen Probes. Geophysical Research Letters, 2021, 48, e2021GL092805.	1.5	6

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19	Relationship Between the Locations of the Midlatitude Trough and Plasmapause Using GNSSâ€TEC and Arase Satellite Observation Data. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028943.	0.8	12
20	Enhanced x-ray emission coinciding with giant radio pulses from the Crab Pulsar. Science, 2021, 372, 187-190.	6.0	13
21	Direct Antenna Impedance Measurement for Quantitative AC Electric Field Measurement by Arase. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029111.	0.8	4
22	Evening Side EMIC Waves and Related Proton Precipitation Induced by a Substorm. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029091.	0.8	13
23	The Characteristics of EMIC Waves in the Magnetosphere Based on the Van Allen Probes and Arase Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029001.	0.8	35
24	Arase Observation of Simultaneous Electron Scatterings by Upperâ€Band and Lowerâ€Band Chorus Emissions. Geophysical Research Letters, 2021, 48, e2021GL093708.	1.5	2
25	Penetration of MeV electrons into the mesosphere accompanying pulsating aurorae. Scientific Reports, 2021, 11, 13724.	1.6	37
26	Localization of Sources of Two Types of Continuum Radiation. JETP Letters, 2021, 114, 23-28.	0.4	3
27	Fieldâ€Aligned Electron Density Distribution of the Inner Magnetosphere Inferred From Coordinated Observations of Arase and Van Allen Probes. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029073.	0.8	3
28	Magnetic Field and Energetic Particle Flux Oscillations and Highâ€Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029095.	0.8	2
29	Simultaneous Pulsating Aurora and Microburst Observations With Groundâ€Based Fast Auroral Imagers and CubeSat FIREBIRDâ€II. Geophysical Research Letters, 2021, 48, e2021GL094494.	1.5	14
30	First Simultaneous Observation of a Night Time Mediumâ€Scale Traveling Ionospheric Disturbance From the Ground and a Magnetospheric Satellite. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029086.	0.8	3
31	Longâ€Term Monitoring of Energetic Protons at the Bottom of Earthâ€™s Radiation Belt. Space Weather, 2021, 19, e2020SW002611.	1.3	0
32	Multi-frequency radio observations of the radio-loud magnetar XTE J1810â^'197. Publication of the Astronomical Society of Japan, 2021, 73, 1563-1574.	1.0	6
33	Propagation Mechanism of Medium Wave Broadcasting Waves Observed by the Arase Satellite: Hectometric Line Spectra. Journal of Geophysical Research: Space Physics, 2021, 126, e2021JA029813.	0.8	3
34	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.	0.8	4
35	Multipoint Measurement of Fineâ€Structured EMIC Waves by Arase, Van Allen Probe A and Ground Stations. Geophysical Research Letters, 2021, 48, e2021GL096488.	1.5	7
36	Variation in the D-region ionosphere after the 2015 Nepal earthquake using LF transmitter signals. Journal of Atmospheric Electricity, 2021, 40, 1-9.	0.1	0

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37	Cross-Energy Couplings from Magnetosonic Waves to Electromagnetic Ion Cyclotron Waves through Cold Ion Heating inside the Plasmasphere. Physical Review Letters, 2021, 127, 245101.	2.9	11
38	Conjugate Observations of Dayside and Nightside VLF Chorus and QP Emissions Between Arase (ERG) and Kannuslehto, Finland. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026663.	0.8	18
39	An Ephemeral Red Arc Appeared at 68Â° MLat at a Pseudo Breakup During Geomagnetically Quiet Conditions. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028468.	0.8	5
40	Martian Oxygen and Hydrogen Upper Atmospheres Responding to Solar and Dust Storm Drivers: Hisaki Space Telescope Observations. Journal of Geophysical Research E: Planets, 2020, 125, e2020JE006500.	1.5	6
41	An attempt to detect transient changes in Ioa€™s SO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1100" altimg="si51.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math>and NaCl atmosphere. Icarus, 2020, 350, 113925.	1.1	16
42	Plasma and Field Observations in the Magnetospheric Source Region of a Stable Auroral Red (SAR) Arc by the Arase Satellite on 28 March 2017. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028068.	0.8	8
43	Spatial Extent of Quasiperiodic Emissions Simultaneously Observed by Arase and Van Allen Probes on 29 November 2018. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028126.	0.8	8
44	Detection of UHR Frequencies by a Convolutional Neural Network From Arase/PWE Data. Journal of Geophysical Research: Space Physics, 2020, 125, e2020JA028075.	0.8	3
45	Relativistic Electron Microbursts as Highâ€Energy Tail of Pulsating Aurora Electrons. Geophysical Research Letters, 2020, 47, e2020GL090360.	1.5	66
46	Multiple time-scale beats in aurora: precise orchestration via magnetospheric chorus waves. Scientific Reports, 2020, 10, 3380.	1.6	33
47	Comprehensive Observations of Substormâ€Enhanced Plasmaspheric Hiss Generation, Propagation, and Dissipation. Geophysical Research Letters, 2020, 47, e2019GL086040.	1.5	21
48	Spatially Asymmetric Increase in Hot Electron Fraction in the Io Plasma Torus During Volcanically Active Period Revealed by Observations by Hisaki/EXCEED From November 2014 to May 2015. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027100.	0.8	9
49	Oxygen torus and its coincidence with EMIC wave in the deep inner magnetosphere: Van Allen Probe B and Arase observations. Earth, Planets and Space, 2020, 72, 111.	0.9	17
50	Seasonal variation of northâ€“south asymmetry in the intensity of Saturn Kilometric Radiation from 2004 to 2017. Planetary and Space Science, 2019, 178, 104711.	0.9	3
51	Direct Comparison Between Magnetospheric Plasma Waves and Polar Mesosphere Winter Echoes in Both Hemispheres. Journal of Geophysical Research: Space Physics, 2019, 124, 9626-9639.	0.8	7
52	Visualization of rapid electron precipitation via chorus element waveâ€“particle interactions. Nature Communications, 2019, 10, 257.	5.8	35
53	Response of the Ionosphereâ€Plasmasphere Coupling to the September 2017 Storm: What Erodes the Plasmasphere so Severely?. Space Weather, 2019, 17, 861-876.	1.3	25
54	Azimuthal Variation in the Io Plasma Torus Observed by the Hisaki Satellite From 2013 to 2016. Journal of Geophysical Research: Space Physics, 2019, 124, 3236-3254.	0.8	13

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55	Development of ground pipeline system for high-level scientific data products of the Hisaki satellite mission and its application to planetary space weather. Journal of Space Weather and Space Climate, 2019, 9, A8.	1.1	11
56	Short-term Variation in the Dawnâ€“Dusk Asymmetry of the Jovian Radiation Belt Obtained from GMRT and Hisaki EXCEED Observations. Astrophysical Journal Letters, 2019, 872, L24.	3.0	3
57	Jovian UV Aurora's Response to the Solar Wind: Hisaki EXCEED and Juno Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 10209-10218.	0.8	9
58	Automatic Electron Density Determination by Using a Convolutional Neural Network. IEEE Access, 2019, 7, 163384-163394.	2.6	8
59	Transient Change of Io's Neutral Oxygen Cloud and Plasma Torus Observed by Hisaki. Journal of Geophysical Research: Space Physics, 2019, 124, 10318-10331.	0.8	10
60	Spatiotemporal development of pulsating auroral patch associated with discrete chorus elements: Arase and PWING observations. , 2019, , .		0
61	Response of Jupiter's Aurora to Plasma Mass Loading Rate Monitored by the Hisaki Satellite During Volcanic Eruptions at Io. Journal of Geophysical Research: Space Physics, 2018, 123, 1885-1899.	0.8	27
62	Extreme ultraviolet spectra of Venusian airglow observed by EXCEED. Icarus, 2018, 307, 207-215.	1.1	7
63	Variation of Jupiter's Aurora Observed by Hisaki/EXCEED: 3. Volcanic Control of Jupiter's Aurora. Geophysical Research Letters, 2018, 45, 71-79.	1.5	12
64	Magnetic Search Coil (MSC) of Plasma Wave Experiment (PWE) aboard the Arase (ERG) satellite. Earth, Planets and Space, 2018, 70, .	0.9	31
65	Onboard software of Plasma Wave Experiment aboard Arase: instrument management and signal processing of Waveform Capture/Onboard Frequency Analyzer. Earth, Planets and Space, 2018, 70, .	0.9	64
66	Detection of Propagating Fast Sausage Waves through Detailed Analysis of a Zebra-pattern Fine Structure in a Solar Radio Burst. Astrophysical Journal Letters, 2018, 855, L29.	3.0	20
67	The time variation of atomic oxygen emission around Io during a volcanic event observed with Hisaki/EXCEED. Icarus, 2018, 299, 300-307.	1.1	23
68	Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG Observation. Geophysical Research Letters, 2018, 45, 10,075.	1.5	10
69	High Frequency Analyzer (HFA) of Plasma Wave Experiment (PWE) onboard the Arase spacecraft. Earth, Planets and Space, 2018, 70, .	0.9	93
70	Instantaneous Frequency Analysis on Nonlinear EMIC Emissions: Arase Observation. Geophysical Research Letters, 2018, 45, 13,199.	1.5	13
71	Enhancement of the Jovian Magnetospheric Plasma Circulation Caused by the Change in Plasma Supply From the Satellite Io. Journal of Geophysical Research: Space Physics, 2018, 123, 6514-6532.	0.8	20
72	Electrostatic Electron Cyclotron Harmonic Waves as a Candidate to Cause Pulsating Auroras. Geophysical Research Letters, 2018, 45, 12,661.	1.5	29

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73	The Plasma Wave Experiment (PWE) on board the Arase (ERG) satellite. Earth, Planets and Space, 2018, 70, .	0.9	124
74	Investigating Solar Windâ€Driven Electric Field Influence on Longâ€Term Dynamics of Jovian Synchrotron Radiation. Journal of Geophysical Research: Space Physics, 2018, 123, 9508-9516.	0.8	19
75	Microscopic Observations of Pulsating Aurora Associated With Chorus Element Structures: Coordinated Arase Satelliteâ€PWING Observations. Geophysical Research Letters, 2018, 45, 12,125.	1.5	24
76	Corotation of Bright Features in the Io Plasma Torus. Journal of Geophysical Research: Space Physics, 2018, 123, 9420-9429.	0.8	3
77	Temporal and Spatial Correspondence of Pc1/EMIC Waves and Relativistic Electron Precipitations Observed With Groundâ€Based Multiâ€Instruments on 27 March 2017. Geophysical Research Letters, 2018, 45, 13,182.	1.5	13
78	Hectometric Line Spectra Detected by the Arase (ERG) Satellite. Geophysical Research Letters, 2018, 45, 11,555.	1.5	6
79	Longitudinal Structure of Oxygen Torus in the Inner Magnetosphere: Simultaneous Observations by Arase and Van Allen Probe A. Geophysical Research Letters, 2018, 45, 10,177.	1.5	18
80	The Influence of Io's 2015 Volcanic Activity on Jupiter's Magnetospheric Dynamics. Geophysical Research Letters, 2018, 45, 10,193.	1.5	18
81	Energetic Electron Precipitation Associated With Pulsating Aurora Observed by VLF Radio Propagation During the Recovery Phase of a Substorm on 27 March 2017. Geophysical Research Letters, 2018, 45, 12,651.	1.5	5
82	Numerical Study of High Frequency Modulation of Electron Precipitation by a Whistler Chorus Element Observed by Arase Satellite. , 2018, , .		0
83	Impulsively Excited Nightside Ultralow Frequency Waves Simultaneously Observed on and off the Magnetic Equator. Geophysical Research Letters, 2018, 45, 7918-7926.	1.5	5
84	Hitomi X-ray studies of giant radio pulses from the Crab pulsar. Publication of the Astronomical Society of Japan, 2018, 70, .	1.0	8
85	Spatial Distribution of Io's Neutral Oxygen Cloud Observed by Hisaki. Journal of Geophysical Research: Space Physics, 2018, 123, 3764-3776.	0.8	18
86	Periodic Oscillations in the D Region Ionosphere After the 2011 Tohoku Earthquake Using LF Standard Radio Waves. Journal of Geophysical Research: Space Physics, 2018, 123, 5261-5270.	0.8	6
87	Temporal and Spatial Variations of Storm Time Midlatitude Ionospheric Trough Based on Global GNSSâ€TEC and Arase Satellite Observations. Geophysical Research Letters, 2018, 45, 7362-7370.	1.5	17
88	Identification of Extreme Ultraviolet Emission Lines of the Io Plasma Torus Observed by Hisaki/EXCEED. Journal of Geophysical Research E: Planets, 2018, 123, 1723-1731.	1.5	7
89	Coincident Observations by the Kharkiv IS Radar and Ionosonde, DMSP and Arase (ERG) Satellites, and FLIP Model Simulations: Implications for the NRLMSISEâ€00 Hydrogen Density, Plasmasphere, and Ionosphere. Geophysical Research Letters, 2018, 45, 8062-8071.	1.5	17
90	Matching Algorithms of ELF-LEMPs and Lightning Geo-location Data. IEEJ Transactions on Power and Energy, 2018, 138, 339-345.	0.1	0

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91	Dawn-dusk difference of periodic oxygen EUV dayglow variations at Venus observed by Hisaki. Icarus, 2017, 292, 102-110.	1.1	7
92	The geocoronal responses to the geomagnetic disturbances. Journal of Geophysical Research: Space Physics, 2017, 122, 1269-1276.	0.8	23
93	Transient brightening of Jupiter's aurora observed by the Hisaki satellite and Hubble Space Telescope during approach phase of the Juno spacecraft. Geophysical Research Letters, 2017, 44, 4523-4531.	1.5	30
94	Polarization Characteristics of Zebra Patterns in Type IV Solar Radio Bursts. Astrophysical Journal, 2017, 842, 45.	1.6	8
95	Planetary plasma and atmospheres explored by space missions in Japan: Hisaki, Akatsuki, and beyond. Journal of Physics: Conference Series, 2017, 869, 012094.	0.3	0
96	Radial variation of sulfur and oxygen ions in the Io plasma torus as deduced from remote observations by Hisaki. Journal of Geophysical Research: Space Physics, 2017, 122, 2999-3012.	0.8	23
97	Volcanic activity on Io and its influence on the dynamics of the Jovian magnetosphere observed by EXCEED/Hisaki in 2015. Earth, Planets and Space, 2017, 69, .	0.9	35
98	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, .	0.9	74
99	Wire Probe Antenna (WPT) and Electric Field Detector (EFD) of Plasma Wave Experiment (PWE) aboard the Arase satellite: specifications and initial evaluation results. Earth, Planets and Space, 2017, 69, .	0.9	49
100	Three-year of observations of Jupiterâ€™s aurora and Io plasma torus variabilities by earth orbiting extreme-ultraviolet spectroscope HISAKI. Journal of Physics: Conference Series, 2017, 869, 012069.	0.3	0
101	Very Long Baseline Interferometry Experiment on Giant Radio Pulses of Crab Pulsar toward Fast Radio Burst Detection. Publications of the Astronomical Society of the Pacific, 2016, 128, 084502.	1.0	5
102	WIDE-BAND SPECTRA OF GIANT RADIO PULSES FROM THE CRAB PULSAR. Astrophysical Journal, 2016, 832, 212.	1.6	14
103	Variation of Jupiter's aurora observed by Hisaki/EXCEED: 1. Observed characteristics of the auroral electron energies compared with observations performed using HST/STIS. Journal of Geophysical Research: Space Physics, 2016, 121, 4041-4054.	0.8	14
104	Response of Jupiter's inner magnetosphere to the solar wind derived from extreme ultraviolet monitoring of the Io plasma torus. Geophysical Research Letters, 2016, 43, 12,308.	1.5	37
105	Current status and planning of the Plasma Wave Experiment (PWE) onboard the ERG satellite. , 2016, , .		1
106	Characteristics of solar wind control on Jovian UV auroral activity deciphered by longâ€term Hisaki EXCEED observations: Evidence of preconditioning of the magnetosphere?. Geophysical Research Letters, 2016, 43, 6790-6798.	1.5	32
107	Properties of hot electrons in the Jovian inner magnetosphere deduced from extended observations of the Io Plasma Torus. Geophysical Research Letters, 2016, 43, 11,552.	1.5	13
108	Jupiter's Xâ€ray and EUV auroras monitored by Chandra, XMMâ€Newton, and Hisaki satellite. Journal of Geophysical Research: Space Physics, 2016, 121, 2308-2320.	0.8	34

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109	Weakening of Jupiter's main auroral emission during January 2014. Geophysical Research Letters, 2016, 43, 988-997.	1.5	50
110	Variation of Jupiter's aurora observed by Hisaki/EXCEED: 2. Estimations of auroral parameters and magnetospheric dynamics. Journal of Geophysical Research: Space Physics, 2016, 121, 4055-4071.	0.8	27
111	Relation between Charge Amounts of Lightning Discharges Derived from ELF Waveform Data and Severe Weather. IEEJ Transactions on Fundamentals and Materials, 2016, 136, 252-258.	0.2	2
112	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
113	FREQUENCY DEPENDENCE OF POLARIZATION OF ZEBRA PATTERN IN TYPE-IV SOLAR RADIO BURSTS. Astrophysical Journal Letters, 2015, 808, L45.	3.0	10
114	Local electron heating in the Io plasma torus associated with Io from HISAKI satellite observation. Journal of Geophysical Research: Space Physics, 2015, 120, 10,317.	0.8	25
115	Relation between the shortâ€term variation of the Jovian radiation belt and thermosphere derived from radio and infrared observations. Journal of Geophysical Research: Space Physics, 2015, 120, 6614-6623.	0.8	9
116	Transient internally driven aurora at Jupiter discovered by Hisaki and the Hubble Space Telescope. Geophysical Research Letters, 2015, 42, 1662-1668.	1.5	53
117	Energetic electron precipitation associated with pulsating aurora: EISCAT and Van Allen Probe observations. Journal of Geophysical Research: Space Physics, 2015, 120, 2754-2766.	0.8	133
118	Brightening event seen in observations of Jupiterâ€™s extended sodium nebula. Icarus, 2015, 261, 31-33.	1.1	32
119	Field-of-View Guiding Camera on the HISAKI (SPRINT-A) Satellite. Space Science Reviews, 2014, 184, 259-274.	3.7	46
120	Extreme Ultraviolet Radiation Measurement for Planetary Atmospheres/Magnetospheres from the Earth-Orbiting Spacecraft (Extreme Ultraviolet Spectroscope for Exospheric Dynamics: EXCEED). Space Science Reviews, 2014, 184, 237-258.	3.7	68
121	Groundâ€based ELF/VLF chorus observations at subauroral latitudesâ€”VLFâ€CHAIN Campaign. Journal of Geophysical Research: Space Physics, 2014, 119, 7363-7379.	0.8	16
122	SPECTRAL STRUCTURES AND THEIR GENERATION MECHANISMS FOR SOLAR RADIO TYPE-I BURSTS. Astrophysical Journal, 2014, 789, 4.	1.6	13
123	Evidence for global electron transportation into the jovian inner magnetosphere. Science, 2014, 345, 1581-1584.	6.0	30
124	GENERATION MECHANISM OF THE SLOWLY DRIFTING NARROWBAND STRUCTURE IN THE TYPE IV SOLAR RADIO BURSTS OBSERVED BY AMATERAS. Astrophysical Journal, 2014, 787, 45.	1.6	6
125	Effect of solar UV/EUV heating on the intensity and spatial distribution of Jupiter's synchrotron radiation. Journal of Geophysical Research: Space Physics, 2013, 118, 6106-6115.	0.8	14
126	The extreme ultraviolet spectroscope for planetary science, EXCEED. Planetary and Space Science, 2013, 85, 250-260.	0.9	55

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127	Narrowband frequency-drift structures in solar type IV bursts. Earth, Planets and Space, 2013, 65, 1555-1562.	0.9	4
128	PEAK FLUX DISTRIBUTIONS OF SOLAR RADIO TYPE-I BURSTS FROM HIGHLY RESOLVED SPECTRAL OBSERVATIONS. Astrophysical Journal Letters, 2013, 768, L2.	3.0	15
129	Io's volcanism controls Jupiter's radio emissions. Geophysical Research Letters, 2013, 40, 671-675.	1.5	19
130	SOLAR RADIO TYPE-I NOISE STORM MODULATED BY CORONAL MASS EJECTIONS. Astrophysical Journal, 2012, 744, 167.	1.6	20
131	Reflection height of daytime tweek atmospherics during the solar eclipse of 22 July 2009. Journal of Geophysical Research, 2012, 117, .	3.3	10
132	Polarization and direction of arrival of Jovian quasiperiodic bursts observed by Cassini. Journal of Geophysical Research, 2012, 117, .	3.3	5
133	Fundamental characteristics of fieldâ€aligned auroral acceleration derived from AKR spectra. Journal of Geophysical Research, 2012, 117, .	3.3	8
134	Effect of photoâ€dissociation on the spreading of OH and O clouds in Saturn's inner magnetosphere. Journal of Geophysical Research, 2012, 117, .	3.3	4
135	EXCEED: an extreme ultraviolet spectrometer onboard SPRINT-A. , 2012, , .		3
136	Io torus plasma transport under interchange instability and flow shears. Planetary and Space Science, 2012, 62, 41-47.	0.9	5
137	Feasibility study of EUV spectroscopic observation of the Io plasma torus from the earth-orbiting satellite EXCEED. Planetary and Space Science, 2012, 62, 104-110.	0.9	8
138	IPRT/AMATERAS: A New Metric Spectrum Observation System for Solar Radio Bursts. Solar Physics, 2012, 277, 447-457.	1.0	32
139	Transport and loss of the inner plasma sheet electrons: THEMIS observations. Journal of Geophysical Research, 2011, 116, .	3.3	15
140	Periodicity analysis of Jovian quasi-periodic radio bursts based on Lomb-Scargle periodograms. Journal of Geophysical Research, 2011, 116, .	3.3	7
141	Direct and indirect generation of Jovian quasiperiodic radio bursts by relativistic electron beams in the polar magnetosphere. Journal of Geophysical Research, 2011, 116, .	3.3	2
142	On the simultaneity of substorm onset between two hemispheres. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	10
143	Whistler mode chorus enhancements in association with energetic electron signatures in the Jovian magnetosphere. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	12
144	Short-term changes in Jupiter's synchrotron radiation at 325 MHz: Enhanced radial diffusion in Jupiter's radiation belt driven by solar UV/EUV heating. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	18

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145	Hot electron component in the Io plasma torus confirmed through EUV spectral analysis. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	16
146	An EUV spectrometer on earth-orbiting satellite for planetary science. Proceedings of SPIE, 2011, , .	0.8	0
147	Earth-orbiting extreme ultraviolet spectroscopic imaging mission for planetary space science. , 2010, , .		0
148	EUV spectroscopic imaging observations of the first mission of Japanese small scientific satellites series. Proceedings of SPIE, 2010, , .	0.8	1
149	Occurrence statistics and ray tracing study of Jovian quasiperiodic radio bursts observed from low latitudes. Journal of Geophysical Research, 2010, 115, .	3.3	5
150	Twoâ€step evolution of auroral acceleration at substorm onset. Journal of Geophysical Research, 2010, 115, .	3.3	22
151	Storm-time electron flux precipitation in the inner radiation belt caused by wave-particle interactions. Annales Geophysicae, 2009, 27, 1669-1677.	0.6	2
152	Planetary extreme ultraviolet spectrometer boarded on Japan's small satellite. Proceedings of SPIE, 2009, , .	0.8	0
153	Vertical evolution of auroral acceleration at substorm onset. Annales Geophysicae, 2009, 27, 525-535.	0.6	16
154	Occurrence and source characteristics of the high-latitude components of Jovian broadband kilometric radiation. Planetary and Space Science, 2008, 56, 1155-1168.	0.9	6
155	Radiation characteristics of quasi-periodic radio bursts in the Jovian high-latitude region. Planetary and Space Science, 2008, 56, 1967-1976.	0.9	10
156	AKR breakup and auroral particle acceleration at substorm onset. Journal of Geophysical Research, 2008, 113, .	3.3	18
157	Microâ€“Type III Radio Bursts. Astrophysical Journal, 2007, 657, 567-576.	1.6	17
158	Dual structure of auroral acceleration regions at substorm onsets as derived from auroral kilometric radiation spectra. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	27
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