

Yoshiya Kasahara

List of Publications by Year in descending order

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173
papers

3,955
citations

159525

30
h-index

143943

57
g-index

187
all docs

187
docs citations

187
times ranked

2323
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	An event study on broadband electric field noises and electron distributions in the lunar wake boundary. <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	0
3	Off-Equatorial Pi2 Pulsations Inside and Outside the Plasmapause Observed by the Arase Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
4	Relation of the Plasmapause to the Midlatitude Ionospheric Trough, the Sub-Auroral Temperature Enhancement and the Distribution of Small-Scale Field Aligned Currents as Observed in the Magnetosphere by THEMIS, RBSP, and Arase, and in the Topside Ionosphere by Swarm. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	12
5	Simultaneous Observations of EMIC-Induced Drifting Electron Holes (EDEHs) in the Earth's Radiation Belt by the Arase Satellite, Van Allen Probes, and THEMIS. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
6	Statistical Study of Approaching Strong Diffusion of Low-Energy Electrons by Chorus and ECH Waves Based on <i>In Situ</i> Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	4
7	Statistical Survey of Arase Satellite Data Sets in Conjunction With the Finnish Riometer Network. <i>Journal of Geophysical Research: Space Physics</i> , 2022, 127, .	0.8	1
8	Space-to-space very low frequency radio transmission in the magnetosphere using the DSX and Arase satellites. <i>Earth, Planets and Space</i> , 2022, 74, .	0.9	7
9	Slow Contraction of Flash Aurora Induced by an Isolated Chorus Element Ranging From Lower-Band to Upper-Band Frequencies in the Source Region. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	3
10	Signatures of Auroral Potential Structure Extending Through the Near-Equatorial Inner Magnetosphere. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	1
11	Collaborative Research Activities of the Arase and Van Allen Probes. <i>Space Science Reviews</i> , 2022, 218, .	3.7	10
12	Asymmetric Distributions of Auroral Kilometric Radiation in Earth's Northern and Southern Hemispheres Observed by the Arase Satellite. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	4
13	Active auroral arc powered by accelerated electrons from very high altitudes. <i>Scientific Reports</i> , 2021, 11, 1610.	1.6	6
14	Study of Spatiotemporal Development of Global Distribution of Magnetospheric ELF/VLF Waves Using Ground-Based and Satellite Observations, and RAM-SCB Simulations, for the March and November 2017 Storms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028216.	0.8	3
15	Multievent Study of Characteristics and Propagation of Naturally Occurring ELF/VLF Waves Using High-Latitude Ground Observations and Conjunctions With the Arase Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028682.	0.8	3
16	Overdarkening of Pulsating Aurora. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028838.	0.8	2
17	Investigation of Small-Scale Electron Density Irregularities Observed by the Arase and Van Allen Probes Satellites Inside and Outside the Plasmasphere. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA027917.	0.8	10
18	Multi-Event Analysis of Plasma and Field Variations in Source of Stable Auroral Red (SAR) Arcs in Inner Magnetosphere During Non-Storm-Time Substorms. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029081.	0.8	7

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19	Extremely Collimated Electron Beams in the High Latitude Magnetosphere Observed by Arase. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090522.	1.5	0
20	A Concise Empirical Formula for the Field-Aligned Distribution of Auroral Kilometeric Radiation Based on Arase Satellite and Van Allen Probes. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092805.	1.5	6
21	Relationship Between the Locations of the Midlatitude Trough and Plasmapause Using GNSS-TEC and Arase Satellite Observation Data. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028943.	0.8	12
22	Data-Driven Simulation of Rapid Flux Enhancement of Energetic Electrons With an Upper-Band Whistler Burst. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028979.	0.8	6
23	ISEE_Wave: interactive plasma wave analysis tool. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	2
24	Direct Antenna Impedance Measurement for Quantitative AC Electric Field Measurement by Arase. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029111.	0.8	4
25	Evening Side EMIC Waves and Related Proton Precipitation Induced by a Substorm. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029091.	0.8	13
26	Discovery of proton hill in the phase space during interactions between ions and electromagnetic ion cyclotron waves. <i>Scientific Reports</i> , 2021, 11, 13480.	1.6	10
27	The Characteristics of EMIC Waves in the Magnetosphere Based on the Van Allen Probes and Arase Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029001.	0.8	35
28	Arase Observation of Simultaneous Electron Scatterings by Upper-Band and Lower-Band Chorus Emissions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093708.	1.5	2
29	Spatial Evolution of Wave-Particle Interaction Region Deduced From Flash-Type Auroras and Chorus-Ray Tracing. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029254.	0.8	3
30	Penetration of MeV electrons into the mesosphere accompanying pulsating aurorae. <i>Scientific Reports</i> , 2021, 11, 13724.	1.6	37
31	Localization of Sources of Two Types of Continuum Radiation. <i>JETP Letters</i> , 2021, 114, 23-28.	0.4	3
32	Stochastic Wave Distribution Function Method. <i>Radio Science</i> , 2021, 56, e2021RS007265.	0.8	1
33	Field-Aligned Electron Density Distribution of the Inner Magnetosphere Inferred From Coordinated Observations of Arase and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029073.	0.8	3
34	Inter-Calibrated Measurements of Intense Whistlers by Arase and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029700.	0.8	6
35	Noise Integration Kernel Design for the Wave Distribution Function Method: Robust Direction Finding With Different Sensor Noise Levels. <i>Radio Science</i> , 2021, 56, e2021RS007291.	0.8	3
36	Magnetic Field and Energetic Particle Flux Oscillations and High-Frequency Waves Deep in the Inner Magnetosphere During Substorm Dipolarization: ERG Observations. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029095.	0.8	2

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37	Global Maps of Solar Wind Electron Modification by Electrostatic Waves Above the Lunar Day Side: Kaguya Observations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095260.	1.5	1
38	First Simultaneous Observation of a Night Time Medium-Scale Traveling Ionospheric Disturbance From the Ground and a Magnetospheric Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029086.	0.8	3
39	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
40	Propagation Mechanism of Medium Wave Broadcasting Waves Observed by the Arase Satellite: Hectometric Line Spectra. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029813.	0.8	3
41	Role of Ducting in Relativistic Electron Loss by Whistler-Mode Wave Scattering. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029851.	0.8	17
42	Study of an equatorward detachment of auroral arc from the oval using ground-space observations and the BATS-R-US CIMI model. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA029080.	0.8	4
43	Multipoint Measurement of Fine-Structured EMIC Waves by Arase, Van Allen Probe A and Ground Stations. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096488.	1.5	7
44	Cross-Energy Couplings from Magnetosonic Waves to Electromagnetic Ion Cyclotron Waves through Cold Ion Heating inside the Plasmasphere. <i>Physical Review Letters</i> , 2021, 127, 245101.	2.9	11
45	Conjugate Observations of Dayside and Nightside VLF Chorus and QP Emissions Between Arase (ERG) and Kannuslehto, Finland. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA026663.	0.8	18
46	Measurements of Magnetic Field Fluctuations for Plasma Wave Investigation by the Search Coil Magnetometers (SCM) Onboard Bepicolombo Mio (Mercury Magnetospheric Orbiter). <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	8
47	An Ephemeral Red Arc Appeared at 68° MLat at a Pseudo Breakup During Geomagnetically Quiet Conditions. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028468.	0.8	5
48	Arase Observation of the Source Region of Auroral Arcs and Diffuse Auroras in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027310.	0.8	7
49	Pitch-Angle Scattering of Inner Magnetospheric Electrons Caused by ECH Waves Obtained With the Arase Satellite. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089926.	1.5	7
50	Plasma and Field Observations in the Magnetospheric Source Region of a Stable Auroral Red (SAR) Arc by the Arase Satellite on 28 March 2017. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028068.	0.8	8
51	Spatial Extent of Quasiperiodic Emissions Simultaneously Observed by Arase and Van Allen Probes on 29 November 2018. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028126.	0.8	8
52	Plasma Waves Causing Relativistic Electron Precipitation Events at International Space Station: Lessons From Conjunction Observations With Arase Satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA027875.	0.8	5
53	First Direct Observations of Propagation of Discrete Chorus Elements From the Equatorial Source to Higher Latitudes, Using the Van Allen Probes and Arase Satellites. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028315.	0.8	21
54	Detection of UHR Frequencies by a Convolutional Neural Network From Arase/PWE Data. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2020JA028075.	0.8	3

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55	Plasma Wave Investigation (PWI) Aboard BepiColombo Mio on the Trip to the First Measurement of Electric Fields, Electromagnetic Waves, and Radio Waves Around Mercury. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	20
56	Mission Data Processor Aboard the BepiColombo Mio Spacecraft: Design and Scientific Operation Concept. <i>Space Science Reviews</i> , 2020, 216, 1.	3.7	9
57	Multiple time-scale beats in aurora: precise orchestration via magnetospheric chorus waves. <i>Scientific Reports</i> , 2020, 10, 3380.	1.6	33
58	Comprehensive Observations of Substorm-Enhanced Plasmaspheric Hiss Generation, Propagation, and Dissipation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086040.	1.5	21
59	Oxygen torus and its coincidence with EMIC wave in the deep inner magnetosphere: Van Allen Probe B and Arase observations. <i>Earth, Planets and Space</i> , 2020, 72, 111.	0.9	17
60	EMIC Waves Converted From Equatorial Noise Due to $M/Q = 2$ Ions in the Plasmasphere: Observations From Van Allen Probes and Arase. <i>Geophysical Research Letters</i> , 2019, 46, 5662-5669.	1.5	31
61	Remote Detection of Drift Resonance Between Energetic Electrons and Ultralow Frequency Waves: Multisatellite Coordinated Observation by Arase and Van Allen Probes. <i>Geophysical Research Letters</i> , 2019, 46, 11642-11651.	1.5	16
62	Direct Comparison Between Magnetospheric Plasma Waves and Polar Mesosphere Winter Echoes in Both Hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9626-9639.	0.8	7
63	Automatic Detection of Lightning Whistlers Observed by the Plasma Wave Experiment Onboard the Arase Satellite Using the OpenCV Library. <i>Remote Sensing</i> , 2019, 11, 1785.	1.8	6
64	Transient ionization of the mesosphere during auroral breakup: Arase satellite and ground-based conjugate observations at Syowa Station. <i>Earth, Planets and Space</i> , 2019, 71, .	0.9	9
65	Visualization of rapid electron precipitation via chorus element wave-particle interactions. <i>Nature Communications</i> , 2019, 10, 257.	5.8	35
66	Response of the Ionosphere-Plasmasphere Coupling to the September 2017 Storm: What Erodes the Plasmasphere so Severely?. <i>Space Weather</i> , 2019, 17, 861-876.	1.3	25
67	Development of a miniaturized spectrum-type plasma wave receiver comprising an application-specific integrated circuit analog front end and a field-programmable gate array. <i>Measurement Science and Technology</i> , 2019, 30, 055901.	1.4	1
68	Tracking the Region of High Correlation Between Pulsating Aurora and Chorus: Simultaneous Observations With Arase Satellite and Ground-Based All-Sky Imager in Russia. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 2769-2778.	0.8	5
69	The Space Physics Environment Data Analysis System (SPEDAS). <i>Space Science Reviews</i> , 2019, 215, 9.	3.7	332
70	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
71	Automatic Electron Density Determination by Using a Convolutional Neural Network. <i>IEEE Access</i> , 2019, 7, 163384-163394.	2.6	8
72	A Systematic Study in Characteristics of Lower Band Rising-Tone Chorus Elements. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9003-9016.	0.8	9

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73	Pulsating aurora from electron scattering by chorus waves. <i>Nature</i> , 2018, 554, 337-340.	13.7	149
74	Magnetic Search Coil (MSC) of Plasma Wave Experiment (PWE) aboard the Arase (ERG) satellite. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	31
75	Onboard software of Plasma Wave Experiment aboard Arase: instrument management and signal processing of Waveform Capture/Onboard Frequency Analyzer. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	64
76	Density Depletions Associated With Enhancements of Electron Cyclotron Harmonic Emissions: An ERG Observation. <i>Geophysical Research Letters</i> , 2018, 45, 10,075.	1.5	10
77	High Frequency Analyzer (HFA) of Plasma Wave Experiment (PWE) onboard the Arase spacecraft. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	93
78	Instantaneous Frequency Analysis on Nonlinear EMIC Emissions: Arase Observation. <i>Geophysical Research Letters</i> , 2018, 45, 13,199.	1.5	13
79	Electrostatic Electron Cyclotron Harmonic Waves as a Candidate to Cause Pulsating Auroras. <i>Geophysical Research Letters</i> , 2018, 45, 12,661.	1.5	29
80	Data processing in Software-type Wave-Particle Interaction Analyzer onboard the Arase satellite. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	12
81	Geospace exploration project ERG. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	201
82	The ERG Science Center. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	124
83	The Plasma Wave Experiment (PWE) on board the Arase (ERG) satellite. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	124
84	Microscopic Observations of Pulsating Aurora Associated With Chorus Element Structures: Coordinated Arase Satellite-PWING Observations. <i>Geophysical Research Letters</i> , 2018, 45, 12,125.	1.5	24
85	Temporal and Spatial Correspondence of Pc1/EMIC Waves and Relativistic Electron Precipitations Observed With Ground-Based Multi-Instruments on 27 March 2017. <i>Geophysical Research Letters</i> , 2018, 45, 13,182.	1.5	13
86	Hectometric Line Spectra Detected by the Arase (ERG) Satellite. <i>Geophysical Research Letters</i> , 2018, 45, 11,555.	1.5	6
87	Longitudinal Structure of Oxygen Torus in the Inner Magnetosphere: Simultaneous Observations by Arase and Van Allen Probe A. <i>Geophysical Research Letters</i> , 2018, 45, 10,177.	1.5	18
88	Deformation of Electron Pitch Angle Distributions Caused by Upper Band Chorus Observed by the Arase Satellite. <i>Geophysical Research Letters</i> , 2018, 45, 7996-8004.	1.5	17
89	Energetic Electron Precipitation Associated With Pulsating Aurora Observed by VLF Radio Propagation During the Recovery Phase of a Substorm on 27 March 2017. <i>Geophysical Research Letters</i> , 2018, 45, 12,651.	1.5	5
90	Impulsively Excited Nightside Ultralow Frequency Waves Simultaneously Observed on and off the Magnetic Equator. <i>Geophysical Research Letters</i> , 2018, 45, 7918-7926.	1.5	5

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91	Spatial Distribution of Fine-Structured and Unstructured EMIC Waves Observed by the Arase Satellite. Geophysical Research Letters, 2018, 45, 11,530.	1.5	14
92	Temporal and Spatial Variations of Storm Time Midlatitude Ionospheric Trough Based on Global GNSS-TEC and Arase Satellite Observations. Geophysical Research Letters, 2018, 45, 7362-7370.	1.5	17
93	Software-type Wave-Particle Interaction Analyzer on board the Arase satellite. Earth, Planets and Space, 2018, 70, .	0.9	21
94	Coincident Observations by the Kharkiv IS Radar and Ionosonde, DMSP and Arase (ERG) Satellites, and FLIP Model Simulations: Implications for the NRLMSISE-00 Hydrogen Density, Plasmasphere, and Ionosphere. Geophysical Research Letters, 2018, 45, 8062-8071.	1.5	17
95	Kanazawa-SAT ³ : micro-satellite mission for monitoring x-ray transients coincide with gravitational wave events. , 2018, , .		1
96	Statistical study on propagation characteristics of Omega signals (VLF) in magnetosphere detected by the Akebono satellite. Earth, Planets and Space, 2017, 69, .	0.9	0
97	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
98	Geospace exploration project: Arase (ERG). Journal of Physics: Conference Series, 2017, 869, 012095.	0.3	17
99	Estimation method of ionospheric TEC distribution from single frequency GPS measurements using a slant effect model. , 2016, , .		2
100	Current status and planning of the Plasma Wave Experiment (PWE) onboard the ERG satellite. , 2016, , .		1
101	Calibration method of wave polarization data obtained by KAGUYA/WFC. Radio Science, 2016, 51, 1579-1586.	0.8	0
102	Variation in crossover frequency of EMIC waves in plasmasphere estimated from ion cyclotron whistler waves observed by Van Allen Probe A. Geophysical Research Letters, 2016, 43, 28-34.	1.5	7
103	Automatic Detection of Omega Signals Captured by the Poynting Flux Analyzer (PFX) on Board the Akebono Satellite. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	1
104	A new method for direction finding based on Markov random field model. Radio Science, 2015, 50, 598-613.	0.8	4
105	$M/Q = 2$ ion distribution in the inner magnetosphere estimated from ion cyclotron whistler waves observed by the Akebono satellite. Journal of Geophysical Research: Space Physics, 2015, 120, 2783-2795.	0.8	6
106	High-altitude $M/Q=2$ ion cyclotron whistlers in the inner magnetosphere observed by the Akebono satellite. Geophysical Research Letters, 2014, 41, 3759-3765.	1.5	6
107	Spatial and time distribution of lightning whistlers in the plasmasphere observed by VLF/WBA onboard AKEBONO. , 2014, , .		0
108	Spatial distribution and temporal variations of occurrence frequency of lightning whistlers observed by VLF/WBA onboard Akebono. Radio Science, 2014, 49, 753-764.	0.8	8

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109	Electromagnetic ion cyclotron waves suggesting minor ion existence in the inner magnetosphere observed by the Akebono satellite. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4348-4357.	0.8	14
110	Study on plasma waves and electron density profile around the moon observed by KAGUYA in the solar wind. , 2014, , .		0
111	Latitudinal distribution of auroral kilometric radiation ordinary and extraordinary wave modes observed by KAGUYA. , 2014, , .		0
112	Inner belt and slot region electron lifetimes and energization rates based on AKEBONO statistics of whistler waves. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 2876-2893.	0.8	48
113	Ion cyclotron whistlers related to heavy minor ions observed by the akebono satellite and their distribution in the inner magnetosphere. , 2014, , .		0
114	Development of detection algorithm of bipolar waveforms around the moon using a parallel and distributed workflow "Pwrake". <i>Journal of the Japan Society of Information and Knowledge</i> , 2014, 24, 178-183.	0.0	0
115	Type-II entry of solar wind protons into the lunar wake: Effects of magnetic connection to the night-side surface. <i>Planetary and Space Science</i> , 2013, 87, 106-114.	0.9	23
116	Akebono observations of EMIC waves in the slot region of the radiation belts. <i>Geophysical Research Letters</i> , 2013, 40, 5587-5591.	1.5	40
117	High-speed solar wind with southward interplanetary magnetic field causes relativistic electron flux enhancement of the outer radiation belt via enhanced condition of whistler waves. <i>Geophysical Research Letters</i> , 2013, 40, 4520-4525.	1.5	117
118	Improvement of equatorial density distribution of the global core plasma model using GPS-derived TEC. <i>Radio Science</i> , 2012, 47, .	0.8	0
119	Study of Dispersion of Lightning Whistlers Observed by Akebono Satellite in the Earth's Plasmasphere. <i>IEICE Transactions on Communications</i> , 2012, E95.B, 3472-3479.	0.4	5
120	Software development of EWO-WFC/OFA aboard BepiColombo MMO spacecraft. , 2011, , .		0
121	Plasma waves related to mini-magnetospheres over lunar magnetic anomalies observed by LRS/WFC onboard KAGUYA. , 2011, , .		0
122	Statistical analysis and correlation of antenna impedance of electric filed antennas. , 2011, , .		0
123	Electrostatic solitary waves (ESWs) observed by KAGUYA near the Moon. , 2011, , .		1
124	Lunar ionosphere exploration method using auroral kilometric radiation. <i>Earth, Planets and Space</i> , 2011, 63, 47-56.	0.9	8
125	Vertical plasma extent above the lunar surface derived from interference pattern of auroral kilometric radiation. , 2011, , .		0
126	The Lunar Radar Sounder (LRS) Onboard the KAGUYA (SELENE) Spacecraft. <i>Space Science Reviews</i> , 2010, 154, 145-192.	3.7	50

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127	The Plasma Wave Investigation (PWI) onboard the BepiColombo/MMO: First measurement of electric fields, electromagnetic waves, and radio waves around Mercury. <i>Planetary and Space Science</i> , 2010, 58, 238-278.	0.9	44
128	Simultaneous ground-based and satellite observations of natural VLF waves in Antarctica: A case study of downward ionospheric penetration of whistler-mode waves. <i>Polar Science</i> , 2010, 4, 431-441.	0.5	2
129	Effect of the solar wind proton entry into the deepest lunar wake. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	34
130	Electrostatic solitary waves associated with magnetic anomalies and wake boundary of the Moon observed by KAGUYA. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	41
131	The Lunar Radar Sounder (LRS) Onboard the Kaguya (SELENE) Spacecraft. , 2010, , 145-192.		2
132	Similar Data Retrieval from Enormous Datasets on ELF/VLF Wave Spectrum Observed by Akebono. <i>Data Science Journal</i> , 2010, 8, IGY66-IGY75.	0.6	1
133	Lunar Radar Sounder Observations of Subsurface Layers Under the Nearside Maria of the Moon. <i>Science</i> , 2009, 323, 909-912.	6.0	166
134	Simultaneous satellite observations of VLF chorus, hot and relativistic electrons in a magnetic storm recovery phase. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	38
135	Instrumentation and observation target of the Lunar Radar Sounder (LRS) experiment on-board the SELENE spacecraft. <i>Earth, Planets and Space</i> , 2008, 60, 321-332.	0.9	53
136	Electromagnetic compatibility (EMC) evaluation of the SELENE spacecraft for the lunar radar sounder (LRS) observations. <i>Earth, Planets and Space</i> , 2008, 60, 333-340.	0.9	5
137	Plasma wave observation using waveform capture in the Lunar Radar Sounder on board the SELENE spacecraft. <i>Earth, Planets and Space</i> , 2008, 60, 341-351.	0.9	22
138	Evolution of the outer radiation belt during the November 1993 storms driven by corotating interaction regions. <i>Journal of Geophysical Research</i> , 2007, 112, n/a-n/a.	3.3	59
139	Passive remote sensing of the Earth's plasmasphere using Whistler mode waves. <i>Electronics and Communications in Japan</i> , 2007, 90, 51-61.	0.1	0
140	Corotating solar wind streams and recurrent geomagnetic activity: A review. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	396
141	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
142	PLASMA/RADIO WAVE OBSERVATIONS AT MERCURY BY THE BEPICOLOMBO MMO SPACECRAFT. , 2006, , 71-84.		5
143	Whistler Mode Chorus Observed Around the Plasmopause During Magnetic Storms. <i>COSPAR Colloquia Series</i> , 2005, 16, 228-234.	0.2	4
144	A possible generation mechanism of temporal and spatial structures of flickering aurora. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	34

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145	Rebuilding process of the outer radiation belt during the 3 November 1993 magnetic storm: NOAA and Exos-D observations. <i>Journal of Geophysical Research</i> , 2003, 108, SMP 3-1.	3.3	242
146	Determination of plasmaspheric electron density profile by a stochastic approach. <i>Radio Science</i> , 2003, 38, n/a-n/a.	0.8	7
147	ELF/VLF plasma waves in the low latitude boundary layer. <i>Geophysical Monograph Series</i> , 2003, , 189-203.	0.1	8
148	Study on direction finding method using wave distribution function with Gaussian distribution model. <i>Electronics and Communications in Japan</i> , 2002, 85, 64-73.	0.1	2
149	Computational Analysis of Plasma Waves and Particles in the Auroral Region Observed by Scientific Satellite. <i>Lecture Notes in Computer Science</i> , 2002, , 426-437.	1.0	1
150	A Flexible Modeling of Global Plasma Profile Deduced from Wave Data. <i>Lecture Notes in Computer Science</i> , 2002, , 438-448.	1.0	0
151	ELF/VLF waves correlated with transversely accelerated ions in the auroral region observed by Akebono. <i>Journal of Geophysical Research</i> , 2001, 106, 21123-21136.	3.3	20
152	Type III solar radio bursts in inhomogeneous interplanetary space observed by Geotail. <i>Radio Science</i> , 2001, 36, 1701-1711.	0.8	3
153	Determination of global plasmaspheric electron density profile by tomographic approach using omega signals and ray tracing. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2001, 63, 1157-1170.	0.6	10
154	Performance of point-to-multipoint communication systems over nonstationary satellite-terrestrial links. <i>Electronics and Communications in Japan</i> , 2000, 83, 21-31.	0.1	0
155	Coordinated Akebono and EISCAT observations of suprathermal ion outflows in the nightside inverted-V region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2000, 62, 449-465.	0.6	7
156	Direction Finding of the Waves in Plasma Using Energy Function. <i>Lecture Notes in Computer Science</i> , 2000, , 258-260.	1.0	1
157	Plasma waves observed during cusp energetic particle events and their correlation with Polar and akebono satellite and ground data. <i>Advances in Space Research</i> , 1999, 24, 23-33.	1.2	33
158	Low Frequency plasma wave Analyzer (LFA) onboard the PLANET-B spacecraft. <i>Earth, Planets and Space</i> , 1998, 50, 223-228.	0.9	12
159	Global electron density distribution in the plasmasphere deduced from Akebono wave data and the IRI model. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1997, 59, 1569-1586.	0.6	13
160	Electron density distribution in the plasmasphere in conjunction with IRI model, deduced from Akebono wave data. <i>Advances in Space Research</i> , 1996, 18, 279-288.	1.2	10
161	Development of the Internet-Based Total Health Care Management System Using Electronic Mail. <i>Journal of Epidemiology</i> , 1995, 5, 131-140.	1.1	3
162	Determination of electron density distributions in the plasmasphere by using wave data observed by Akebono satellite. <i>Advances in Space Research</i> , 1995, 15, 103-107.	1.2	2

#	ARTICLE	IF	CITATIONS
163	K-vector determination of whistler mode signals by using amplitude data obtained by a spacecraft borne instrument. IEEE Transactions on Geoscience and Remote Sensing, 1995, 33, 528-534.	2.7	6
164	Propagation Characteristics of Auroral Hiss Observed by Akebono Satellite.. Journal of Geomagnetism and Geoelectricity, 1995, 47, 509-525.	0.8	12
165	Collaborative experiments by Akebono satellite, TromsÃ, ionospheric heater, and European incoherent scatter radar. Radio Science, 1994, 29, 23-37.	0.8	26
166	On the sources of energization of molecular ions at ionospheric altitudes. Journal of Geophysical Research, 1994, 99, 23257.	3.3	32
167	Propagation characteristics of the ELF emissions observed by the satellite Akebono in the magnetic equatorial region. Radio Science, 1994, 29, 751-767.	0.8	96
168	Ion cyclotron emissions observed by the satellite Akebono in the vicinity of the magnetic equator. Radio Science, 1992, 27, 347-362.	0.8	45
169	Triaxial search coil measurements of ELF waves in the plasmasphere: Initial results from EXOSâ€D. Geophysical Research Letters, 1991, 18, 301-304.	1.5	12
170	Propagation characteristics of Omega signals and their triggered emissions observed by EXOSâ€D satellite. Geophysical Research Letters, 1991, 18, 321-324.	1.5	1
171	ELF emissions observed by the EXOSâ€D satellite around the geomagnetic equatorial region. Geophysical Research Letters, 1991, 18, 317-320.	1.5	10
172	Development of a network model for the total health care management on multi-vendor environment. , 0, , .		1
173	The Energization and Radiation in Geospace (ERG) Project. Geophysical Monograph Series, 0, , 103-116.	0.1	33