

# Kazuo Shiokawa

## List of Publications by Citations

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261  
papers

7,578  
citations

45  
h-index

78  
g-index

273  
ext. papers

8,643  
ext. citations

3.2  
avg, IF

5.74  
L-index

#	Paper	IF	Citations
261	The GEOTAIL Magnetic Field Experiment.. <i>Journal of Geomagnetism and Geoelectricity</i> , <b>1994</b> , 46, 7-21		567
260	Braking of high-speed flows in the near-Earth tail. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 1179-1182	4.9	365
259	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> , <b>2003</b> , 108, SMP 3-1		226
258	High-speed ion flow, substorm current wedge, and multiple Pi 2 pulsations. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 4491-4507		226
257	Precipitation of radiation belt electrons by EMIC waves, observed from ground and space. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	204
256	Statistical study of nighttime medium-scale traveling ionospheric disturbances using midlatitude airglow images. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		181
255	Geomagnetic conjugate observations of medium-scale traveling ionospheric disturbances at midlatitude using all-sky airglow imagers. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4.9	173
254	A physical mechanism of positive ionospheric storms at low latitudes and midlatitudes. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		141
253	Development of Optical Mesosphere Thermosphere Imagers (OMTI). <i>Earth, Planets and Space</i> , <b>1999</b> , 51, 887-896	2.9	137
252	Ring current ions and radiation belt electrons during geomagnetic storms driven by coronal mass ejections and corotating interaction regions. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	136
251	Geospace exploration project ERG. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	135
250	Ground and satellite observations of nighttime medium-scale traveling ionospheric disturbance at midlatitude. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		127
249	GPS observations of medium-scale traveling ionospheric disturbances over Europe. <i>Annales Geophysicae</i> , <b>2013</b> , 31, 163-172	2	115
248	Van Allen probes, NOAA, GOES, and ground observations of an intense EMIC wave event extending over 12 h in magnetic local time. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 5465-5488	2.6	105
247	Propagation characteristics of nighttime mesospheric and thermospheric waves observed by optical mesosphere thermosphere imagers at middle and low latitudes. <i>Earth, Planets and Space</i> , <b>2009</b> , 61, 479-491	2.9	102
246	Global characteristics of electromagnetic ion cyclotron waves: Occurrence rate and its storm dependence. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 4135-4150	2.6	99
245	Traveling ionospheric disturbances detected in the FRONT Campaign. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 689-692	4.9	98

244	Flux enhancement of radiation belt electrons during geomagnetic storms driven by coronal mass ejections and corotating interaction regions. <i>Space Weather</i> , <b>2006</b> , 4, n/a-n/a	3.7	95
243	Flux enhancement of the outer radiation belt electrons after the arrival of stream interaction regions. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		93
242	Geomagnetic conjugate observations of equatorial airglow depletions. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 43-1-43-4	4.9	93
241	The Plasma Wave Experiment (PWE) on board the Arase (ERG) satellite. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	92
240	The ARASE (ERG) magnetic field investigation. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	88
239	GPS detection of total electron content variations over Indonesia and Thailand following the 26 December 2004 earthquake. <i>Earth, Planets and Space</i> , <b>2006</b> , 58, 159-165	2.9	86
238	The ERG Science Center. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	84
237	Super plasma fountain and equatorial ionization anomaly during penetration electric field. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		81
236	Simultaneous THEMIS in situ and auroral observations of a small substorm. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	78
235	Geomagnetic conjugate observation of nighttime medium-scale and large-scale traveling ionospheric disturbances: FRONT3 campaign. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		78
234	Time of flight analysis of pulsating aurora electrons, considering wave-particle interactions with propagating whistler mode waves. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		77
233	Simultaneous appearance of isolated auroral arcs and Pc 1 geomagnetic pulsations at subauroral latitudes. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		77
232	Simultaneous observations of nighttime medium-scale traveling ionospheric disturbances and E region field-aligned irregularities at midlatitude. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		77
231	Duskside enhancement of equatorial zonal electric field response to convection electric fields during the St. Patrick's Day storm on 17 March 2015. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 538-548	2.6	74
230	High Frequency Analyzer (HFA) of Plasma Wave Experiment (PWE) onboard the Arase spacecraft. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	66
229	Integrating-sphere calibration of all-sky cameras for nightglow measurements. <i>Advances in Space Research</i> , <b>2000</b> , 26, 1025-1028	2.4	60
228	Statistical study of short-period gravity waves in OH and OI nightglow images at two separated sites. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,		54
227	Day-night coupling by a localized flow channel visualized by polar cap patch propagation. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 3701-3709	4.9	53

226	Equatorial Ionospheric Scintillations and Zonal Irregularity Drifts Observed with Closely-Spaced GPS Receivers in Indonesia. <i>Journal of the Meteorological Society of Japan</i> , <b>2006</b> , 84A, 343-351	2.8	53
225	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> , <b>2017</b> , 69,	2.9	51
224	Traveling ionospheric disturbances observed in the OI 630-nm nightglow images over Japan by using a Multipoint Imager Network during the FRONT Campaign. <i>Geophysical Research Letters</i> , <b>2000</b> , 27, 4037-4040	4.9	51
223	Spatial relationship of nighttime medium-scale traveling ionospheric disturbances and F region field-aligned irregularities observed with two spaced all-sky airglow imagers and the middle and upper atmosphere radar. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		50
222	Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112, n/a-n/a		50
221	Estimating drift velocity of polar cap patches with all-sky airglow imager at Resolute Bay, Canada. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	50
220	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> , <b>2018</b> , 70,	2.9	49
219	Airglow observations of nighttime medium-scale traveling ionospheric disturbances from Yonaguni: Statistical characteristics and low-latitude limit. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 9268-9282	2.6	48
218	Mesospheric ozone destruction by high-energy electron precipitation associated with pulsating aurora. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 11,852-11,861	4.4	48
217	Statistical characteristics of gravity waves observed by an all-sky imager at Darwin, Australia. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		45
216	Development of low-cost sky-scanning Fabry-Perot interferometers for airglow and auroral studies. <i>Earth, Planets and Space</i> , <b>2012</b> , 64, 1033-1046	2.9	44
215	Motion of polar cap patches: A statistical study with all-sky airglow imager at Resolute Bay, Canada. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		43
214	Quasiperiodic southward moving waves in 630-nm airglow images in the equatorial thermosphere. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		43
213	Wire Probe Antenna (WPT) and Electric Field Detector (EFD) of Plasma Wave Experiment (PWE) aboard the Arase satellite: specifications and initial evaluation results. <i>Earth, Planets and Space</i> , <b>2017</b> , 69,	2.9	42
212	Relationship between polar cap patches and field-aligned irregularities as observed with an all-sky airglow imager at Resolute Bay and the PolarDARN radar at Rankin Inlet. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		42
211	Observation of equatorial nighttime medium-scale traveling ionospheric disturbances in 630-nm airglow images over 7 years. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		40
210	The source region and its characteristic of pulsating aurora based on the Reimei observations. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		37
209	Ionospheric TEC Weather Map Over South America. <i>Space Weather</i> , <b>2016</b> , 14, 937-949	3.7	37

208	The geospace response to variable inputs from the lower atmosphere: a review of the progress made by Task Group 4 of CAWSES-II. <i>Progress in Earth and Planetary Science</i> , <b>2015</b> , 2,	3.9	36
207	Spatial relationship of equatorial plasma bubbles and field-aligned irregularities observed with an all-sky airglow imager and the Equatorial Atmosphere Radar. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4.9	36
206	Substorm onset and expansion phase intensification precursors seen in polar cap patches and arcs. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 2034-2042	2.6	34
205	Dynamic temporal evolution of polar cap tongue of ionization during magnetic storm. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		34
204	Diffuse and Pulsating Aurora. <i>Space Science Reviews</i> , <b>2020</b> , 216, 1	7.5	33
203	Giant ionospheric disturbances observed with the SuperDARN Hokkaido HF radar and GPS network after the 2011 Tohoku earthquake. <i>Earth, Planets and Space</i> , <b>2012</b> , 64, 1295-1307	2.9	33
202	Geomagnetic conjugate observations of large-scale traveling ionospheric disturbances using GPS networks in Japan and Australia. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		33
201	On post-midnight field-aligned irregularities observed with a 30.8-MHz radar at a low latitude: Comparison with F-layer altitude near the geomagnetic equator. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		32
200	Statistical characteristics of polar cap mesospheric gravity waves observed by an all-sky airglow imager at Resolute Bay, Canada. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		32
199	A two-channel Fabry-Perot interferometer with thermoelectric-cooled CCD detectors for neutral wind measurement in the upper atmosphere. <i>Earth, Planets and Space</i> , <b>2003</b> , 55, 271-275	2.9	32
198	Magnetic field fluctuations during substorm-associated dipolarizations in the nightside plasma sheet around X = 10 RE. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		31
197	Magnetic field structures of the magnetotail as observed by GEOTAIL. <i>Geophysical Research Letters</i> , <b>1994</b> , 21, 2875-2878	4.9	30
196	EMIC waves observed at geosynchronous orbit under quiet geomagnetic conditions (KpIII). <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 1377-1390	2.6	29
195	CME front and severe space weather. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 10,041	2.6	28
194	Plasma bubble monitoring by TEC map and 630nm airglow image. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2015</b> , 130-131, 151-158	2	27
193	Evidence of gravity wave ducting in the mesopause region from airglow network observations. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 601-605	4.9	27
192	The STEL induction magnetometer network for observation of high-frequency geomagnetic pulsations. <i>Earth, Planets and Space</i> , <b>2010</b> , 62, 517-524	2.9	27
191	Height measurements of nightglow structures observed by all-sky imagers. <i>Advances in Space Research</i> , <b>1999</b> , 24, 593-596	2.4	27

190	Localized polar cap flow enhancement tracing using airglow patches: Statistical properties, IMF dependence, and contribution to polar cap convection. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 4064-4078	2.6	26
189	Motion of polar cap arcs. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		25
188	ELF/VLF wave propagation at subauroral latitudes: Conjugate observation between the ground and Van Allen Probes A. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 5384-5393	2.6	25
187	Large-scale traveling ionospheric disturbances observed by GPS dTEC maps over North and South America on Saint Patrick's Day storm in 2015. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 4755-4763	2.6	24
186	On the Role of Thermospheric Winds and Sporadic E Layers in the Formation and Evolution of Electrified MSTIDs in Geomagnetic Conjugate Regions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 6957-6980	2.6	24
185	Gravity wave momentum flux in the upper mesosphere derived from OH airglow imaging measurements. <i>Earth, Planets and Space</i> , <b>2007</b> , 59, 421-428	2.9	24
184	Airglow-imaging observation of plasma bubble disappearance at geomagnetically conjugate points. <i>Earth, Planets and Space</i> , <b>2015</b> , 67,	2.9	23
183	Pulsating aurora beyond the ultra-low-frequency range. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		23
182	Visualization of rapid electron precipitation via chorus element wave-particle interactions. <i>Nature Communications</i> , <b>2019</b> , 10, 257	17.4	22
181	Equatorial plasma bubble seeding by MSTIDs in the ionosphere. <i>Progress in Earth and Planetary Science</i> , <b>2018</b> , 5,	3.9	22
180	New statistical analysis of the horizontal phase velocity distribution of gravity waves observed by airglow imaging. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 9707-9718	4.4	21
179	Multiscale temporal variations of pulsating auroras: On-off pulsation and a few Hz modulation. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 3514-3527	2.6	21
178	A scheme for forecasting severe space weather. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 2824-2835	2.6	20
177	Geomagnetically conjugate observation of plasma bubbles and thermospheric neutral winds at low latitudes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 2222-2231	2.6	20
176	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> , <b>2019</b> , 46, 5662-5669	4.9	20
175	Rayleigh-Taylor type instability in auroral patches. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		20
174	Reorganization of polar cap patches through shears in the background plasma convection. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115, n/a-n/a		20
173	Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		19

172	Longitudinal development of a substorm brightening arc. <i>Annales Geophysicae</i> , <b>2009</b> , 27, 1935-1940	2	19
171	Pulsating proton aurora caused by rising tone Pc1 waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 1608-1618	2.6	18
170	Auroral fragmentation into patches. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 8249-8261	1.6	18
169	Observation of nighttime medium-scale travelling ionospheric disturbances by two 630-nm airglow imagers near the auroral zone. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2013</b> , 103, 184-194	2	18
168	On the formation and origin of substorm growth phase/onset auroral arcs inferred from conjugate space-ground observations. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 8707-8722	2.6	18
167	Frequency-dependent polarization characteristics of Pc1 geomagnetic pulsations observed by multipoint ground stations at low latitudes. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		18
166	A numerical electromagnetic linear dispersion relation for Maxwellian ring-beam velocity distributions. <i>Physics of Plasmas</i> , <b>2012</b> , 19, 072107	2.1	18
165	Ionospheric Disturbances Over Indonesia and Their Possible Association With Atmospheric Gravity Waves From the Troposphere. <i>Journal of the Meteorological Society of Japan</i> , <b>2006</b> , 84A, 327-342	2.8	18
164	Coordinated observations of postmidnight irregularities and thermospheric neutral winds and temperatures at low latitudes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 7504-7518	2.6	17
163	GPS total electron content variations associated with a polar cap arc. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114, n/a-n/a		17
162	Northeastward motion of nighttime medium-scale traveling ionospheric disturbances at middle latitudes observed by an airglow imager. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113, n/a-n/a		17
161	Development of an automatic procedure to estimate the reflection height of tweek atmospherics. <i>Earth, Planets and Space</i> , <b>2008</b> , 60, 837-843	2.9	17
160	Characteristics of Low-Latitude Pi 2 Pulsations along the 210.DEG. Magnetic Meridian.. <i>Journal of Geomagnetism and Geoelectricity</i> , <b>1996</b> , 48, 1421-1430		17
159	Electrostatic Electron Cyclotron Harmonic Waves as a Candidate to Cause Pulsating Auroras. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 12,661	4.9	17
158	Medium-Scale Traveling Ionospheric Disturbances Observed by Detrended Total Electron Content Maps Over Brazil. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 2215	2.6	16
157	Multi-instrument Observation of Nonlinear EMIC-Driven Electron Precipitation at sub-MeV Energies. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 7248-7257	4.9	16
156	Visualization of ion cyclotron wave and particle interactions in the inner magnetosphere via THEMIS-ASI observations. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		16
155	Stereoscopic determination of all-sky altitude map of aurora using two ground-based Nikon DSLR cameras. <i>Annales Geophysicae</i> , <b>2013</b> , 31, 1543-1548	2	16

154	Longitudinal frequency variation of long-lasting EMIC Pc1-Pc2 waves localized in the inner magnetosphere. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 1039-1046	4.9	15
153	Sixteen year variation of horizontal phase velocity and propagation direction of mesospheric and thermospheric waves in airglow images at Shigaraki, Japan. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 8770-8780	2.6	15
152	GPS total electron content variations associated with poleward moving Sun-aligned arcs. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		15
151	Long-term variations in tweek reflection height in the D and lower E regions of the ionosphere. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		15
150	Global Characteristics of Field-Aligned Acceleration Processes Associated with Auroral Arcs.. <i>Journal of Geomagnetism and Geoelectricity</i> , <b>1991</b> , 43, 691-719		15
149	Altitude development of postmidnight F region field-aligned irregularities observed using Equatorial Atmosphere Radar in Indonesia. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 1015-1022	4.9	15
148	Microscopic Observations of Pulsating Aurora Associated With Chorus Element Structures: Coordinated Arase Satellite-PWING Observations. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 12,125-12,134	4.9	15
147	Multiple time-scale beats in aurora: precise orchestration via magnetospheric chorus waves. <i>Scientific Reports</i> , <b>2020</b> , 10, 3380	4.9	14
146	The Optical Mesosphere Thermosphere Imagers (OMTIs) for network measurements of aurora and airglow <b>2009</b> ,		14
145	Global characteristics of particle precipitation and field-aligned electron acceleration during isolated substorms. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 1359-1375		14
144	Spectral characteristics of steady quiet-time EMIC waves observed at geosynchronous orbit. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 8640-8660	2.6	13
143	Localized field-aligned currents in the polar cap associated with airglow patches. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 10,172-10,189	2.6	13
142	GPS amplitude and phase scintillation associated with polar cap auroral forms. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2017</b> , 164, 185-191	2	13
141	Polar cap precursor of nightside auroral oval intensifications using polar cap arcs. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 10,698-10,711	2.6	13
140	Ground and satellite observations of low-latitude red auroras at the initial phase of magnetic storms. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 256-270	2.6	13
139	Observed correlation between pulsating aurora and chorus waves at Syowa Station in Antarctica: A case study. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		13
138	Auroral particles associated with a substorm brightening arc. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	13
137	Quasi-periodic poleward motions of Sun-aligned auroral arcs in the high-latitude morning sector: A case study. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 19789-19800		13



136	Rapid Loss of Relativistic Electrons by EMIC Waves in the Outer Radiation Belt Observed by Arase, Van Allen Probes, and the PWING Ground Stations. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 12,720	4.9	13
135	Contribution of storm time substorms to the prompt electric field disturbances in the equatorial ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 5568-5578	2.6	12
134	Compound auroral micromorphology: ground-based high-speed imaging. <i>Earth, Planets and Space</i> , <b>2015</b> , 67, 23	2.9	12
133	Discovery of 1MHz Range Modulation of Isolated Proton Aurora at Subauroral Latitudes. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 1209-1217	4.9	12
132	Auroral Signatures of the Dynamic Plasma Sheet. <i>Geophysical Monograph Series</i> , <b>2013</b> , 317-336	1.1	12
131	Quasi-periodic poleward motions of morningside Sun-aligned arcs: A multievent study. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 24325-24332		12
130	Investigation of Nighttime MSTIDS Observed by Optical Thermosphere Imagers at Low Latitudes: Morphology, Propagation Direction, and Wind Filtering. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 7843-7857	2.6	12
129	Propagation and linear mode conversion of magnetosonic and electromagnetic ion cyclotron waves in the radiation belts. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 10,034-10,039	4.9	11
128	Ion hole formation and nonlinear generation of electromagnetic ion cyclotron waves: THEMIS observations. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 8730-8738	4.9	11
127	Statistical study of ELF/VLF emissions at subauroral latitudes in Athabasca, Canada. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 8455-8469	2.6	11
126	Spatiotemporally resolved electrodynamic properties of a Sun-aligned arc over Resolute Bay. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 9977-9987	2.6	11
125	Ground-based ELF/VLF chorus observations at subauroral latitudes VLF-CHAIN Campaign. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 7363-7379	2.6	11
124	Motion of high-latitude nighttime medium-scale traveling ionospheric disturbances associated with auroral brightening. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		11
123	Electron and wave characteristics observed by the THEMIS satellites near the magnetic equator during a pulsating aurora. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		11
122	Spatial-temporal characteristics of flickering aurora as seen by high-speed EMCCD imaging observations. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		11
121	Fine scale structures of pulsating auroras in the early recovery phase of substorm using ground-based EMCCD camera. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		11
120	Development of low-cost multi-wavelength imager system for studies of aurora and airglow. <i>Polar Science</i> , <b>2020</b> , 23, 100501	2.3	11
119	Fast modulations of pulsating proton aurora related to subpacket structures of Pc1 geomagnetic pulsations at subauroral latitudes. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 7859-7866	4.9	11

118	Statistical Analysis of SAR Arc Detachment From the Main Oval Based on 11-Year, All-Sky Imaging Observation at Athabasca, Canada. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 11,539-11,546	4.9	11
117	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> , <b>2018</b> , 45, 13,182	4.9	11
116	Theory, modeling, and integrated studies in the Arase (ERG) project. <i>Earth, Planets and Space</i> , <b>2018</b> , 70,	2.9	10
115	A direct link between chorus emissions and pulsating aurora on timescales from milliseconds to minutes: A case study at subauroral latitudes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 9617-9631	2.6	10
114	Bi-directional electrons in the near-Earth plasma sheet. <i>Annales Geophysicae</i> , <b>2003</b> , 21, 1497-1507	2	10
113	Lower thermospheric wind variations in auroral patches during the substorm recovery phase. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 3564-3577	2.6	10
112	Large-Scale Ducting of Pc1 Pulsations Observed by Swarm Satellites and Multiple Ground Networks. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 12,703	4.9	10
111	Daytime tweek atmospheric. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 654-665	2.6	9
110	Medium-Scale Traveling Ionospheric Disturbances and Plasma Bubbles Observed by an All-Sky Airglow Imager at Yonaguni, Japan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , <b>2009</b> , 20, 287	1.8	9
109	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> , <b>2020</b> , 125, e2019JA026663	2.6	9
108	Statistical Analysis of the Phase Velocity Distribution of Mesospheric and Ionospheric Waves Observed in Airglow Images Over a 16-Year Period: Comparison Between Rikubetsu and Shigaraki, Japan. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 6930-6947	2.6	9
107	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> , <b>2020</b> , 125, e2020JA028315	2.6	8
106	Substructures with luminosity modulation and horizontal oscillation in pulsating patch: Principal component analysis application to pulsating aurora. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 2360-2373	2.6	8
105	Relativistic electron precipitations in association with diffuse aurora: Conjugate observation of SAMPEX and the all-sky TV camera at Syowa Station. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 4702-4708	4.9	8
104	Statistical study of auroral fragmentation into patches. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 6207-6217	2.6	8
103	Reflection height of daytime tweek atmospheric during the solar eclipse of 22 July 2009. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		8
102	Possible generation mechanisms for Pc1 pearl structures in the ionosphere based on 6 years of ground observations in Canada, Russia, and Japan. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 4409-4424	2.6	8
101	Localized polar cap precipitation in association with nonstorm time airglow patches. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 609-617	4.9	7

100	Polarization analysis of VLF/ELF waves observed at subauroral latitudes during the VLF-CHAIN campaign. <i>Earth, Planets and Space</i> , <b>2015</b> , 67, 21	2.9	7
99	An evidence for prompt electric field disturbance driven by changes in the solar wind density under northward IMF Bz condition. <i>Journal of Geophysical Research: Space Physics</i> , <b>2016</b> , 121, 4800-4810	2.6	7
98	First Study on the Occurrence Frequency of Equatorial Plasma Bubbles over West Africa Using an All-Sky Airglow Imager and GNSS Receivers. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 12,430-12,444	2.6	7
97	Isolated Proton Auroras and Pc1/EMIC Waves at Subauroral Latitudes. <i>Geophysical Monograph Series</i> , <b>2015</b> , 59-70	1.1	7
96	Equatorial GPS ionospheric scintillations over Kototabang, Indonesia and their relation to atmospheric waves from below. <i>Earth, Planets and Space</i> , <b>2009</b> , 61, 397-410	2.9	7
95	A review of the SCOSTEP 5-year scientific program VarSITI Variability of the Sun and Its Terrestrial Impact. <i>Progress in Earth and Planetary Science</i> , <b>2021</b> , 8,	3.9	7
94	First evidence of patchy flickering aurora modulated by multi-ion electromagnetic ion cyclotron waves. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 3963-3970	4.9	6
93	Transient ionization of the mesosphere during auroral breakup: Arase satellite and ground-based conjugate observations at Syowa Station. <i>Earth, Planets and Space</i> , <b>2019</b> , 71,	2.9	6
92	Wavenumber Spectra of Atmospheric Gravity Waves and Medium-Scale Traveling Ionospheric Disturbances Based on More Than 10-Year Airglow Images in Japan, Russia, and Canada. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA026807	2.6	6
91	A statistical study of plasma sheet electrons carrying auroral upward field-aligned currents measured by Time History of Events and Macroscale Interactions during Substorms (THEMIS). <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		6
90	Thermospheric wind variations observed by a Fabry-Perot interferometer at Tromsø Norway, at substorm onsets. <i>Earth, Planets and Space</i> , <b>2019</b> , 71,	2.9	6
89	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> , <b>2020</b> , 72, 111	2.9	6
88	Three-Dimensional Fourier Analysis of the Phase Velocity Distributions of Mesospheric and Ionospheric Waves Based on Airglow Images Collected Over 10 Years: Comparison of Magadan, Russia, and Athabasca, Canada. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 8110-8124	2.6	6
87	Capability of Geomagnetic Storm Parameters to Identify Severe Space Weather. <i>Astrophysical Journal</i> , <b>2019</b> , 887, 51	4.7	6
86	Instantaneous Frequency Analysis on Nonlinear EMIC Emissions: Arase Observation. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 13,199	4.9	6
85	Comprehensive Study of Low-Latitude Pi2 Pulsations Using Observations From Multisatellite Swarm Mission and Global Network of Ground Observatories. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 1966-1991	2.6	5
84	Observations of Low-Latitude Traveling Ionospheric Disturbances by a 630.0-nm Airglow Imager and the CHAMP Satellite Over Indonesia. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 2198-2212	2.6	5
83	Visualization tool for three-dimensional plasma velocity distributions (ISEE_3D) as a plug-in for SPEDAS. <i>Earth, Planets and Space</i> , <b>2017</b> , 69,	2.9	5

82	Quasi-periodic rapid motion of pulsating auroras. <i>Polar Science</i> , <b>2016</b> , 10, 183-191	2.3	5
81	Statistical Study of Auroral/Resonant-Scattering 427.8-nm Emission Observed at Subauroral Latitudes Over 14 Years. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 9293-9301	2.6	5
80	Equinoctial asymmetry in the zonal distribution of scintillation as observed by GPS receivers in Indonesia. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 8947-8958	2.6	5
79	Introduction to special section on pulsating aurora and related magnetospheric phenomena. <i>Journal of Geophysical Research: Space Physics</i> , <b>2015</b> , 120, 5341-5343	2.6	5
78	Arase Observation of the Source Region of Auroral Arcs and Diffuse Auroras in the Inner Magnetosphere. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027310	2.6	5
77	Dynamics of the terrestrial radiation belts: a review of recent results during the VarSITI (Variability of the Sun and Its Terrestrial Impact) era, 2014-2018. <i>Progress in Earth and Planetary Science</i> , <b>2021</b> , 8,	3.9	5
76	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> , <b>2021</b> , 126, e2020JA029001	2.6	5
75	A proposal on the study of solar-terrestrial coupling processes with atmospheric radars and ground-based observation network. <i>Radio Science</i> , <b>2016</b> , 51, 1587-1599	1.4	5
74	Three Different Episodes of Prompt Equatorial Electric Field Perturbations Under Steady Southward IMF Bz During St. Patrick's Day Storm. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 10428-10443	2.6	5
73	Observational evidence of electron pitch angle scattering driven by ECH waves. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 8076-8080	4.9	4
72	Conjugate observation of auroral finger-like structures by ground-based all-sky cameras and THEMIS satellites. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 7291-7306	2.6	4
71	Study of Pc1 pearl structures observed at multi-point ground stations in Russia, Japan, and Canada. <i>Earth, Planets and Space</i> , <b>2014</b> , 66,	2.9	4
70	Deducing Locations and Charge Moment Changes of Lightning Discharges by ELF Network Observations in Japan. <i>IEEJ Transactions on Power and Energy</i> , <b>2013</b> , 133, 994-1000	0.2	4
69	Two-Dimensional Hybrid Particle-in-Cell Simulations of Magnetosonic Waves in the Dipole Magnetic Field: On a Constant L-Shell. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028414	2.6	4
68	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> , <b>2020</b> , 125, e2020JA028068	2.6	4
67	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> , <b>2020</b> , 125, e2020JA028126	2.6	4
66	Modulation of Pc1 Wave Ducting by Equatorial Plasma Bubble. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088054	4.9	4
65	Comparison of gravity wave propagation directions observed by mesospheric airglow imaging at three different latitudes using the M-transform. <i>Annales Geophysicae</i> , <b>2018</b> , 36, 1597-1605	2	4

64	Global Distribution of ULF Waves During Magnetic Storms: Comparison of Arase, Ground Observations, and BATSRUS+CRCM Simulation. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 9390-9397	4.9	4
63	Purple Auroral Rays and Global Pc1 Pulsations Observed at the CIR-Associated Solar Wind Density Enhancement on 21 March 2017. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 10,819	4.9	4
62	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> , <b>2018</b> , 45, 12,651	4.9	4
61	Magnetospheric Source Region of Auroral Finger-like Structures Observed by the RBSP-A Satellite. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 7513-7522	2.6	4
60	Isolated Proton Aurora Driven by EMIC Pc1 Wave: PWING, Swarm, and NOAA POES Multi-Instrument Observations. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL095090	4.9	4
59	Statistical study of EMIC Pc1-Pc2 waves observed at subauroral latitudes. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2020</b> , 205, 105292	2	3
58	Simultaneous observation of auroral substorm onset in Polar satellite global images and ground-based all-sky images. <i>Earth, Planets and Space</i> , <b>2018</b> , 70, 73	2.9	3
57	Simultaneous observations of magnetospheric ELF/VLF emissions in Canada, Finland, and Antarctica. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 6442-6454	2.6	3
56	Geomagnetic conjugate observations of plasma-sheet electrons by the FAST and THEMIS satellites. <i>Journal of Geophysical Research: Space Physics</i> , <b>2013</b> , 118, 132-145	2.6	3
55	Predictability of variable solar-terrestrial coupling. <i>Annales Geophysicae</i> , <b>2021</b> , 39, 1013-1035	2	3
54	An Ephemeral Red Arc Appeared at 68°MLat at a Pseudo Breakup During Geomagnetically Quiet Conditions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA028468	2.6	3
53	Equatorial Plasma Bubble Occurrence Under Propagation of MSTID and MLT Gravity Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027566	2.6	3
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> , <b>2020</b> , 125, e2020JA027875	2.6	3
51	Magnetic Conjugacy of Pc1 Waves and Isolated Proton Precipitation at Subauroral Latitudes: Importance of Ionosphere as Intensity Modulation Region. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091384	4.9	3
50	Simultaneous Observation of Two Isolated Proton Auroras at Subauroral Latitudes by a Highly Sensitive All-Sky Camera and Van Allen Probes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA029078	2.6	3
49	Active auroral arc powered by accelerated electrons from very high altitudes. <i>Scientific Reports</i> , <b>2021</b> , 11, 1610	4.9	3
48	Multi-Wavelength Imaging Observations of STEVE at Athabasca, Canada. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, 2020JA028622	2.6	3
47	Statistical Study of Phase Relationship Between Magnetic and Plasma Pressures in the Near-Earth Nightside Magnetosphere Using the THEMIS-E Satellite. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 9517-9531	2.6	3

46	Direct Comparison Between Magnetospheric Plasma Waves and Polar Mesosphere Winter Echoes in Both Hemispheres. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 9626-9639	2.6	2
45	Dilatory and Downward Development of 3-m Scale Irregularities in the Funnel-Like Region of a Rapidly Rising Equatorial Plasma Bubble. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL087256	4.9	2
44	Multievent Analysis of Oscillatory Motion of Medium-Scale Traveling Ionospheric Disturbances Observed by a 630-nm Airglow Imager Over Tromsø. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027598	2.6	2
43	Fine-Scale Visualization of Aurora in a Wide Area Using Color Digital Camera Images From the International Space Station. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027729	2.6	2
42	Mesoscale Convection Structures Associated With Airglow Patches Characterized Using Cluster-Imager Conjunctions. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 7513-7532	2.6	2
41	IpsDst of Dst Storms Applied to Ionosphere-Thermosphere Storms and Low-Latitude Aurora. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 9552-9565	2.6	2
40	Estimation of the emission altitude of pulsating aurora using the five-wavelength photometer. <i>Earth, Planets and Space</i> , <b>2020</b> , 72,	2.9	2
39	A ground-based instrument suite for integrated high-time resolution measurements of pulsating aurora with Arase		2
38	Multipoint Measurement of Fine-Structured EMIC Waves by Arase, Van Allen Probe A, and Ground Stations. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL096488	4.9	2
37	The Solar Wind Density Control on the Prompt Penetration Electric Field and Equatorial Electrojet. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA027869	2.6	2
36	Influence of Zonal Wind Velocity Variation on Equatorial Plasma Bubble Occurrences Over Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028994	2.6	2
35	Periodic Oscillations in the D Region Ionosphere After the 2011 Tohoku Earthquake Using LF Standard Radio Waves. <i>Journal of Geophysical Research: Space Physics</i> , <b>2018</b> , 123, 5261-5270	2.6	2
34	Simultaneous Pulsating Aurora and Microburst Observations With Ground-Based Fast Auroral Imagers and CubeSat FIREBIRD-II. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL094494	4.9	2
33	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> , <b>2021</b> , 126, e2020JA029086	2.6	2
32	Equatorial Plasma Bubble Zonal Drift Velocity Variations in Response to Season, Local Time, and Solar Activity across Southeast Asia. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2019JA027521 <sup>1</sup>	2.6	1
31	Statistical analysis of severe magnetic fluctuations in the near-Earth plasma sheet observed by THEMIS-E. <i>Annales Geophysicae</i> , <b>2017</b> , 35, 1131-1142	2	1
30	Longitudinal Extent of Magnetospheric ELF/VLF Waves using Multipoint PWING Ground Stations at Subauroral Latitudes. <i>Journal of Geophysical Research: Space Physics</i> , <b>2019</b> , 124, 9881-9892	2.6	1
29	Preliminary results of simultaneous recording of auroral and geomagnetic pulsations at the ISTP SB RAS station Istok. <i>Solnečno-zemna Fizika</i> , <b>2019</b> , 5, 39-44	1	1

28	Study of an Equatorward Detachment of Auroral Arc From the Oval Using Ground-Space Observations and the BATS-R-US/IMI Model. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA029080	2.6	1
27	High-latitude thermospheric wind study using a Fabry-Pérot interferometer at Tromsø Norway: averages and variations during quiet times. <i>Earth, Planets and Space</i> , <b>2019</b> , 71,	2.9	1
26	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> , <b>2021</b> , 126, e2020JA029081	2.6	1
25	ISEE_Wave: interactive plasma wave analysis tool. <i>Earth, Planets and Space</i> , <b>2021</b> , 73,	2.9	1
24	The Link Between Wedge-Like and Nose-Like Ion Spectral Structures in the Inner Magnetosphere. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL093930	4.9	1
23	Spatial Evolution of Wave-Particle Interaction Region Deduced From Flash-Type Auroras and Chorus-Ray Tracing. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029254	2.6	1
22	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> , <b>2021</b> , 126, e2020JA028216	2.6	1
21	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> , <b>2021</b> , 126, e2020JA028682	2.6	1
20	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> , <b>2021</b> , 126, e2020JA027917	2.6	1
19	GPS Scintillations and TEC Variations in Association With a Polar Cap Arc. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA028968	2.6	1
18	Statistical Analysis of Pc1 Wave Ducting Deduced From Swarm Satellites. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2020JA029016	2.6	1
17	PSTEP: project for solar-terrestrial environment prediction. <i>Earth, Planets and Space</i> , <b>2021</b> , 73,	2.9	1
16	An experimental investigation into the possible connections between the zonal neutral wind speeds and equatorial plasma bubble drift velocities over the African equatorial region. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , <b>2021</b> , 220, 105663	2	1
15	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> , <b>2022</b> , 49,	4.9	1
14	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> , <b>2022</b> , 49,	4.9	1
13	Asymmetric Development of Auroral Surges in the Northern and Southern Hemispheres. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088750	4.9	0
12	Ionospheric Plasma Density Oscillation Related to EMIC Pc1 Waves. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL089000	4.9	0
11	Periodicities and Colors of Pulsating Auroras: DSLR Camera Observations From the International Space Station. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029564	2.6	0

10	Development of research capacities in space weather: a successful international cooperation. <i>Journal of Space Weather and Space Climate</i> , <b>2021</b> , 11, 28	2.5	○
9	Cross-Energy Couplings from Magnetosonic Waves to Electromagnetic Ion Cyclotron Waves through Cold Ion Heating inside the Plasmasphere.. <i>Physical Review Letters</i> , <b>2021</b> , 127, 245101	7.4	○
8	Electron density variability of nighttime D region ionosphere in Vietnamese and Japanese sectors. <i>Journal of Geophysical Research: Space Physics</i> , <b>2017</b> , 122, 6543-6551	2.6	
7	Severe Magnetic Fluctuations in the Near-Earth Magnetotail: Spectral Analysis and Dependence on Solar Activity. <i>Journal of Geophysical Research: Space Physics</i> , <b>2020</b> , 125, e2020JA027834	2.6	
6	Auroral Heating of Plasma Patches Due to High-Latitude Reconnection. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029657	2.6	
5	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> , <b>2021</b> , 126, e2020JA028972	2.6	
4	Preliminary results of simultaneous recording of auroral and geomagnetic pulsations at the ISTP SB RAS station Istok. <i>Solneĉno-zemnaĹFizika</i> , <b>2019</b> , 5, 42-48	0.2	
3	Variations in Cosmic Noise Absorption in Association With Equatorward Development of the Pulsating Auroral Patch: A Case Study to Estimate the Energy Spectra of Auroral Precipitating Electrons. <i>Journal of Geophysical Research: Space Physics</i> , <b>2021</b> , 126, e2021JA029309	2.6	
2	Spatio-Temporal Characteristics of Energetic Lightning in Southeast Asia: Preliminary Statistical Results. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 317-327	0.2	
1	Signatures of auroral potential structure extending through the near-equatorial inner magnetosphere. <i>Geophysical Research Letters</i> ,	4.9	