Yuichi Otsuka

List of Publications by Year
in descending order

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331	11,343	24978	54797
papers	citations	57 h-index	84 g-index

337	337	337	4934
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Propagation Direction Analyses of Mediumâ€Scale Traveling Ionospheric Disturbances Observed Over North America With GPSâ€TEC Perturbation Maps by Threeâ€Dimensional Spectral Analysis Method. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	4
2	Statistical Behavior of Largeâ€Scale Ionospheric Disturbances From High Latitudes to Midâ€Latitudes During Geomagnetic Storms Using 20â€yr GNSSâ€TEC Data: Dependence on Season and Storm Intensity. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	3
3	Modeling Post-Sunset Equatorial Spread-F Occurrence as a Function of Evening Upward Plasma Drift Using Logistic Regression, Deduced from Ionosondes in Southeast Asia. Remote Sensing, 2022, 14, 1896.	1.8	9
4	Propagation characteristics of sporadic E and medium-scale traveling ionospheric disturbances (MSTIDs): statistics using HF Doppler and GPS-TEC data in Japan. Earth, Planets and Space, 2022, 74, .	0.9	1
5	Generation Mechanisms of Plasma Density Irregularity in the Equatorial Ionosphere During a Geomagnetic Storm on 21â€“22 December 2014. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	6
6	On the Role of Eâ€F Region Coupling in the Generation of Nighttime MSTIDs During Summer and Equinox: Case Studies Over Northern Germany. Journal of Geophysical Research: Space Physics, 2022, 127, .	0.8	3
7	A confirmation of vertical acoustic resonance and field-aligned current generation just after the 2022 Hunga Tonga Hunga Haâ€™apai volcanic eruption. Earth, Planets and Space, 2022, 74, .	0.9	16
8	Electromagnetic conjugacy of ionospheric disturbances after the 2022 Hunga Tonga-Hunga Haâ€™apai volcanic eruption as seen in GNSS-TEC and SuperDARN Hokkaido pair of radars observations. Earth, Planets and Space, 2022, 74, .	0.9	32
9	Challenges to Equatorial Plasma Bubble and Ionospheric Scintillation Short-Term Forecasting and Future Aspects in East and Southeast Asia. Surveys in Geophysics, 2021, 42, 201-238.	2.1	53
10	Solar activity dependence of medium-scale traveling ionospheric disturbances using GPS receivers in Japan. Earth, Planets and Space, 2021, 73, .	0.9	18
11	Roles of thermospheric neutral wind and equatorial electrojet in pre-reversal enhancement, deduced from observations in Southeast Asia. Earth and Planetary Physics, 2021, 5, 388-397.	0.4	9
12	On the Generation of an Unseasonal EPB Over South East Asia. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028724.	0.8	2
13	Comparison of seasonal and longitudinal variation of daytime MSTID activity using GPS observation and GAIA simulations. Earth, Planets and Space, 2021, 73, .	0.9	6
14	Multiâ€Wavelength Imaging Observations of STEVE at Athabasca, Canada. Journal of Geophysical Research: Space Physics, 2021, 126, 2020JA028622.	0.8	14
15	Formation of an additional density peak in the bottom side of the sodium layer associated with the passage of multiple mesospheric frontal systems. Atmospheric Chemistry and Physics, 2021, 21, 2343-2361.	1.9	3
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	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
18	Model-based reproduction and validation of the total spectra of aÂsolar flare and their impact on the global environment at the X9.3 event of September 6, 2017. Earth, Planets and Space, 2021, 73, .	0.9	5

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19	Influence of Zonal Wind Velocity Variation on Equatorial Plasma Bubble Occurrences Over Southeast Asia. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028994.	0.8	8
20	Statistical study of medium-scale traveling ionospheric disturbances in low-latitude ionosphere using an automatic algorithm. Earth, Planets and Space, 2021, 73, .	0.9	9
21	Simultaneous Observation of Two Isolated Proton Auroras at Subauroral Latitudes by a Highly Sensitive Allâ€Sky Camera and Van Allen Probes. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029078.	0.8	7
22	The Occurrence Feature of Plasma Bubbles in the Equatorial to Midlatitude Ionosphere During Geomagnetic Storms Using Longâ€Term GNSSâ€TEC Data. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA029010.	0.8	12
23	Manipulating Interactions between T4 Phage Long Tail Fibers and Escherichia coli Receptors. Applied and Environmental Microbiology, 2021, 87, e0042321.	1.4	14
24	What controls the luminosity of polar cap airglow patches?: Implication from airglow measurements in Eureka, Canada in comparison with SuperDARN convection pattern. Polar Science, 2021, 28, 100608.	0.5	1
25	Coupled investigations of ionosphere variations over European and Japanese regions: observations, comparative analysis, and validation of models and facilities. Progress in Earth and Planetary Science, 2021, 8, .	1.1	3
26	Lâ€Band Synthetic Aperture Radar Observation of Ionospheric Density Irregularities at Equatorial Plasma Depletion Region. Geophysical Research Letters, 2021, 48, e2021GL093541.	1.5	3
27	PSTEP: project for solarâ€“terrestrial environment prediction. Earth, Planets and Space, 2021, 73, .	0.9	10
28	Characteristics of Medium-Scale Traveling Ionospheric Disturbances and Ionospheric Irregularities at Mid-Latitudes Revealed by the Total Electron Content Associated With the Beidou Geostationary Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6424-6430.	2.7	4
29	An experimental investigation into the possible connections between the zonal neutral wind speeds and equatorial plasma bubble drift velocities over the African equatorial region. Journal of Atmospheric and Solar-Terrestrial Physics, 2021, 220, 105663.	0.6	2
30	Isolated Proton Aurora Driven by EMIC Pc1 Wave: PWING, Swarm, and NOAA POES Multiâ€Instrument Observations. Geophysical Research Letters, 2021, 48, e2021GL095090.	1.5	7
31	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
32	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
33	The hokW-sokW Locus Encodes a Type I Toxinâ€“Antitoxin System That Facilitates the Release of Lysogenic Sp5 Phage in Enterohemorrhagic Escherichia coli O157. Toxins, 2021, 13, 796.	1.5	4
34	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
35	Equatorial Plasma Bubble Occurrence Under Propagation of MSTID and MLT Gravity Waves. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027566.	0.8	10
36	Dilatory and Downward Development of 3â€m Scale Irregularities in the Funnelâ€Like Region of a Rapidly Rising Equatorial Plasma Bubble. Geophysical Research Letters, 2020, 47, e2020GL087256.	1.5	5

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37	Equatorial Plasma Bubble Zonal Drift Velocity Variations in Response to Season, Local Time, and Solar Activity across Southeast Asia. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027521.	0.8	6
38	Multievent Analysis of Oscillatory Motion of Mediumâ€Scale Traveling Ionospheric Disturbances Observed by a 630â€nm Airglow Imager Over TromsÃ¸. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA027598.	0.8	2
39	Probability of ionospheric plasma bubble occurrence as a function of pre-reversal enhancement deduced from ionosondes in Southeast Asia. AIP Conference Proceedings, 2020, , .	0.3	4
40	Temporal and Spatial Variations of Total Electron Content Enhancements During a Geomagnetic Storm on 27 and 28 September 2017. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026873.	0.8	24
41	Wavenumber Spectra of Atmospheric Gravity Waves and Mediumâ€Scale Traveling Ionospheric Disturbances Based on More Than 10â€Year Airglow Images in Japan, Russia, and Canada. Journal of Geophysical Research: Space Physics, 2020, 125, e2019JA026807.	0.8	9
42	Day-to-day variation of pre-reversal enhancement in the equatorial ionosphere based on GAIA model simulations. Earth, Planets and Space, 2020, 72, .	0.9	11
43	Observations of equatorial plasma bubbles using a low-cost 630.0-nm all-sky imager in Ishigaki Island, Japan. Earth, Planets and Space, 2020, 72, .	0.9	3
44	A Short Peptide Derived from the ZorO Toxin Functions as an Effective Antimicrobial. Toxins, 2019, 11, 392.	1.5	10
45	Statistical Study of Auroral/Resonantâ€Scattering 427.8â€nm Emission Observed at Subauroral Latitudes Over 14ÂYears. Journal of Geophysical Research: Space Physics, 2019, 124, 9293-9301.	0.8	7
46	Investigation of Spatiotemporal Morphology of Plasma Bubbles Based on EAR Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 10549-10563.	0.8	4
47	IpsDst of Dst Storms Applied to Ionosphereâ€Thermosphere Storms and Lowâ€Latitude Aurora. Journal of Geophysical Research: Space Physics, 2019, 124, 9552-9565.	0.8	6
48	Characteristics of GNSS Total Electron Content Enhancements Over the Midlatitudes During a Geomagnetic Storm on 7 and 8 November 2004. Journal of Geophysical Research: Space Physics, 2019, 124, 10376-10394.	0.8	17
49	Visualization of rapid electron precipitation via chorus element waveâ€“particle interactions. Nature Communications, 2019, 10, 257.	5.8	35
50	Direct Observations of Traveling Ionospheric Disturbances as Focusers of Solar Radiation: Spectral Caustics. Astrophysical Journal, 2019, 877, 98.	1.6	5
51	Observation and characterization of traveling ionospheric disturbances induced by solar eclipse of 20 March 2015 using incoherent scatter radars and GPS networks. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 191, 105051.	0.6	26
52	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
53	Daytime Periodic Waveâ€like Structures in the Ionosphere Observed at Low Latitudes over the Asianâ€Australian Sector Using Total Electron Content from Beidou Geostationary Satellites. Journal of Geophysical Research: Space Physics, 2019, 124, 2312-2322.	0.8	16
54	Observations of Lowâ€Latitude Traveling Ionospheric Disturbances by a 630.0â€nm Airglow Imager and the CHAMP Satellite Over Indonesia. Journal of Geophysical Research: Space Physics, 2019, 124, 2198-2212.	0.8	5

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55	Threeâ€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. Journal of Geophysical Research: Space Physics, 2019, 124, 8110-8124.	0.8	9
56	Capability of Geomagnetic Storm Parameters to Identify Severe Space Weather. Astrophysical Journal, 2019, 887, 51.	1.6	11
57	A Neural Networkâ€Based Ionospheric Model Over Africa From Constellation Observing System for Meteorology, Ionosphere, and Climate and Ground Global Positioning System Observations. Journal of Geophysical Research: Space Physics, 2019, 124, 10512-10532.	0.8	40
58	Multicomponent Analysis of Ionospheric Scintillation Effects Using the Synchrosqueezing Technique for Monitoring and Mitigating their Impact on GNSS Signals. Journal of Navigation, 2019, 72, 669-684.	1.0	6
59	Development of multivariate ionospheric TEC forecasting algorithm using linear time series model and ARMA over low-latitude GNSS station. Advances in Space Research, 2019, 63, 2848-2856.	1.2	43
60	Thermospheric wind variations observed by a Fabryâ€“Perot interferometer at TromsÃ¸, Norway, at substorm onsets. Earth, Planets and Space, 2019, 71, .	0.9	8
61	Discovery of 1ÂHz Range Modulation of Isolated Proton Aurora at Subauroral Latitudes. Geophysical Research Letters, 2018, 45, 1209-1217.	1.5	18
62	Daytime F-region irregularity triggered by rocket-induced ionospheric hole over low latitude. Progress in Earth and Planetary Science, 2018, 5, .	1.1	14
63	Daily and seasonal variations in the linear growth rate of the Rayleigh-Taylor instability in the ionosphere obtained with GAIA. Progress in Earth and Planetary Science, 2018, 5, .	1.1	20
64	Spatial and temporal characteristics of ionospheric total electron content over Indian equatorial and low-latitude GNSS stations. , 2018, , .		1
65	Mediumâ€Scale Traveling Ionospheric Disturbances Observed by Detrended Total Electron Content Maps Over Brazil. Journal of Geophysical Research: Space Physics, 2018, 123, 2215-2227.	0.8	34
66	Statistical Analysis of the Phase Velocity Distribution of Mesospheric and Ionospheric Waves Observed in Airglow Images Over a 16â€Year Period: Comparison Between Rikubetsu and Shigaraki, Japan. Journal of Geophysical Research: Space Physics, 2018, 123, 6930-6947.	0.8	15
67	Equatorial plasma bubble seeding by MSTIDs in the ionosphere. Progress in Earth and Planetary Science, 2018, 5, .	1.1	48
68	Review of the generation mechanisms of post-midnight irregularities in the equatorial and low-latitude ionosphere. Progress in Earth and Planetary Science, 2018, 5, .	1.1	61
69	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
70	Observations of Ultrawideband Signals in GPS TEC Variations Over Europe During Solar Eclipse. , 2018, , .		0
71	Rapid Loss of Relativistic Electrons by EMIC Waves in the Outer Radiation Belt Observed by Arase, Van Allen Probes, and the PWING Ground Stations. Geophysical Research Letters, 2018, 45, 12,720.	1.5	25
72	Statistical Analysis of SAR Arc Detachment From the Main Oval Based on 11â€Year, Allâ€Sky Imaging Observation at Athabasca, Canada. Geophysical Research Letters, 2018, 45, 11,539.	1.5	16

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73	Temporal and Spatial Variations of Mid-Latitude Ionospheric Trough During a Geomagnetic Storm Based on Global GNSS-TEC and Arase Satellite Observations. , 2018, , .		0
74	Stormâ€Enhanced Development of Postsunset Equatorial Plasma Bubbles Around the Meridian 120Â°E/60Â°W on 7â€“8 September 2017. Journal of Geophysical Research: Space Physics, 2018, 123, 7985-7998.	0.8	54
75	Investigation of Nighttime MSTIDS Observed by Optical Thermosphere Imagers at Low Latitudes: Morphology, Propagation Direction, and Wind Filtering. Journal of Geophysical Research: Space Physics, 2018, 123, 7843-7857.	0.8	25
76	On the Role of Thermospheric Winds and Sporadic E Layers in the Formation and Evolution of Electrified MSTIDs in Geomagnetic Conjugate Regions. Journal of Geophysical Research: Space Physics, 2018, 123, 6957-6980.	0.8	35
77	On the Solstice Maxima and Azimuthâ€Dependent Characteristics of the 150â€km Echoes Observed Using the Equatorial Atmosphere Radar. Journal of Geophysical Research: Space Physics, 2018, 123, 6752-6759.	0.8	4
78	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
79	Relationship between day-to-day variability of equatorial plasma bubble activity from GPS scintillation and atmospheric properties from Ground-to-topside model of Atmosphere and Ionosphere for Aeronomy (GAIA) assimilation. Progress in Earth and Planetary Science, 2018, 5, .	1.1	8
80	Total Electron Content Observations by Dense Regional and Worldwide International Networks of GNSS. Journal of Disaster Research, 2018, 13, 535-545.	0.4	31
81	Climatology of successive equatorial plasma bubbles observed by GPS ROTI over Malaysia. Journal of Geophysical Research: Space Physics, 2017, 122, 2174-2184.	0.8	39
82	Largeâ€scale traveling ionospheric disturbances observed by GPS dTEC maps over North and South America on Saint Patrick's Day storm in 2015. Journal of Geophysical Research: Space Physics, 2017, 122, 4755-4763.	0.8	37
83	Measurement of thermospheric temperatures using OMTI Fabryâ€“Perot interferometers with 70-mm etalon. Earth, Planets and Space, 2017, 69, .	0.9	8
84	Characteristics of Seasonal Variation and Solar Activity Dependence of the Geomagnetic Solar Quiet Daily Variation. Journal of Geophysical Research: Space Physics, 2017, 122, 10,796.	0.8	13
85	Daytime zonal drifts in the ionospheric 150Âkm and E regions estimated using EAR observations. Journal of Geophysical Research: Space Physics, 2017, 122, 9045-9055.	0.8	6
86	Sixteen year variation of horizontal phase velocity and propagation direction of mesospheric and thermospheric waves in airglow images at Shigaraki, Japan. Journal of Geophysical Research: Space Physics, 2017, 122, 8770-8780.	0.8	21
87	Equinoctial asymmetry in the zonal distribution of scintillation as observed by GPS receivers in Indonesia. Journal of Geophysical Research: Space Physics, 2017, 122, 8947-8958.	0.8	9
88	First Study on the Occurrence Frequency of Equatorial Plasma Bubbles over West Africa Using an Allâ€Sky Airglow Imager and GNSS Receivers. Journal of Geophysical Research: Space Physics, 2017, 122, 12,430.	0.8	17
89	The Solar Flux Dependence of Ionospheric 150Âkm Radar Echoes and Implications. Geophysical Research Letters, 2017, 44, 11,257-11,264.	1.5	12
90	Coordinated observations of postmidnight irregularities and thermospheric neutral winds and temperatures at low latitudes. Journal of Geophysical Research: Space Physics, 2017, 122, 7504-7518.	0.8	19

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91	On the effect of thermospheric neutral winds on post-midnight field-aligned irregularities at low latitudes. , 2017, , .		1
92	RnlB Antitoxin of the Escherichia coli RnlA-RnlB Toxinâ€“Antitoxin Module Requires RNase HI for Inhibition of RnlA Toxin Activity. Toxins, 2017, 9, 29.	1.5	8
93	Geomagnetically conjugate observations of ionospheric and thermospheric variations accompanied by a midnight brightness wave at low latitudes. Earth, Planets and Space, 2017, 69, .	0.9	3
94	Correction to: Geomagnetically conjugate observations of ionospheric and thermospheric variations accompanied by a midnight brightness wave at low latitudes. Earth, Planets and Space, 2017, 69, .	0.9	0
95	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
96	Statistical analysis of the occurrences of mstids observed by all-sky imager in low magnetic latitude. , 2017, , .		0
97	Pengesanan Gelembung Plasma di dalam Lapisan Ionosfera menggunakan Penerima GPS di Asia Tenggara. Sains Malaysiana, 2017, 46, 879-885.	0.3	0
98	Fast modulations of pulsating proton aurora related to subpacket structures of Pc1 geomagnetic pulsations at subauroral latitudes. Geophysical Research Letters, 2016, 43, 7859-7866.	1.5	13
99	On the fresh development of equatorial plasma bubbles around the midnight hours of June solstice. Journal of Geophysical Research: Space Physics, 2016, 121, 9051-9062.	0.8	40
100	Enhanced ionospheric plasma bubble generation in more active ITCZ. Geophysical Research Letters, 2016, 43, 2389-2395.	1.5	57
101	Characterization of the interactions between Escherichia coli receptors, LPS and OmpC, and bacteriophage T4 long tail fibers. MicrobiologyOpen, 2016, 5, 1003-1015.	1.2	88
102	Ionospheric TEC Weather Map Over South America. Space Weather, 2016, 14, 937-949.	1.3	54
103	Altitude development of postmidnight F region fieldâ€aligned irregularities observed using Equatorial Atmosphere Radar in Indonesia. Geophysical Research Letters, 2016, 43, 1015-1022.	1.5	24
104	The first long-term all-sky imager observation of lunar sodium tail. Icarus, 2016, 280, 199-204.	1.1	4
105	Duskside enhancement of equatorial zonal electric field response to convection electric fields during the St. Patrick's Day storm on 17 March 2015. Journal of Geophysical Research: Space Physics, 2016, 121, 538-548.	0.8	88
106	Pulsating proton aurora caused by rising tone Pc1 waves. Journal of Geophysical Research: Space Physics, 2016, 121, 1608-1618.	0.8	21
107	Three years of concentric gravity wave variability in the mesopause as observed by IMAP/VISI. Geophysical Research Letters, 2016, 43, 11,528.	1.5	13
108	Structural insights into the inhibition mechanism of bacterial toxin LsoA by bacteriophage antitoxin Dmd. Molecular Microbiology, 2016, 101, 757-769.	1.2	16

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109	Prokaryotic toxinâ€“antitoxin systems: novel regulations of the toxins. Current Genetics, 2016, 62, 379-382.	0.8	39
110	An <scp>ADP</scp>â€ribosyltransferase <scp>A</scp>lt of bacteriophage <scp>T</scp>4 negatively regulates the <scp>E</scp>scherichia coliâ€…<scp>MazF</scp> toxin of a toxinâ€“antitoxin module. Molecular Microbiology, 2016, 99, 188-198.	1.2	49
111	Effects of pre-reversal enhancement of Eâ€‰Ã—â€‰B drift on the latitudinal extension of plasma bubble in Southeast Asia. Earth, Planets and Space, 2015, 67, .	0.9	29
112	Fresh and evolutionaryâ€type fieldâ€aligned irregularities generated near sunrise terminator due to overshielding electric fields. Journal of Geophysical Research: Space Physics, 2015, 120, 5922-5930.	0.8	16
113	Rapid Degradation of Host mRNAs by Stimulation of RNase E Activity by Srd of Bacteriophage T4. Genetics, 2015, 201, 977-987.	1.2	21
114	Multiâ€instrument, highâ€resolution imaging of polar cap patch transportation. Radio Science, 2015, 50, 904-915.	0.8	12
115	Direct observations of blob deformation during a substorm. Annales Geophysicae, 2015, 33, 525-530.	0.6	4
116	Statistical study of auroral fragmentation into patches. Journal of Geophysical Research: Space Physics, 2015, 120, 6207-6217.	0.8	8
117	A direct link between chorus emissions and pulsating aurora on timescales from milliseconds to minutes: A case study at subauroral latitudes. Journal of Geophysical Research: Space Physics, 2015, 120, 9617-9631.	0.8	14
118	Coordinated airglow observations between IMAP/VISI and a groundâ€based allâ€sky imager on concentric gravity wave in the mesopause. Journal of Geophysical Research: Space Physics, 2015, 120, 9706-9721.	0.8	15
119	Airglow-imaging observation of plasma bubble disappearance at geomagnetically conjugate points. Earth, Planets and Space, 2015, 67, .	0.9	34
120	Climatology of equatorial plasma bubble observed by MyRTKnet over the years 2008–2013. , 2015, , .		0
121	Explicit characteristics of evolutionaryâ€type plasma bubbles observed from Equatorial Atmosphere Radar during the low to moderate solar activity years 2010â€“2012. Journal of Geophysical Research: Space Physics, 2015, 120, 1371-1382.	0.8	33
122	Plasma bubble monitoring by TEC map and 630nm airglow image. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 130-131, 151-158.	0.6	43
123	Geomagnetically conjugate observation of plasma bubbles and thermospheric neutral winds at low latitudes. Journal of Geophysical Research: Space Physics, 2015, 120, 2222-2231.	0.8	29
124	TEC variation during high and low solar activities over South American sector. Journal of Atmospheric and Solar-Terrestrial Physics, 2015, 135, 22-35.	0.6	20
125	T4 Factor Involved in Phageâ€induced Host mRNA Degradation. FASEB Journal, 2015, 29, 711.1.	0.2	0
126	Global imaging of polar cap patches with dual airglow imagers. Geophysical Research Letters, 2014, 41, 1-6.	1.5	81

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127	CME front and severe space weather. Journal of Geophysical Research: Space Physics, 2014, 119, 10,041.	0.8	35
128	Continuous generation and twoâ€dimensional structure of equatorial plasma bubbles observed by highâ€density GPS receivers in Southeast Asia. Journal of Geophysical Research: Space Physics, 2014, 119, 10,569.	0.8	27
129	Airglow observations of nighttime mediumâ€scale traveling ionospheric disturbances from Yonaguni: Statistical characteristics and lowâ€latitude limit. Journal of Geophysical Research: Space Physics, 2014, 119, 9268-9282.	0.8	63
130	Long-term variation in the upper atmosphere as seen in the geomagnetic solar quiet daily variation. Earth, Planets and Space, 2014, 66, .	0.9	18
131	Two-dimensional structure of equatorial plasma bubble observed using GPS networks in South East Asia region. , 2014, , .		3
132	The observation of equatorial plasma bubble using all sky imager and GPS TEC measurement. , 2014, , .		0
133	Observations of GPS scintillation during an isolated auroral substorm. Progress in Earth and Planetary Science, 2014, 1, 16.	1.1	20
134	Auroral fragmentation into patches. Journal of Geophysical Research: Space Physics, 2014, 119, 8249-8261.	0.8	18
135	Diagnostics of equatorial and low latitude ionosphere by TEC mapping over Brazil. Advances in Space Research, 2014, 54, 385-394.	1.2	27
136	Vertical ExB drifts from radar and C/NOFS observations in the Indian and Indonesian sectors: Consistency of observations and model. Journal of Geophysical Research: Space Physics, 2014, 119, 3777-3788.	0.8	15
137	First spaceborne observation of the entire concentric airglow structure caused by tropospheric disturbance. Geophysical Research Letters, 2014, 41, 6943-6948.	1.5	13
138	Twoâ€dimensional simulation of ionospheric variations in the vicinity of the epicenter of the Tohokuâ€oki earthquake on 11 March 2011. Geophysical Research Letters, 2013, 40, 5009-5013.	1.5	45
139	Observation of nighttime medium-scale travelling ionospheric disturbances by two 630-nm airglow imagers near the auroral zone. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 103, 184-194.	0.6	22
140	Ionogram-based range-time displays for observing relationships between ionosonde satellite traces, spread F and drifting optical plasma depletions. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 98, 105-112.	0.6	11
141	Physical mechanisms of the ionospheric storms at equatorial and higher latitudes during the recovery phase of geomagnetic storms. Journal of Geophysical Research: Space Physics, 2013, 118, 2660-2669.	0.8	69
142	TOTAL ELECTRON CONTENT MONITORING OVER SOUTH AMERICA REGION DURING THE LAST SOLAR MINIMUM. , 2013, , .		0
143	GPS observations of medium-scale traveling ionospheric disturbances over Europe. Annales Geophysicae, 2013, 31, 163-172.	0.6	152
144	Typhoon-induced concentric airglow structures in the mesopause region. Geophysical Research Letters, 2013, 40, 5983-5987.	1.5	40

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145	Evidence of gravity wave ducting in the mesopause region from airglow network observations. Geophysical Research Letters, 2013, 40, 601-605.	1.5	30
146	Periodicities on GPS TEC data over South American stations. , 2013, , .		0
147	Low-Latitude Mesosphere, Thermosphere, and Ionosphere. International Journal of Geophysics, 2012, 2012, 1-2.	0.4	0
148	Seasonal and Local Time Variations ofE-Region Field-Aligned Irregularities Observed with 30.8-MHz Radar at Kototabang, Indonesia. International Journal of Geophysics, 2012, 2012, 1-7.	0.4	0
149	Development of low-cost sky-scanning Fabry-Perot interferometers for airglow and auroral studies. Earth, Planets and Space, 2012, 64, 1033-1046.	0.9	63
150	On postâ€midnight fieldâ€aligned irregularities observed with a 30.8â€MHz radar at a low latitude: Comparison withFâ€layer altitude near the geomagnetic equator. Journal of Geophysical Research, 2012, 117, .	3.3	37
151	A comparative study of equatorial daytime vertical E Ã— B drift in the Indian and Indonesian sectors based on 150 km echoes. Journal of Geophysical Research, 2012, 117, .	3.3	25
152	Observation of equatorial nighttime mediumâ€scale traveling ionospheric disturbances in 630â€nm airglow images over 7 years. Journal of Geophysical Research, 2012, 117, .	3.3	52
153	Motion of highâ€latitude nighttime mediumâ€scale traveling ionospheric disturbances associated with auroral brightening. Journal of Geophysical Research, 2012, 117, .	3.3	13
154	Ionospheric and thermospheric storms at equatorial latitudes observed by CHAMP, ROCSAT, and DMSP. Journal of Geophysical Research, 2012, 117, .	3.3	28
155	Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes. Journal of Geophysical Research, 2012, 117, .	3.3	23
156	GPS total electron content variations associated with poleward moving Sunâ€aligned arcs. Journal of Geophysical Research, 2012, 117, .	3.3	15
157	Response of lowâ€latitude ionosphere to mediumâ€term changes of solar and geomagnetic activity. Journal of Geophysical Research, 2012, 117, .	3.3	18
158	Disappearance of equatorial plasma bubble after interaction with midâ€latitude mediumâ€scale traveling ionospheric disturbance. Geophysical Research Letters, 2012, 39, .	1.5	33
159	Overview of Nighttime Ionospheric Instabilities at Low- and Mid-Latitudes: Coupling Aspects Resulting in Structuring at the Mesoscale. Space Science Reviews, 2012, 168, 419-440.	3.7	67
160	Utility of preoperative small-bowel endoscopy for hemorrhagic lesions in the small intestine. Surgery Today, 2012, 42, 536-541.	0.7	7
161	First satellite-imaging observation of medium-scale traveling ionospheric disturbances by FORMOSAT-2/ISUAL. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	9
162	Motion of polar cap arcs. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	33

#	Article	IF	Citations
163	Vertical connection from the tropospheric activities to the ionospheric longitudinal structure simulated by a new Earth's whole atmosphere-ionosphere coupled model. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	109
164	A statistical study of the response of the dayside equatorialF2layer to the main phase of intense geomagnetic storms as an indicator of penetration electric field. Journal of Geophysical Research, 2011, 116, .	3.3	24
165	Decay of polar cap patch. Journal of Geophysical Research, 2011, 116, .	3.3	27
166	New aspects of thermospheric and ionospheric storms revealed by CHAMP. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	49
167	Simultaneous observations at Darwin of equatorial bubbles by ionosonde-based range/time displays and airglow imaging. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	28
168	On postmidnight low-latitude ionospheric irregularities during solar minimum: 1. Equatorial Atmosphere Radar and GPS-TEC observations in Indonesia. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	46
169	On postmidnight low-latitude ionospheric irregularities during solar minimum: 2. C/NOFS observations and comparisons with the Equatorial Atmosphere Radar. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	26
170	Equatorial electrodynamics and neutral background in the Asian sector during the 2009 stratospheric sudden warming. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	60
171	Acoustic resonance and plasma depletion detected by GPS total electron content observation after the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 863-867.	0.9	111
172	Ionospheric disturbances detected by GPS total electron content observation after the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 875-879.	0.9	222
173	Ionospheric multiple stratifications and irregularities induced by the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 869-873.	0.9	61
174	Propagation of large amplitude ionospheric disturbances with velocity dispersion observed by the SuperDARN Hokkaido radar after the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 891-896.	0.9	32
175	Long-distance propagation of ionospheric disturbance generated by the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 881-884.	0.9	52
176	Numerical simulations of atmospheric waves excited by the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 885-889.	0.9	83
177	Overview of Nighttime Ionospheric Instabilities at Low- and Mid-Latitudes: Coupling Aspects Resulting in Structuring at the Mesoscale. Space Sciences Series of ISSI, 2011, , 419-440.	0.0	4
178	Statistical Study of Medium-Scale Traveling Ionospheric Disturbances Observed with a GPS Receiver Network in Japan. , 2011, , 291-299.		38
179	Imaging Observation of the Earth's Mesosphere, Thermosphere and Ionosphere by VISI of ISS-IMAP on the International Space Station. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 983-988.	0.2	16
180	Midnight latitudeâ€altitude distribution of 630 nm airglow in the Asian sector measured with FORMOSATâ€2/ISUAL. Journal of Geophysical Research, 2010, 115, .	3.3	13

#	Article	IF	Citations
181	The STEL induction magnetometer network for observation of high-frequency geomagnetic pulsations. Earth, Planets and Space, 2010, 62, 517-524.	0.9	29
182	Lower-thermospheric wind fluctuations measured with an FPI during pulsating aurora at TromsÃ¸, Norway. Annales Geophysicae, 2010, 28, 1847-1857.	0.6	19
183	IscR Regulates RNase LS Activity by Repressing rnlA Transcription. Genetics, 2010, 185, 823-830.	1.2	20
184	A physical mechanism of positive ionospheric storms at low latitudes and midlatitudes. Journal of Geophysical Research, 2010, 115, .	3.3	171
185	Reorganization of polar cap patches through shears in the background plasma convection. Journal of Geophysical Research, 2010, 115, .	3.3	21
186	Longitudinal development of lowâ€latitude ionospheric irregularities during the geomagnetic storms of July 2004. Journal of Geophysical Research, 2010, 115, .	3.3	44
187	Nighttimeâ€like quasi periodic echoes induced by a partial solar eclipse. Geophysical Research Letters, 2010, 37, .	1.5	14
188	Dynamic temporal evolution of polar cap tongue of ionization during magnetic storm. Journal of Geophysical Research, 2010, 115, .	3.3	39
189	Largeâ€scale traveling ionospheric disturbance observed by superDARN Hokkaido HF radar and GPS networks on 15 December 2006. Journal of Geophysical Research, 2010, 115, .	3.3	40
190	Characteristics of equatorial gravity waves derived from mesospheric airglow imaging observations. Annales Geophysicae, 2009, 27, 1625-1629.	0.6	22
191	Observations of the F-region ionospheric irregularities in the South American sector during the October 2003 "Halloween Storms". Annales Geophysicae, 2009, 27, 4463-4477.	0.6	24
192	Zonal asymmetry of daytime 150-km echoes observed by Equatorial Atmosphere Radar in Indonesia. Annales Geophysicae, 2009, 27, 967-974.	0.6	16
193	The Optical Mesosphere Thermosphere Imagers (OMTIs) for network measurements of aurora and airglow. , 2009, , .		15
194	Medium-Scale Traveling Ionospheric Disturbances and Plasma Bubbles Observed by an All-Sky Airglow Imager at Yonaguni, Japan. Terrestrial, Atmospheric and Oceanic Sciences, 2009, 20, 287.	0.3	9
195	Use of a self-expandable covered stent for closure of a fistula at a cervical anastomosis after pharyngo-laryngo-esophagectomy: a case report. Esophagus, 2009, 6, 259-261.	1.0	0
196	Ionospheric and geomagnetic disturbances during the 2005 Sumatran earthquakes. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1992-2005.	0.6	23
197	On the gravity wave-driven instability of E layer at mid-latitude. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1943-1947.	0.6	8
198	Equatorial GPS ionospheric scintillations over Kototabang, Indonesia and their relation to atmospheric waves from below. Earth, Planets and Space, 2009, 61, 397-410.	0.9	10

#	Article	IF	Citations
199	VHF radar observations of nighttime F-region field-aligned irregularities over Kototabang, Indonesia. Earth, Planets and Space, 2009, 61, 431-437.	0.9	59
200	Relative effects of electric field and neutral wind on positive ionospheric storms. Earth, Planets and Space, 2009, 61, 439-445.	0.9	39
201	Propagation characteristics of nighttime mesospheric and thermospheric waves observed by optical mesosphere thermosphere imagers at middle and low latitudes. Earth, Planets and Space, 2009, 61, 479-491.	0.9	117
202	Unusually elongated, bright airglow plume in the polar cap F region: Is it a tongue of ionization?. Geophysical Research Letters, 2009, 36, .	1.5	15
203	First simultaneous observations of daytime MSTIDs over North America using GPSâ€TEC and DEMETER satellite data. Geophysical Research Letters, 2009, 36, .	1.5	15
204	Effects observed in the ionospheric F region in the east Asian sector during the intense geomagnetic disturbances in the early part of November 2004. Journal of Geophysical Research, 2009, 114, .	3.3	26
205	Relationship between polar cap patches and fieldâ€aligned irregularities as observed with an allâ€sky airglow imager at Resolute Bay and the PolarDARN radar at Rankin Inlet. Journal of Geophysical Research, 2009, 114, .	3.3	44
206	Super plasma fountain and equatorial ionization anomaly during penetration electric field. Journal of Geophysical Research, 2009, 114, .	3.3	102
207	Threeâ€dimensional simulation of the coupled Perkins and E_sâ€layer instabilities in the nighttime midlatitude ionosphere. Journal of Geophysical Research, 2009, 114, .	3.3	152
208	Mediumâ€scale traveling ionospheric disturbances observed with the SuperDARN Hokkaido radar, allâ€sky imager, and GPS network and their relation to concurrent sporadic E irregularities. Journal of Geophysical Research, 2009, 114, .	3.3	80
209	Spatial relationship of nighttime mediumâ€scale traveling ionospheric disturbances and F region fieldâ€aligned irregularities observed with two spaced allâ€sky airglow imagers and the middle and upper atmosphere radar. Journal of Geophysical Research, 2009, 114, .	3.3	61
210	Coordinated observations of nighttime mediumâ€scale traveling ionospheric disturbances in 630â€nm airglow and HF radar echoes at midlatitudes. Journal of Geophysical Research, 2009, 114, .	3.3	16
211	Motion of polar cap patches: A statistical study with allâ€sky airglow imager at Resolute Bay, Canada. Journal of Geophysical Research, 2009, 114, .	3.3	47
212	First observations of largeâ€scale wave structure and equatorial spread F using CERTO radio beacon on the C/NOFS satellite. Geophysical Research Letters, 2009, 36, .	1.5	87
213	Thermospheric temperature and density variations. Proceedings of the International Astronomical Union, 2009, 5, 310-319.	0.0	1
214	Clinical Significance of the Metastatic Lymph-Node Ratio in Early Gastric Cancer. Journal of Gastrointestinal Surgery, 2008, 12, 542-549.	0.9	27
215	Surgical Outcomes in Esophageal Cancer Patients with Tumor Recurrence After Curative Esophagectomy. Journal of Gastrointestinal Surgery, 2008, 12, 802-810.	0.9	59
216	Statistical study of relationship between medium-scale traveling ionospheric disturbance and sporadic E layer activities in summer night over Japan. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 2196-2202.	0.6	52

#	Article	IF	Citations
217	Tumor Diameter as a Prognostic Factor in Patients with Gastric Cancer. Annals of Surgical Oncology, 2008, 15, 1959-1967.	0.7	51
218	First threeâ€dimensional simulation of the Perkins instability in the nighttime midlatitude ionosphere. Geophysical Research Letters, 2008, 35, .	1.5	33
219	Daytime 150â€km echoes observed with the Equatorial Atmosphere Radar in Indonesia: First results. Geophysical Research Letters, 2008, 35, .	1.5	29
220	Simultaneous appearance of isolated auroral arcs and Pc 1 geomagnetic pulsations at subauroral latitudes. Journal of Geophysical Research, 2008, 113, .	3.3	91
221	The influence of stage migration on the comparison of surgical outcomes between D2 gastrectomy and D3 gastrectomy (para-aortic lymph node dissection): a multi-institutional retrospective study. American Journal of Surgery, 2008, 196, 358-363.	0.9	5
222	Decay of 3â€mâ€scale ionospheric irregularities associated with a plasma bubble observed with the Equatorial Atmosphere Radar. Journal of Geophysical Research, 2008, 113, .	3.3	19
223	F₃ layer during penetration electric field. Journal of Geophysical Research, 2008, 113, .	3.3	56
224	Nighttime mediumâ€scale traveling ionospheric disturbances detected by network GPS receivers in Taiwan. Journal of Geophysical Research, 2008, 113, .	3.3	35
225	Northeastward motion of nighttime mediumâ€scale traveling ionospheric disturbances at middle latitudes observed by an airglow imager. Journal of Geophysical Research, 2008, 113, .	3.3	20
226	Learning Curve for Laparoscopy-assisted Distal Gastrectomy With Regional Lymph Node Dissection for Early Gastric Cancer. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2008, 18, 236-241.	0.4	99
227	Statistical study of medium-scale traveling ionospheric disturbances observed with the GPS networks in Southern California. Earth, Planets and Space, 2007, 59, 95-102.	0.9	141
228	Gravity wave momentum flux in the upper mesosphere derived from OH airglow imaging measurements. Earth, Planets and Space, 2007, 59, 421-428.	0.9	28
229	Development of airglow temperature photometers with cooled-CCD detectors. Earth, Planets and Space, 2007, 59, 585-599.	0.9	13
230	Simultaneous observations of nighttime medium-scale traveling ionospheric disturbances andEregion field-aligned irregularities at midlatitude. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	102
231	A concentric gravity wave structure in the mesospheric airglow images. Journal of Geophysical Research, 2007, 112, .	3.3	53
232	Ground observation and AMIE-TIEGCM modeling of a storm-time traveling ionospheric disturbance. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	32
233	Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes. Journal of Geophysical Research, 2007, 112, n/a-n/a.	3.3	60
234	An intense gravity wave near the mesopause region observed by a Fabry-Perot interferometer and an airglow imager. Journal of Geophysical Research, 2007, 112, .	3.3	3

#	Article	IF	Citations
235	Mediumâ€scale traveling ionospheric disturbances detected with dense and wide TEC maps over North America. Geophysical Research Letters, 2007, 34, .	1.5	194
236	Lowâ€latitude total electron content enhancement at low geomagnetic activity observed over Japan. Journal of Geophysical Research, 2007, 112, .	3.3	11
237	Summerâ€winter hemispheric asymmetry of the sudden increase in ionospheric total electron content and of the O/N₂ ratio: Solar activity dependence. Journal of Geophysical Research, 2007, 112, .	3.3	15
238	The ionospheric response in the Brazilian sector during the super geomagnetic storm on 20 November 2003. Annales Geophysicae, 2007, 25, 863-873.	0.6	30
239	Response of nighttime equatorial and low latitude F-region to the geomagnetic storm of August 18, 2003, in the Brazilian sector. Advances in Space Research, 2007, 39, 1325-1334.	1.2	26
240	Spleen-Preserving Distal Pancreatectomy Combined with Distal Gastrectomy for Distal Pancreatic Lesion and Gastric Cancer: Report of a Case. Surgery Today, 2007, 37, 159-161.	0.7	4
241	Medium-scale traveling ionospheric disturbances observed by GPS receiver network in Japan: a short review. GPS Solutions, 2007, 11, 139-144.	2.2	75
242	Impact of Splenectomy in Patients with Gastric Adenocarcinoma of the Cardia. Journal of Gastrointestinal Surgery, 2007, 11, 1039-1044.	0.9	45
243	Modified POSSUM to predict postoperative morbidity following gastrectomy. Hepato-Gastroenterology, 2007, 54, 1142-5.	0.5	7
244	Geomagnetic conjugate observations of large-scale traveling ionospheric disturbances using GPS networks in Japan and Australia. Journal of Geophysical Research, 2006, 111, .	3.3	36
245	Characteristics and implications of Doppler spectra ofEregion quasi-periodic echoes observed by the multibeam middle and upper atmosphere radar. Journal of Geophysical Research, 2006, 111, .	3.3	5
246	Quasiperiodic southward moving waves in 630-nm airglow images in the equatorial thermosphere. Journal of Geophysical Research, 2006, 111, .	3.3	54
247	Climatological study of GPS total electron content variations caused by medium-scale traveling ionospheric disturbances. Journal of Geophysical Research, 2006, 111, .	3.3	120
248	Detection of ruptures of Andaman fault segments in the 2004 great Sumatra earthquake with coseismic ionospheric disturbances. Journal of Geophysical Research, 2006, 111, .	3.3	120
249	A fast-propagating, large-scale atmospheric gravity wave observed in the WAVE2004 campaign. Journal of Geophysical Research, 2006, 111, .	3.3	7
250	Estimating drift velocity of polar cap patches with all-sky airglow imager at Resolute Bay, Canada. Geophysical Research Letters, 2006, 33, .	1.5	50
251	Summer-winter hemispheric asymmetry of sudden increase in ionospheric total electron content induced by solar flares: A role of O/N2ratio. Journal of Geophysical Research, 2006, 111, .	3.3	13
252	Significance of Long-Term Follow-Up of Early Gastric Cancer. Annals of Surgical Oncology, 2006, 13, 363-369.	0.7	43

#	Article	IF	Citations
253	GPS observations of post-storm TEC enhancements at low latitudes. Earth, Planets and Space, 2006, 58, 1479-1486.	0.9	16
254	GPS detection of total electron content variations over Indonesia and Thailand following the 26 December 2004 earthquake. Earth, Planets and Space, 2006, 58, 159-165.	0.9	109
255	Comparison of surgical outcomes of gastric cancer in elderly and middle-aged patients. American Journal of Surgery, 2006, 191, 216-224.	0.9	80
256	Comparison of Results of Surgery in the Upper Third and More Distal Stomach. Journal of Gastrointestinal Surgery, 2006, 10, 718-726.	0.9	4
257	Equatorial Ionospheric Scintillations and Zonal Irregularity Drifts Observed with Closely-Spaced GPS Receivers in Indonesia. Journal of the Meteorological Society of Japan, 2006, 84A, 343-351.	0.7	72
258	Ionospheric Disturbances Over Indonesia and Their Possible Association With Atmospheric Gravity Waves From the Troposphere. Journal of the Meteorological Society of Japan, 2006, 84A, 327-342.	0.7	25
259	Clinicopathological Features of Gastric Carcinoma in Younger and Middle-Aged Patients: A Comparative Study. Journal of Gastrointestinal Surgery, 2006, 10, 1023-1032.	0.9	33
260	A statistical study of ionospheric irregularities observed with a GPS network in Japan. Geophysical Monograph Series, 2006, , 271-281.	0.1	7
261	Clinicopathologic Characteristics and Surgical Outcomes of Mucinous Gastric Carcinoma. Annals of Surgical Oncology, 2006, 13, 836-842.	0.7	56
262	Outcomes of Mass Screening for Gastric Carcinoma. Annals of Surgical Oncology, 2006, 13, 221-228.	0.7	65
263	Comparison of Surgical Results of D2 Versus D3 Gastrectomy (Para-Aortic Lymph Node Dissection) for Advanced Gastric Carcinoma: A Multi-Institutional Study. Annals of Surgical Oncology, 2006, 13, 659-667.	0.7	61
264	Lymph Node Status in Patients with Submucosal Gastric Cancer. Annals of Surgical Oncology, 2006, 13, 1364-1371.	0.7	14
265	Predictive Factors for Pancreatic Fistula After Pancreaticosplenectomy for Advanced Gastric Cancer in the Upper Third of the Stomach. Journal of Gastrointestinal Surgery, 2006, 10, 132-137.	0.9	16
266	Surgical Outcomes in Patients with T4 Gastric Carcinoma. Journal of the American College of Surgeons, 2006, 202, 223-230.	0.2	67
267	Therapeutic strategy for patients with pN0 gastric carcinoma. Journal of Surgical Oncology, 2006, 94, 212-219.	0.8	11
268	A Multi-Instrument Measurement of a Mesospheric Front-Like at the Equator Structure. Journal of the Meteorological Society of Japan, 2006, 84A, 305-316.	0.7	13
269	Clinicopathological properties of poorly-differentiated adenocarcinoma of the stomach: comparison of solid- and non-solid-types. Anticancer Research, 2006, 26, 639-46.	0.5	13
270	Surgical Outcome of Para-aortic Lymph Node Dissection Preserving Neural Tissue Based on Anatomical Evaluations. Journal of Gastrointestinal Surgery, 2005, 9, 781-788.	0.9	5

#	Article	IF	Citations
271	Secondary myelodysplastic syndrome after small cell lung cancer and esophageal cancer. Journal of Gastroenterology and Hepatology (Australia), 2005, 20, 1318-1321.	1.4	6
272	Surgical outcomes for early gastric cancer in the upper third of the stomach. Journal of the American College of Surgeons, 2005, 200, 15-19.	0.2	42
273	Developing an Appropriate Staging System for Esophageal Carcinoma. Journal of the American College of Surgeons, 2005, 201, 884-890.	0.2	45
274	Transition region of TEC enhancement phenomena during geomagnetically disturbed periods at mid-latitudes. Annales Geophysicae, 2005, 23, 3439-3450.	0.6	10
275	Relationship between propagation direction of gravity waves in OH and OI airglow images and VHF radar echo occurrence during the SEEK-2 campaign. Annales Geophysicae, 2005, 23, 2385-2390.	0.6	13
276	The first coordinated observations of mid-latitude <i>E</i>-region quasi-periodic radar echoes and lower thermospheric 557.7-nm airglow. Annales Geophysicae, 2005, 23, 2391-2399.	0.6	10
277	Simultaneous ground- and satellite-based airglow observations of geomagnetic conjugate plasma bubbles in the equatorial anomaly. Earth, Planets and Space, 2005, 57, 385-392.	0.9	26
278	Geomagnetic conjugate observation of nighttime medium-scale and large-scale traveling ionospheric disturbances: FRONT3 campaign. Journal of Geophysical Research, 2005, 110, .	3.3	96
279	Observations of equatorial plasma bubbles using broadcast VHF radio waves. Geophysical Research Letters, 2005, 32, .	1.5	4
280	POSTOPERATIVE HOME ENTERAL NUTRITION AFTER ESOPHAGECTOMY FOR ESOPHAGEAL CANCER. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2005, 66, 985-989.	0.0	1
281	Clinical impact of metastatic lymph node ratio in advanced gastric cancer. Anticancer Research, 2005, 25, 1369-75.	0.5	42
282	Time evolution of high-altitude plasma bubbles imaged at geomagnetic conjugate points. Annales Geophysicae, 2004, 22, 3137-3143.	0.6	55
283	Generation of large-scale equatorial F-region plasma depletions during lowrange spread-F season. Annales Geophysicae, 2004, 22, 15-23.	0.6	31
284	Ray-tracing Calculation of VHF Radio Waves Scattered by Field-aligned Irregularities Associated with Equatorial Plasma Bubbles. IEEJ Transactions on Fundamentals and Materials, 2004, 124, 1253-1254.	0.2	2
285	Comparison of OH rotational temperatures measured by the spectral airglow temperature imager (SATI) and by a tilting-filter photometer. Journal of Atmospheric and Solar-Terrestrial Physics, 2004, 66, 891-897.	0.6	10
286	Simultaneous mesosphere/lower thermosphere and thermosphericFregion observations during geomagnetic storms. Journal of Geophysical Research, 2004, 109, .	3.3	15
287	A statistical study of large-scale traveling ionospheric disturbances using the GPS network in Japan. Journal of Geophysical Research, 2004, 109, .	3.3	148
288	Statistical characteristics of gravity waves observed by an all-sky imager at Darwin, Australia. Journal of Geophysical Research, 2004, 109, .	3.3	53

#	Article	IF	Citations
289	Geomagnetic conjugate observations of medium-scale traveling ionospheric disturbances at midlatitude using all-sky airglow imagers. Geophysical Research Letters, 2004, 31, .	1.5	211
290	Spatial relationship of equatorial plasma bubbles and field-aligned irregularities observed with an all-sky airglow imager and the Equatorial Atmosphere Radar. Geophysical Research Letters, 2004, 31, .	1.5	46
291	Comparative Evaluation of Gastric Carcinoma Staging: Japanese Classification Versus New American Joint Committee on Cancer/International Union Against Cancer Classification. Annals of Surgical Oncology, 2004, 11, 203-206.	0.7	31
292	Video-assisted Thoracoscopic Esophagectomy With a Voice-controlled Robot. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2004, 14, 323-327.	0.4	35
293	Yearly alterations in prognostic factors in gastric cancer during the post-operative period. Anticancer Research, 2004, 24, 377-83.	0.5	2
294	Surgical outcome of serosa-negative advanced gastric carcinoma. Anticancer Research, 2004, 24, 3169-75.	0.5	13
295	Optical and radio measurements of a 630-nm airglow enhancement over Japan on 9 September 1999. Journal of Geophysical Research, 2003, 108, .	3.3	20
296	Damping of large-scale traveling ionospheric disturbances detected with GPS networks during the geomagnetic storm. Journal of Geophysical Research, 2003, 108, .	3.3	70
297	Statistical study of nighttime medium-scale traveling ionospheric disturbances using midlatitude airglow images. Journal of Geophysical Research, 2003, 108, .	3.3	232
298	Ground and satellite observations of nighttime medium-scale traveling ionospheric disturbance at midlatitude. Journal of Geophysical Research, 2003, 108, .	3.3	150
299	Thermospheric wind during a storm-time large-scale traveling ionospheric disturbance. Journal of Geophysical Research, 2003, 108, .	3.3	46
300	A two-channel Fabry-Perot interferometer with thermoelectric-cooled CCD detectors for neutral wind measurement in the upper atmosphere. Earth, Planets and Space, 2003, 55, 271-275.	0.9	41
301	Implication of extended lymph node dissection stratified for advanced gastric cancer. Anticancer Research, 2003, 23, 4181-6.	0.5	11
302	Observations of traveling ionospheric disturbances and 3-m scale irregularities in the nighttime F-region ionosphere with the MU radar and a GPS network. Earth, Planets and Space, 2002, 54, 31-44.	0.9	75
303	Observations and modeling of 630 nm airglow and total electron content associated with traveling ionospheric disturbances over Shigaraki, Japan. Earth, Planets and Space, 2002, 54, 45-56.	0.9	62
304	Imaging observations of the equatorward limit of midlatitude traveling ionospheric disturbances. Earth, Planets and Space, 2002, 54, 57-62.	0.9	55
305	A new technique for mapping of total electron content using GPS network in Japan. Earth, Planets and Space, 2002, 54, 63-70.	0.9	245
306	Plasmaspheric electron content in the GPS ray paths over Japan under magnetically quiet conditions at high solar activity. Earth, Planets and Space, 2002, 54, 71-79.	0.9	43

#	Article	IF	Citations
307	Regional ionosphere map over Japanese Islands. Earth, Planets and Space, 2002, 54, e13-e16.	0.9	40
308	Simultaneous middle and upper atmosphere radar and ionospheric sounder observations of midlatitudeEregion irregularities and sporadicElayer. Journal of Geophysical Research, 2002, 107, SIA 3-1.	3.3	63
309	Geomagnetic conjugate observations of equatorial airglow depletions. Geophysical Research Letters, 2002, 29, 43-1-43-4.	1.5	129
310	A large-scale traveling ionospheric disturbance during the magnetic storm of 15 September 1999. Journal of Geophysical Research, 2002, 107, SIA 5-1.	3.3	81
311	Annual and semiannual variations of the midlatitude ionosphere under low solar activity. Journal of Geophysical Research, 2002, 107, SIA 8-1-SIA 8-10.	3.3	69
312	Traveling ionospheric disturbances detected in the FRONT Campaign. Geophysical Research Letters, 2001, 28, 689-692.	1.5	119
313	Three-channel imaging Fabryâ€“Perot interferometer for measurement of mid-latitude airglow. Applied Optics, 2001, 40, 4286.	2.1	27
314	Imaging observations of midlatitude ionospheric disturbances during the geomagnetic storm of February 12, 2000. Journal of Geophysical Research, 2001, 106, 24481-24492.	3.3	18
315	The IRI's B parameters measured by the MU radar. Advances in Space Research, 2000, 25, 101-104.	1.2	6
316	Annual variations of the ionosphere: A review based on MU radar observations. Advances in Space Research, 2000, 25, 153-162.	1.2	59
317	A study of the forenoon ionosphericF2layer behavior over the middle and upper atmospheric radar. Journal of Geophysical Research, 2000, 105, 15823-15833.	3.3	17
318	A climatology of middle and upper atmosphere radar observations of thermospheric winds. Journal of Geophysical Research, 2000, 105, 12777-12788.	3.3	63
319	Comprehensive imaging observations of midlatitude ionospheric disturbances during storm time substorms. Journal of Geophysical Research, 2000, 105, 27067-27080.	3.3	11
320	Traveling ionospheric disturbances observed in the OI 630-nm nightglow images over Japan by using a Multipoint Imager Network during the FRONT Campaign. Geophysical Research Letters, 2000, 27, 4037-4040.	1.5	64
321	Multi-point observation of short-period mesospheric gravity waves over Japan during the FRONT Campaign. Geophysical Research Letters, 2000, 27, 4057-4060.	1.5	17
322	The height of the maximum ionospheric electron density over the MU radar. Journal of Atmospheric and Solar-Terrestrial Physics, 1999, 61, 1367-1383.	0.6	31
323	Gene 61.3 of Bacteriophage T4 Is the spackle Gene. Virology, 1999, 260, 254-259.	1.1	13
324	Equinoctial asymmetries in the ionosphere and thermosphere observed by the MU radar. Journal of Geophysical Research, 1998, 103, 9481-9495.	3.3	95

#	Article	IF	Citations
325	MU radar observations of H+ions in the topside ionosphere. Journal of Geophysical Research, 1998, 103, 20697-20704.	3.3	2
326	Plasma temperature variations in the ionosphere over the middle and upper atmosphere radar. Journal of Geophysical Research, 1998, 103, 20705-20713.	3.3	38
327	MST radar measurement of ionosphericFregion winds: The â€œlayer windâ€•technique. Radio Science, 1998, 33, 941-948.	0.8	8
328	A climatology of F region gravity wave propagation over the middle and upper atmosphere radar. Journal of Geophysical Research, 1997, 102, 14499-14512.	3.3	117
329	New aspects in the annual variation of the ionosphere observed by the MU Radar. Geophysical Research Letters, 1997, 24, 2287-2290.	1.5	45
330	Middle and upper atmosphere radar observations of the dispersion relation for ionospheric gravity waves. Journal of Geophysical Research, 1995, 100, 23763.	3.3	19
331	Optical and Radio Observations and AMIE/TIEGCM Modeling of Nighttime Traveling Ionospheric Disturbances at Midlatitudes During Geomagnetic Storms. Geophysical Monograph Series, 0, , 271-281.	0.1	4