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	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
2	Statistical study of nighttime medium-scale traveling ionospheric disturbances using midlatitude airglow images. Journal of Geophysical Research, 2003, 108, .	3.3	232
3	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
4	Geomagnetic conjugate observations of medium-scale traveling ionospheric disturbances at midlatitude using all-sky airglow imagers. Geophysical Research Letters, 2004, 31, .	1.5	211
5	Mediumâ€scale traveling ionospheric disturbances detected with dense and wide TEC maps over North America. Geophysical Research Letters, 2007, 34, .	1.5	194
6	A physical mechanism of positive ionospheric storms at low latitudes and midlatitudes. Journal of Geophysical Research, 2010, 115, .	3.3	171
7	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
8	GPS observations of medium-scale traveling ionospheric disturbances over Europe. Annales Geophysicae, 2013, 31, 163-172.	0.6	152
9	Ground and satellite observations of nighttime medium-scale traveling ionospheric disturbance at midlatitude. Journal of Geophysical Research, 2003, 108, .	3.3	150
10	A statistical study of large-scale traveling ionospheric disturbances using the GPS network in Japan. Journal of Geophysical Research, 2004, 109, .	3.3	148
11	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
12	Geomagnetic conjugate observations of equatorial airglow depletions. Geophysical Research Letters, 2002, 29, 43-1-43-4.	1.5	129
13	Climatological study of GPS total electron content variations caused by medium-scale traveling ionospheric disturbances. Journal of Geophysical Research, 2006, 111, .	3.3	120
14	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
15	Traveling ionospheric disturbances detected in the FRONT Campaign. Geophysical Research Letters, 2001, 28, 689-692.	1.5	119
16	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
17	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
18	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

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19	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
20	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
21	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
22	Super plasma fountain and equatorial ionization anomaly during penetration electric field. Journal of Geophysical Research, 2009, 114, .	3.3	102
23	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
24	Geomagnetic conjugate observation of nighttime medium-scale and large-scale traveling ionospheric disturbances: FRONT3 campaign. Journal of Geophysical Research, 2005, 110, .	3.3	96
25	Equinoctial asymmetries in the ionosphere and thermosphere observed by the MU radar. Journal of Geophysical Research, 1998, 103, 9481-9495.	3.3	95
26	Simultaneous appearance of isolated auroral arcs and Pc 1 geomagnetic pulsations at subauroral latitudes. Journal of Geophysical Research, 2008, 113, .	3.3	91
27	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
28	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
29	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
30	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
31	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
32	Global imaging of polar cap patches with dual airglow imagers. Geophysical Research Letters, 2014, 41, 1-6.	1.5	81
33	Comparison of surgical outcomes of gastric cancer in elderly and middle-aged patients. American Journal of Surgery, 2006, 191, 216-224.	0.9	80
34	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
35	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
36	Medium-scale traveling ionospheric disturbances observed by GPS receiver network in Japan: a short review. GPS Solutions, 2007, 11, 139-144.	2.2	75

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37	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
38	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
39	Damping of large-scale traveling ionospheric disturbances detected with GPS networks during the geomagnetic storm. Journal of Geophysical Research, 2003, 108, .	3.3	70
40	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
41	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
42	Surgical Outcomes in Patients with T4 Gastric Carcinoma. Journal of the American College of Surgeons, 2006, 202, 223-230.	0.2	67
43	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
44	Outcomes of Mass Screening for Gastric Carcinoma. Annals of Surgical Oncology, 2006, 13, 221-228.	0.7	65
45	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
46	A climatology of middle and upper atmosphere radar observations of thermospheric winds. Journal of Geophysical Research, 2000, 105, 12777-12788.	3.3	63
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	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
56	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
57	Annual variations of the ionosphere: A review based on MU radar observations. Advances in Space Research, 2000, 25, 153-162.	1.2	59
58	Surgical Outcomes in Esophageal Cancer Patients with Tumor Recurrence After Curative Esophagectomy. Journal of Gastrointestinal Surgery, 2008, 12, 802-810.	0.9	59
59	VHF radar observations of nighttime F-region field-aligned irregularities over Kototabang, Indonesia. Earth, Planets and Space, 2009, 61, 431-437.	0.9	59
60	Enhanced ionospheric plasma bubble generation in more active ITCZ. Geophysical Research Letters, 2016, 43, 2389-2395.	1.5	57
61	Clinicopathologic Characteristics and Surgical Outcomes of Mucinous Gastric Carcinoma. Annals of Surgical Oncology, 2006, 13, 836-842.	0.7	56
62	F₃ layer during penetration electric field. Journal of Geophysical Research, 2008, 113, .	3.3	56
63	Imaging observations of the equatorward limit of midlatitude traveling ionospheric disturbances. Earth, Planets and Space, 2002, 54, 57-62.	0.9	55
64	Time evolution of high-altitude plasma bubbles imaged at geomagnetic conjugate points. Annales Geophysicae, 2004, 22, 3137-3143.	0.6	55
65	Quasiperiodic southward moving waves in 630-nm airglow images in the equatorial thermosphere. Journal of Geophysical Research, 2006, 111, .	3.3	54
66	Ionospheric TEC Weather Map Over South America. Space Weather, 2016, 14, 937-949.	1.3	54
67	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
68	Statistical characteristics of gravity waves observed by an all-sky imager at Darwin, Australia. Journal of Geophysical Research, 2004, 109, .	3.3	53
69	A concentric gravity wave structure in the mesospheric airglow images. Journal of Geophysical Research, 2007, 112, .	3.3	53
70	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
71	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
72	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

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73	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
74	Tumor Diameter as a Prognostic Factor in Patients with Gastric Cancer. Annals of Surgical Oncology, 2008, 15, 1959-1967.	0.7	51
75	Estimating drift velocity of polar cap patches with all-sky airglow imager at Resolute Bay, Canada. Geophysical Research Letters, 2006, 33, .	1.5	50
76	New aspects of thermospheric and ionospheric storms revealed by CHAMP. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	49
77	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
78	Equatorial plasma bubble seeding by MSTIDs in the ionosphere. Progress in Earth and Planetary Science, 2018, 5, .	1.1	48
79	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
80	Thermospheric wind during a storm-time large-scale traveling ionospheric disturbance. Journal of Geophysical Research, 2003, 108, .	3.3	46
81	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
82	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
83	New aspects in the annual variation of the ionosphere observed by the MU Radar. Geophysical Research Letters, 1997, 24, 2287-2290.	1.5	45
84	Developing an Appropriate Staging System for Esophageal Carcinoma. Journal of the American College of Surgeons, 2005, 201, 884-890.	0.2	45
85	Impact of Splenectomy in Patients with Gastric Adenocarcinoma of the Cardia. Journal of Gastrointestinal Surgery, 2007, 11, 1039-1044.	0.9	45
86	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
87	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
88	Longitudinal development of lowâ€latitude ionospheric irregularities during the geomagnetic storms of July 2004. Journal of Geophysical Research, 2010, 115, .	3.3	44
89	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
90	Significance of Long-Term Follow-Up of Early Gastric Cancer. Annals of Surgical Oncology, 2006, 13, 363-369.	0.7	43

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91	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
92	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
93	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
94	Clinical impact of metastatic lymph node ratio in advanced gastric cancer. Anticancer Research, 2005, 25, 1369-75.	0.5	42
95	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
96	Regional ionosphere map over Japanese Islands. Earth, Planets and Space, 2002, 54, e13-e16.	0.9	40
97	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
98	Typhoon-induced concentric airglow structures in the mesopause region. Geophysical Research Letters, 2013, 40, 5983-5987.	1.5	40
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	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
101	Relative effects of electric field and neutral wind on positive ionospheric storms. Earth, Planets and Space, 2009, 61, 439-445.	0.9	39
102	Dynamic temporal evolution of polar cap tongue of ionization during magnetic storm. Journal of Geophysical Research, 2010, 115, .	3.3	39
103	Prokaryotic toxinâ€“antitoxin systems: novel regulations of the toxins. Current Genetics, 2016, 62, 379-382.	0.8	39
104	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
105	Plasma temperature variations in the ionosphere over the middle and upper atmosphere radar. Journal of Geophysical Research, 1998, 103, 20705-20713.	3.3	38
106	Statistical Study of Medium-Scale Traveling Ionospheric Disturbances Observed with a GPS Receiver Network in Japan. , 2011, , 291-299.		38
107	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
108	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

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109	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
110	Video-assisted Thoracoscopic Esophagectomy With a Voice-controlled Robot. Surgical Laparoscopy, Endoscopy and Percutaneous Techniques, 2004, 14, 323-327.	0.4	35
111	Nighttime mediumâ€scale traveling ionospheric disturbances detected by network GPS receivers in Taiwan. Journal of Geophysical Research, 2008, 113, .	3.3	35
112	CME front and severe space weather. Journal of Geophysical Research: Space Physics, 2014, 119, 10,041.	0.8	35
113	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
114	Visualization of rapid electron precipitation via chorus element waveâ€“particle interactions. Nature Communications, 2019, 10, 257.	5.8	35
115	Airglow-imaging observation of plasma bubble disappearance at geomagnetically conjugate points. Earth, Planets and Space, 2015, 67, .	0.9	34
116	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
117	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
118	First threeâ€dimensional simulation of the Perkins instability in the nighttime midlatitude ionosphere. Geophysical Research Letters, 2008, 35, .	1.5	33
119	Motion of polar cap arcs. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	33
120	Disappearance of equatorial plasma bubble after interaction with midâ€latitude mediumâ€scale traveling ionospheric disturbance. Geophysical Research Letters, 2012, 39, .	1.5	33
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	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
123	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
124	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
125	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
126	Generation of large-scale equatorial F-region plasma depletions during lowrange spread-F season. Annales Geophysicae, 2004, 22, 15-23.	0.6	31

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127	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
128	Total Electron Content Observations by Dense Regional and Worldwide International Networks of GNSS. Journal of Disaster Research, 2018, 13, 535-545.	0.4	31
129	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
130	Evidence of gravity wave ducting in the mesopause region from airglow network observations. Geophysical Research Letters, 2013, 40, 601-605.	1.5	30
131	Daytime 150â€km echoes observed with the Equatorial Atmosphere Radar in Indonesia: First results. Geophysical Research Letters, 2008, 35, .	1.5	29
132	The STEL induction magnetometer network for observation of high-frequency geomagnetic pulsations. Earth, Planets and Space, 2010, 62, 517-524.	0.9	29
133	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
134	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
135	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
136	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
137	Ionospheric and thermospheric storms at equatorial latitudes observed by CHAMP, ROCSAT, and DMSP. Journal of Geophysical Research, 2012, 117, .	3.3	28
138	Three-channel imaging Fabryâ€“Perot interferometer for measurement of mid-latitude airglow. Applied Optics, 2001, 40, 4286.	2.1	27
139	Clinical Significance of the Metastatic Lymph-Node Ratio in Early Gastric Cancer. Journal of Gastrointestinal Surgery, 2008, 12, 542-549.	0.9	27
140	Decay of polar cap patch. Journal of Geophysical Research, 2011, 116, .	3.3	27
141	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
142	Diagnostics of equatorial and low latitude ionosphere by TEC mapping over Brazil. Advances in Space Research, 2014, 54, 385-394.	1.2	27
143	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
144	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

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145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	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
156	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
157	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
158	Ionospheric and geomagnetic disturbances during the 2005 Sumatran earthquakes. Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1992-2005.	0.6	23
159	Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes. Journal of Geophysical Research, 2012, 117, .	3.3	23
160	Characteristics of equatorial gravity waves derived from mesospheric airglow imaging observations. Annales Geophysicae, 2009, 27, 1625-1629.	0.6	22
161	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
162	Reorganization of polar cap patches through shears in the background plasma convection. Journal of Geophysical Research, 2010, 115, .	3.3	21

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163	Rapid Degradation of Host mRNAs by Stimulation of RNase E Activity by Srd of Bacteriophage T4. Genetics, 2015, 201, 977-987.	1.2	21
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