

number	full reference	year
1	Shiokawa, K., Y. Katoh, M. Satoh, M. K. Ejiri, T. Ogawa, T. Nakamura, T. Tsuda, R. H. Wiens, Development of optical mesosphere thermosphere imagers (OMTI), <i>Earth, Planets, and Space</i> , 51, 887–896, 1999.	1999
2	Katoh, Y., K. Shiokawa, M. Satoh, M. K. Ejiri, T. Ogawa, Calibration of all-sky cameras and tilting-photometers using an integrating-sphere and a spectrometer, <i>Antarctic Record</i> , 43, 1–15, 1999.	1999
3	Kubota, M., M. Ishii, K. Shiokawa, M. K. Ejiri, and T. Ogawa, Height measurements of nightglow structures observed by all-sky imagers, <i>Adv. Space Res.</i> , 24, 593–596, 1999.	1999
4	Shiokawa, K., Y. Katoh, M. Satoh, M. K. Ejiri, and T. Ogawa, Integrating-sphere calibration of all-sky cameras for nightglow measurements, <i>Adv. Space Res.</i> , 26, 1025–1028, 2000.	2000
5	Shiokawa, K., Y. Otsuka, T. Ogawa, K. Igarashi, S. Miyazaki, F. J. Rich, A. Saito, K. Yumoto, Comprehensive imaging observations of mid-latitude ionospheric disturbances during storm time substorms, <i>J. Geophys. Res.</i> , 105, 27,067–27,080, 2000.	2000
6	Shiokawa, K. and Y. Kiyama, A search for the springtime transition of lower thermospheric atomic oxygen using long-term midlatitude airglow data, <i>J. Atmos. Solar Terr. Phys.</i> , 62, 1215–1219, 2000.	2000
7	Shiokawa, K., M. K. Ejiri, T. Ogawa, and T. Nakamura, Distant lunar sodium tail observed in the Japanese local-time sector during the Leonid meteor shower of 1998, <i>J. Geophys. Res.</i> , 105, 24,621–24,626, 2000.	2000
8	Shiokawa, K., M. K. Ejiri, Y. Otsuka, T. Ogawa, M. Kubota, K. Igarashi, A. Saito, and T. Nakamura, Multi-point observations of short-period mesospheric gravity waves over Japan during the FRONT campaign, <i>Geophys. Res. Lett.</i> , 24, 4057–4060, 2000.	2000
9	Kubota, M., K. Shiokawa, M. K. Ejiri, Y. Otsuka, T. Ogawa, T. Sakanoi, H. Fukunishi, M. Yamamoto, S. Fukao, and A. Saito, Traveling ionospheric disturbances observed in the OI 630-nm nightglow images over Japan by using a multi-point imager network during the FRONT campaign, <i>Geophys. Res. Lett.</i> , 24, 4037–4040, 2000.	2000
10	Shiokawa, K., T. Kadota, M. K. Ejiri, Y. Otsuka, Y. Katoh, M. Satoh, and T. Ogawa, Three-channel imaging Fabry-Perot interferometer for midlatitude airglow measurement, <i>Appl. Opt.</i> , 40, 4286–4296, 2001.	2001
11	Shiokawa, K., T. Ogawa, H. Oya, F. J. Rich, and K. Yumoto, A stable auroral red (SAR) arc observed over Japan after an interval of very weak solar wind, <i>J. Geophys. Res.</i> , 106, 26,091–26,101, 2001.	2001
12	Saito, A., M. Nishimura, M. Yamamoto, M. Kubota, K. Shiokawa, Y. Otsuka, T. Tsugawa, S. Fukao, T. Ogawa, M. Ishii, T. Sakanoi, and S. Miyazaki, Traveling ionospheric disturbances detected in the FRONT campaign, <i>Geophys. Res. Lett.</i> , 28, 689–692, 2001.	2001
13	Sahai, Y., K. Shiokawa, Y. Otsuka, C. Ihara, T. Ogawa, K. Igarashi, S. Miyazaki, and T. Saito, Imaging observations of mid-latitude ionospheric disturbances during the geomagnetic storm on February 12, 2000, <i>J. Geophys. Res.</i> , 106, 24,481–24,492, 2001.	2001
14	Ejiri, M. K., K. Shiokawa, T. Ogawa, T. Nakamura, R. Maekawa, T. Tsuda, and M. Kubota, Observations of small-scale gravity waves near the mesopause obtained from four all-sky CCD imagers and the MU radar, <i>J. Geophys. Res.</i> , 106, 22,793–22,799, 2001.	2001
15	Nakamura, T., T. Tsuda, R. Maekawa, M. Tsutsumi, K. Shiokawa, and T. Ogawa, Seasonal variation of gravity waves with various temporal and horizontal scales in the MLT region observed with radar and airglow imaging, <i>Adv. Space Res.</i> , 27, 1737–1742, 2001.	2001
16	Shiokawa, K., Y. Otsuka, M. K. Ejiri, Y. Sahai, T. Kadota, C. Ihara, T. Ogawa, K. Igarashi, S. Miyazaki, and A. Saito, Imaging observations of the equatorward limit of midlatitude traveling ionospheric disturbances, <i>Earth Planets Space</i> , 54, 57–62, 2002.	2002
17	Shiokawa, K., Y. Otsuka, T. Ogawa, N. Balan, K. Igarashi, A. J. Ridley, D. J. Knipp, A. Saito, and K. Yumoto, A large-scale traveling ionospheric disturbance during the magnetic storm of September 15, 1999, <i>J. Geophys. Res.</i> , 107(A6), 10.1029/2001JA000245, 2002.	2002
18	Shiokawa, K., Y. Katoh, M. Satoh, T. Ogawa, M. Taguchi, and H. Yamagishi, A new auroral spectrometer using an acousto-optic tunable filter, <i>Advances in Polar Upper Atmosphere Research</i> , National Institute of Polar Research, Japan, No.16, 146–156, 2002.	2002
19	Ogawa, T., N. Balan, Y. Otsuka, K. Shiokawa, C. Ihara, T. Shimomai, and A. Saito, Observations and modeling of 630 nm airglow and total electron content associated with traveling ionospheric disturbances over Shigaraki, Japan, <i>Earth Planets Space</i> , 54, 45–56, 2002.	2002
20	Ejiri, M. K., K. Shiokawa, T. Ogawa, M. Kubota, T. Nakamura, and T. Tsuda, Dual-site imaging observations of small-scale wave structures through OH and OI nightglow emissions, <i>Geophys. Res. Lett.</i> , 29, No.10, 10.1029/2001GL014257, 2002.	2002

21	Iwagami, N., T. Shibaki, T. Suzuki, Y. Yamada, H. Onishi, Y. Takahashi, H. Yamamoto, H. Sekiguchi, K. Mori, Y. Sano, M. Kubota, Y. Murayama, M. Ishii, K.-I. Oyama, R. Yoshimura, M. Shimoyama, Y. Koizumi, K. Shiokawa, N. Takegawa, and T. Nakamura, The WAVE2000 campaign: Overview and preliminary results, <i>J. Atmos. Solar-Terr. Phys.</i> , 64, 1095–1104, 2002.	2002
22	Otsuka, Y., K. Shiokawa, T. Ogawa, and P. Wilkinson, Geomagnetic conjugate observations of equatorial airglow depletions <i>Geophys. Res. Lett.</i> , 29, No.15, 43–1–4, doi:10.1029/2002GL015347, 2002.	2002
23	Gavrilov, N. M., K. Shiokawa, and T. Ogawa, Seasonal variations of medium-scale gravity wave parameters in the lower thermosphere obtained from spectral airglow temperature imager observations at Shigaraki, Japan, <i>J. Geophys. Res.</i> , 107(D24), 4755, doi:10.1029/2001JD001469, 2002.	2002
24	Shiokawa, K., M. K. Ejiri, T. Ogawa, Y. Yamada, H. Fukunishi, K. Igarashi, and T. Nakamura, A localized structure in OH airglow images near the mesopause region, <i>J. Geophys. Res.</i> , 108(D2), 4048, doi:10.1029/2002JD002462, 2003.	2003
25	Shiokawa, K., C. Ihara, Y. Otsuka, and T. Ogawa, Statistical study of nighttime medium-scale traveling ionospheric disturbances using midlatitude airglow images, <i>J. Geophys. Res.</i> , 108(A1), 1052, doi:10.1029/2002JA009491, 2003.	2003
26	Shiokawa, K., Y. Otsuka, C. Ihara, T. Ogawa, and F. J. Rich, Ground and satellite observations of nighttime medium-scale traveling ionospheric disturbance at midlatitude, <i>J. Geophys. Res.</i> , 108(A4), 1145, doi:10.1029/2002JA009639, 2003.	2003
27	Shiokawa, K., T. Kadota, Y. Otsuka, T. Ogawa, T. Nakamura, and S. Fukao, A two-channel Fabry–Perot interferometer with thermoelectric-cooled CCD detectors for neutral wind measurement in the upper atmosphere, <i>Earth Planets Space</i> , 55, 271–275, 2003.	2003
28	Shiokawa, K., Y. Otsuka, T. Ogawa, S. Kawamura, M. Yamamoto, S. Fukao, T. Nakamura, T. Tsuda, N. Balan, K. Igarashi, G. Lu, A. Saito, and K. Yumoto, Thermospheric wind during a storm-time large-scale traveling ionospheric disturbance, <i>J. Geophys. Res.</i> , 108(A12), 1423, doi:10.1029/2003JA010001, 2003.	2003
29	Otsuka, Y., T. Kadota, K. Shiokawa, T. Ogawa, S. Kawamura, S. Fukao, and S.-R. Zhang, Optical and radio measurements of a 630-nm airglow enhancement propagating over Japan on September 9, 1999, <i>J. Geophys. Res.</i> , 108 (A6), 1252, doi:10.1029/2002JA009594, 2003.	2003
30	Ejiri, M. K., K. Shiokawa, T. Ogawa, K. Igarashi, T. Nakamura, and T. Tsuda, Statistical study of short-period gravity waves in OH and OI nightglow images at two separated sites, <i>J. Geophys. Res.</i> , 108 (D21), 4679, doi:10.1029/2002JD002795, 2003.	2003
31	Shiokawa, K., Y. Otsuka, T. Ogawa, H. Takahashi, T. Nakamura, and T. Shimomai, Comparison of OH rotational temperatures measured by the Spectral Airglow Temperature Imager (SATI) and by a tilting-filter photometer, <i>J. Atmos. Solar-Terr. Phys.</i> , 66, 891–897, 2004.	2004
32	Shiokawa, K., Y. Otsuka, T. Ogawa, and P. Wilkinson, Time evolution of high-altitude plasma bubbles imaged at geomagnetic conjugate points, <i>Ann. Geophys.</i> , 22, 3137–3143, 2004.	2004
33	Fujii, J., T. Nakamura, T. Tsuda, and K. Shiokawa, Comparison of winds measured by MU radar and Fabry–Perot interferometer and effect of OI5577 airglow height variations, <i>J. Atmos. Solar-Terr. Phys.</i> , 66, 573–583, 2004.	2004
34	Takahashi, H., T. Nakamura, K. Shiokawa, T. Tsuda, L. M. Lima, and D. Gobbi, Atmospheric density and pressure inferred from the meteor diffusion coefficient and airglow O2b temperature in the MLT region, <i>Earth Planets Space</i> , 56, 249–258, 2004.	2004
35	Suzuki, S., K. Shiokawa, Y. Otsuka, T. Ogawa, and P. J. Wilkinson, Statistical characteristics of gravity waves observed by an all-sky imager at Darwin, Australia, <i>J. Geophys. Res.</i> , 109, D20S07, doi:10.1029/2003JD004336, 2004.	2004
36	Otsuka, Y., K. Shiokawa, T. Ogawa, and P. Wilkinson, Geomagnetic conjugate observations of medium-scale traveling ionospheric disturbances at midlatitude using all-sky airglow imagers, <i>Geophys. Res. Lett.</i> , L15803, doi:10.1029/2004GL020262, 2004.	2004
37	Otsuka, Y., K. Shiokawa, T. Ogawa, T. Yokoyama, M. Yamamoto, and S. Fukao, Spatial relationship of equatorial plasma bubbles and field-aligned irregularities observed with an all-sky airglow imager and the Equatorial Atmosphere Radar, <i>Geophys. Res. Lett.</i> , 31, L20802, doi:10.1029/2004GL020869, 2004.	2004
38	Nakazawa, Y., T. Okada, and K. Shiokawa, Understanding the "SEKKI" phenomena in Japanese historical literatures based on the modern science of low-latitude aurora, <i>Earth Planets Space</i> , Vol. 56 (No. 12), pp. e41–e44, 2004.	2004
39	Shiokawa, K., T. Ogawa, and Y. Kamide, Low-latitude auroras observed in Japan: 1999–2004, <i>J. Geophys. Res.</i> , 110, A05202, doi:10.1029/2004JA010706, 2005.	2005

40	Shiokawa, K., Y. Otsuka, T. Tsugawa, T. Ogawa, A. Saito, K. Ohshima, M. Kubota, T. Maruyama, T. Nakamura, M. Yamamoto, and P. Wilkinson, Geomagnetic conjugate observation of nighttime medium-scale and large-scale traveling ionospheric disturbances: FRONT3 campaign, <i>J. Geophys. Res.</i> , 110, A05303, doi:10.1029/2004JA010845, 2005.	2005
41	Iwagami, N., S. Ohtsuki, M. Akojima, M. Kubota, Y. Murayama, S. Kawamura, R. Yoshimura, T. Nakamura, H. Yamamoto, H. Sekiguchi, N. Kimura, K. Shiokawa, T. Okada, K. Ishisaka, Y. Ashihara, Y. Kaiho, M. Abo, T. Abe, Y. Koizumi, and K.-I. Oyama, Waves in airglow structures experiment 2004: Overview and preliminary results, <i>Adv. Space Res.</i> , vol.35, no.11, 1964–1970, 2005.	2005
42	Ogawa, T., E. Sagawa, Y. Otsuka, K. Shiokawa, T. J. Immel, S. B. Mende, and P. Wilkinson, Simultaneous ground- and satellite-based airglow observations of geomagnetic conjugate plasma bubbles in the equatorial anomaly, <i>Earth Planets Space</i> , 57, 385–392, 2005.	2005
43	Takahashi, H., C. M. Wrassse, D. Gobbi, T. Nakamura, K. Shiokawa, and L. M. Lima, Airglow OH emission height inferred from the OH temperature and meteor trail diffusion coefficient, <i>Adv. Space Res.</i> , vol.35, No.11, 1940–1944, 2005.	2005
44	Onoma, F., Y. Otsuka, K. Shiokawa, T. Ogawa, M. Yamamoto, S. Fukao, and S. Saito, Relationship between propagation direction of gravity waves in OH and OI airglow images and VHF radar echo occurrence during the SEEK-2 campaign, <i>Ann. Geophys.</i> , 23, 2385–2390, 2005.	2005
45	Ogawa, T., Y. Otsuka, F. Onoma, K. Shiokawa, and M. Yamamoto, The first coordinated observations of mid-latitude E-region quasi-periodic radar echoes and lower thermospheric 557.7-nm airglow, <i>Ann. Geophys.</i> , 23, 2391–2399, 2005.	2005
46	Nakata, H., I. Nagashima, K. Sakata, Y. Otsuka, Y. Akaike, T. Takano, S. Shimakura, K. Shiokawa, and T. Ogawa (2005), Observations of equatorial plasma bubbles using broadcast VHF radio waves, <i>Geophys. Res. Lett.</i> , 32, L17110, doi:10.1029/2005GL023243.	2005
47	Sahai, Y., P. R. Fagundes, F. Becker-Guedes, M. J. A. Bolzan, J. R. Abalde, V. G. Pillat, R. de Jesus, A. G. R. Mokodsi, W. L. C. Lima, H. T. Lan, J. W. MacDougall, K. Igarashi, K. Shiokawa, G. Crowley, and J. A. Bittencourt, Effects of the major geomagnetic storms of October 2003 on the equatorial and low-latitude F region in two longitudinal sectors, <i>J. Geophys. Res.</i> , 110, A12S91, doi:10.1029/2004JA010999, 2005.	2005
48	Shiokawa, K., Y. Otsuka, and T. Ogawa, Quasiperiodic southward moving waves in 630-nm airglow images in the equatorial thermosphere, <i>J. Geophys. Res.</i> , 111, A06301, doi:10.1029/2005JA011406, 2006.	2006
49	Shiokawa, K., S. Suzuki, Y. Otsuka, T. Ogawa, T. Nakamura, M. G. Mlynczak, and J. M. Russell III, A multi-instrument measurement of a mesospheric front-like structure at the equator, <i>J. Meteor. Soc. Japan</i> , Vol. 84A, pp. 305–316, 2006.	2006
50	Ogawa, T., Y. Otsuka, K. Shiokawa, A. Saito, and M. Nishioka, Ionospheric disturbances over Indonesia and their possible association with atmospheric gravity waves from the troposphere, <i>J. Meteor. Soc. Japan</i> , Vol. 84A, pp. 327–342, 2006.	2006
51	Kubota, M., S. Kawamura, M. Abo, Y. Koizumi, Y. Murayama, M. Yamamori, K. Shiokawa, Y. Otsuka, M. Uchiumi, K. Igarashi, T. Abe, K.-I. Oyama, and N. Iwagami, A fast-propagating, large-scale atmospheric gravity wave observed in the WAVE2004 campaign, <i>J. Geophys. Res.</i> , 111, D21110, doi:10.1029/2005JD006788, 2006.	2006
52	Hosokawa, K., K. Shiokawa, Y. Otsuka, A. Nakajima, T. Ogawa, and J. D. Kelly, Estimating drift velocity of polar cap patches with all-sky airglow imager at Resolute Bay, Canada, <i>Geophys. Res. Lett.</i> , vol. 33, L15111, doi:10.1029/2006GL026916, 2006.	2006
53	Takahashi, H., C. M. Wrassse, D. Pancheva, M. A. Abdu, I. S. Batista, L. M. Lima, , P. P. Batista, B. R. Clemesha, K. Shiokawa, Signatures of 3–6 day planetary waves in the equatorial mesosphere and ionosphere, <i>Ann. Geophys.</i> , 24, 3343–3350,, 2006.	2006
54	Shiokawa, K., S. Suzuki, Y. Otsuka, T. Ogawa, T. Nakamura, and T. Horinouchi, An intense gravity wave near the mesopause region observed by a Fabry-Perot interferometer and an airglow imager, <i>J. Geophys. Res.</i> , 112, D07106, doi:10.1029/2006JD007385, 2007.	2007
55	Shiokawa, K., G. Lu, Y. Otsuka, T. Ogawa, M. Yamamoto, N. Nishitani, and N. Sato, Ground observation and AMIE-TIEGCM modeling of a storm-time traveling ionospheric disturbance, <i>J. Geophys. Res.</i> , 112, A05308, doi:10.1029/2006JA011772, 2007.	2007
56	Shiokawa, K., Y. Otsuka, S. Suzuki, T. Katoh, Y. Katoh, M. Satoh, T. Ogawa, H. Takahashi, D. Gobbi, T. Nakamura, B. P. Williams, C.-Y. She, M. Taguchi, and T. Shimomai, Development of airglow temperature photometers with cooled-CCD detectors, <i>Earth Planets Space</i> , 59, 585–599, 2007.	2007

57	Suzuki, S., K. Shiokawa, Y. Otsuka, T. Ogawa, K. Nakamura, and T. Nakamura, A concentric gravity wave structure in the mesospheric airglow images, <i>J. Geophys. Res.</i> , 112, D02102, doi:10.1029/2005JD006558, 2007	2007
58	Sakaguchi, K., K. Shiokawa, A. Ieda, Y. Miyoshi, Y. Otsuka, T. Ogawa, M. Connors, E. F. Donovan, and F. J. Rich, Simultaneous ground and satellite observations of an isolated proton arc at subauroral latitudes, <i>J. Geophys. Res.</i> , 112, A04202, doi:10.1029/2006JA012135, 2007.	2007
59	Otsuka, Y., F. Onoma, K. Shiokawa, T. Ogawa, M. Yamamoto, and S. Fukao, Simultaneous observations of nighttime medium-scale traveling ionospheric disturbances and E region field-aligned irregularities at midlatitude, <i>J. Geophys. Res.</i> , 112, A06317, doi:10.1029/2005JA011548, 2007.	2007
60	Suzuki, S., K. Shiokawa, Y. Otsuka, T. Ogawa, M. Kubota, M. Tsutsumi, T. Nakamura, and D. C. Fritts, Gravity wave momentum flux in the upper mesosphere derived from OH airglow imaging measurements, <i>Earth Planets Space</i> , 59, 421–428, 2007.	2007
61	Shiokawa, K., T. Tsugawa, Y. Otsuka, T. Ogawa, G. Lu, A. Saito, and M. Yamamoto, Optical and radio observations and AMIE/TIEGCM modeling of nighttime traveling ionospheric disturbances at mid-latitudes during geomagnetic storms, AGU monograph on Mid-Latitude Ionospheric Dynamics and Disturbances, 271–281, 2008.	2008
62	Shiokawa, K., Y. Otsuka, N. Nishitani, T. Ogawa, T. Tsugawa, T. Maruyama, S. E. Smirnov, V. V. Bychkov, and B. M. Shevtsov, Northeastward motion of nighttime medium-scale traveling ionospheric disturbances at middle latitudes observed by an airglow imager, <i>J. Geophys. Res.</i> , 113, A12312, doi:10.1029/2008JA013417, 2008.	2008
63	Sakaguchi, K., K. Shiokawa, Y. Miyoshi, Y. Otsuka, T. Ogawa, K. Asamura, and M. Connors, Simultaneous appearance of isolated auroral arcs and Pc 1 geomagnetic pulsations at subauroral latitudes, <i>J. Geophys. Res.</i> , 113, A05201, doi:10.1029/2007JA012888, 2008.	2008
64	Suzuki H., K. Shiokawa, M. Tsutsumi, T. Nakamura and M. Taguchi, Atmospheric gravity waves identified by ground-based observations of the intensity and rotational temperature of OH airglow, <i>Polar Science</i> , 2, 1–8, 2008.	2008
65	Miyoshi, Y., K. Sakaguchi, K. Shiokawa, D. Evans, J. Albert, M. Connors, and V. Jordanova, Precipitation of radiation belt electrons by EMIC waves, observed from ground and space, <i>Geophys. Res. Lett.</i> , 35, doi:10.1029/2008GL035727, 2008.	2008
66	Shiokawa, K., K. Hosokawa, K. Sakaguchi, A. Ieda, Y. Otsuka, T. Ogawa and M. Connors, The Optical Mesosphere Thermosphere Imagers (OMTIs) for network measurements of aurora and airglow, Future Perspectives of Space Plasma and Particle Instrumentation and International Collaborations, AIP Conference proceedings, edited by M. Hirahara, Y. Miyoshi, N. Terada, I. Shinohara, and T. Mukai, AIP Conference proceedings, pp.212–215, doi:10.1063/1.3169292, 2009.	2009
67	Shiokawa, K., Y. Otsuka, and T. Ogawa, Propagation characteristics of nighttime mesospheric and thermospheric waves observed by optical mesosphere thermosphere imagers at middle and low latitudes, <i>Earth Planets Space</i> , 61, 479–491, 2009.	2009
68	Suzuki, S., K. Shiokawa, K. Hosokawa, K. Nakamura, and W. K. Hocking, Statistical characteristics of polar cap mesospheric gravity waves observed by an all-sky airglow imager at Resolute Bay, Canada, <i>J. Geophys. Res.</i> , 114, A01311, doi:10.1029/2008JA013652, 2009.	2009
69	Hosokawa, K., K. Shiokawa, Y. Otsuka, and T. Ogawa, J. P. St-Maurice, G. J. Sofko, and D. A. Andre, 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>J. Geophys. Res.</i> , 114, A03306, doi:10.1029/2008JA013707, 2009.	2009
70	Otsuka, Y., K. Shiokawa, T. Ogawa, T. Yokoyama, and M. Yamamoto, 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 MU radar, <i>J. Geophys. Res.</i> , 114, A05302, doi:10.1029/2008JA013902, 2009.	2009
71	Ogawa, T., N. Nishitani, Y. Otsuka, K. Shiokawa, T. Tsugawa, and K. Hosokawa, Medium-scale traveling ionospheric disturbances observed with the SuperDARN Hokkaido radar, all-sky imager and GPS network, and their relation to concurrent sporadic-E irregularities, <i>J. Geophys. Res.</i> , 114, A03316, doi:10.1029/2008JA013893, 2009.	2009
72	Hosokawa, K., T. Kashimoto, S. Suzuki, K. Shiokawa, Y. Otsuka and T. Ogawa, Motion of polar cap patches: A statistical study with all-sky airglow imager at Resolute Bay, Canada, <i>J. Geophys. Res.</i> , 114, A04318, doi:10.1029/2008JA014020, 2009.	2009
73	Hosokawa, K., T. Tsugawa, K. Shiokawa, Y. Otsuka, T. Ogawa, and M. R. Hairston, Unusually elongated, bright airglow plume in the polar cap F region: Is it a tongue of ionization?, <i>Geophys. Res. Lett.</i> , 36, L07103, doi:10.1029/2009GL037512, 2009.	2009

74	Suzuki, S., K. Shiokawa, Y. Otsuka, T. Ogawa, T. Nakamura, and A.Z. Liu, Characteristics of equatorial gravity waves derived from mesospheric airglow imaging observations, <i>Ann. Geophys.</i> , 27, 1625–1629, 2009.	2009
75	Saroso, S., K. Hattori, H. Ishikawa, Y. Ida, R. Shirogane, M. Hayakawa, K. Yumoto, K. Shiokawa, and M. Nishihashi, ULF geomagnetic anomalous changes possibly associated with 2004–2005 Sumatra earthquakes, <i>Phys. Chem. Earth</i> , 34, 343–349, 2009.	2009
76	Ogawa, T., Y. Otsuka, K. Shiokawa, T. Tsugawa, A. Saito, K. Hoshinoo, K. Matunaga, M. Kubota, and M. Ishii, Medium-scale traveling ionospheric disturbances and plasma bubbles observed by an all-sky airglow at Yonaguni, Japan, <i>Terr. Atmos. Ocean Sci.</i> , 20, 287–295, doi:10.3319/TAO.2007.12.06.02(F3C), 2009.	2009
77	Takahashi, H., M. A. Abdu, C. M. Wrassse, J. Fechine, I. S. Batista, D. Pancheva, L. M. Lima, P. P. Batista, B. R. Clemesha, K. Shiokawa, D. Gobbi, M. G. Mlynczak, and J. M. Russell, Possible influence of ultra-fast Kelvin wave on the equatorial ionosphere evening uplifting, <i>Earth Planets Space</i> , 61, 455–462, 2009.	2009
78	Ogawa, T., Y. Miyoshi, Y. Otsuka, T. Nakamura, and K. Shiokawa, Equatorial GPS ionospheric scintillations over Kototabang, Indonesia and their relation to atmospheric waves from below, <i>Earth Planets Space</i> , 61(4), 397–410, 2009.	2009
79	Suzuki, S., K. Hosokawa, T. F. Shibata, K. Shiokawa, Y. Otsuka, N. Nishitani, T. Ogawa, A. V. Koustov, and B. M. Shevtsov, Coordinated observations of nighttime medium-scale traveling ionospheric disturbances in 630-nm airglow and HF radar echoes at midlatitudes, <i>J. Geophys. Res.</i> , 114, A07312, doi:10.1029/2008JA013963, 2009.	2009
80	Koustov, A., N. Nishitani, K. Shiokawa, S. Suzuki, and B.M. Shevtsov, Joint observations of a traveling ionospheric disturbance with the Paratunka OMTI camera and the Hokkaido HF radar, <i>Ann. Geophys.</i> , 27, 2399–2406, 2009.	2009
81	Hosokawa, K., J. P. St-Maurice, G. J. Sofko, K. Shiokawa, Y. Otsuka, T. Ogawa, Reorganization of polar cap patches through shears in the background plasma convection, <i>J. Geophys. Res.</i> , 115, A01303, doi:10.1029/2009JA014599, 2010.	2010
82	Suzuki, S., T. Nakamura, M. K. Ejiri, M. Tsutsumi, K. Shiokawa, T. Kawahara, Simultaneous airglow, lidar, and radar measurements of mesospheric gravity waves over Japan, <i>J. Geophys. Res.</i> , 115, D24113, doi:10.1029/2010JD014674, 2010.	2010
83	Oyama, S., K. Shiokawa, J. Kurihara, T. T. Tsuda, S. Nozawa, Y. Ogawa, Y. Otsuka, and B. J. Watkins, Lower-thermospheric wind fluctuations measured with an FPI in pulsating aurora at Tromsø, Norway, <i>Ann. Geophys.</i> , 28, 1847–1857, 2010.	2010
84	Hosokawa, K., T. Tsugawa, K. Shiokawa, Y. Otsuka, N. Nishitani, T. Ogawa and M. Hariston, Dynamic temporal evolution of polar cap tongue of ionization during magnetic storm, <i>J. Geophys. Res.</i> , 115, A12333, doi:10.1029/2010JA015848, 2010.	2010
85	Miyoshi, Y., K. Seki, K. Shiokawa, T. Ono, Y. Kasaba, A. Kumamoto, M. Hirahara, T. Takashima, K. Asamura, A. Matsuoka, T. Nagatsuma, and ERG working group, Geospace Exploration Mission: ERG project, <i>Trans. of the Japan Society for Aeronautical and Space Sci., Aerospace Technology</i> , Japan, vol.8, No.ISTS27 (ISTS Special Issue: Selected papers from the 27th International Symposium on Space Technology and Science), 2010.	2010
86	Hosokawa, K., J. I. Moen, K. Shiokawa, and Y. Otsuka, Motion of polar cap arcs, <i>J. Geophys. Res.</i> , 116, A01305, doi:10.1029/2010JA015906, 2011.	2011
87	Adachi, T., Y. Otsuka, M. Yamaoka, M. Yamamoto, K. Shiokawa, A. B. Chen, and R. Hsu, First satellite-imaging observation of medium-scale traveling ionospheric disturbances by FORMOSAT-2/ISUAL, <i>Geophys. Res. Lett.</i> , 38, L04101, doi:10.1029/2010GL046268, 2011.	2011
88	Hosokawa, K., J. Moen, K. Shiokawa, and Y. Otsuka, Decay of polar cap patch, <i>J. Geophys. Res.</i> , 116, A05306, doi:10.1029/2010JA016297, May 10, 2011.	2011
89	Takahashi, H., A. Onohara, K. Shiokawa, F. Vargas, and D. Gobbi, Atmospheric wave induced O ₂ and OH airglow intensity variations: effect of vertical wavelength and damping, <i>Ann. Geophys.</i> , 29, 1–7, 2011.	2011
90	Lynn, K. J. W., Y. Otsuka, and K. Shiokawa, Simultaneous observations at Darwin of equatorial bubbles by ionosonde-based range/time displays and airglow imaging, <i>Geophys. Res. Lett.</i> , doi:10.1029/2011GL049856, 38, L23101, 2011.	2011
91	Shiokawa, K., Y. Otsuka, S. Oyama, S. Nozawa, M. Satoh, Y. Katoh, Y. Hamaguchi, Y. Yamamoto and J. Meriwether, Development of low-cost sky-scanning Fabry-Perot interferometers for airglow and auroral studies, <i>Earth Planets Space</i> , vol.64, no.11, 1033–1046, 2012.	2012
92	Shiokawa, K., M. Mori, Y. Otsuka, S. Oyama, and S. Nozawa, Motion of high-latitude nighttime medium-scale traveling ionospheric disturbances associated with auroral brightening, <i>J. Geophys. Res.</i> , 117, A10316, doi:10.1029/2012JA017928, 2012.	2012

93	Nomura, R., K. Shiokawa, K. Sakaguchi, Y. Otsuka, and M. Connors, Polarization of Pc1/EMIC waves and related proton auroras observed at subauroral latitudes, <i>J. Geophys. Res.</i> , 117, A02318, doi:10.1029/2011JA017241, 2012.	2012
94	Dahlgren, H., J. L. Semeter, K. Hosokawa, M. J. Nicolls, T. W. Butler, M. G. Johnsen, and K. Shiokawa, Direct Three-dimensional Imaging of Polar Ionospheric Structures with the Resolute Bay Incoherent Scatter Radar, <i>Geophys. Res. Lett.</i> , Vol. 39, No. 5, L05104, doi:10.1029/2012GL050895, 2012.	2012
95	Koustov, A. V., K. Hosokawa, N. Nishitani, K. Shiokawa, and H. Liu, Signatures of moving polar cap arcs in the F-region PolarDARN echoes, <i>Ann. Geophys.</i> , 30, 441–455, 2012.	2012
96	Otsuka, Y., K. Shiokawa, and T. Ogawa, Disappearance of equatorial plasma bubble after interaction with mid-latitude medium-scale traveling ionospheric disturbance, <i>Geophys. Res. Lett.</i> , 39, L14105, doi:10.1029/2012GL052286, 2012.	2012
97	Fukushima, D., K. Shiokawa, Y. Otsuka, and T. Ogawa (2012), Observation of equatorial nighttime medium-scale traveling ionospheric disturbances in 630-nm airglow images over 7 years, <i>J. Geophys. Res.</i> , 117, A10324, doi:10.1029/2012JA017758.	2012
98	Dahlgren, H., G. W. Perry, J. L. Semeter, J.-P. St.-Maurice, K. Hosokawa, M. J. Nicolls, M. Greffen, K. Shiokawa, and C. Heinselman, Space-time variability of polar cap patches: Direct evidence for internal plasma structuring, <i>J. Geophys. Res.</i> , 117, A09312, doi:10.1029/2012JA017961, 2012.	2012
99	Shiokawa, K., Y. Miyoshi, P. C. Brandt, D. S. Evans, H. U. Frey, J. Goldstein, and K. Yumoto, Ground and satellite observations of low-latitude red auroras at the initial phase of magnetic storms, <i>J. Geophys. Res.</i> , 118, 256–270, doi:10.1029/2012JA018001, 2013.	2013
100	Shiokawa, K., M. Mori, Y. Otsuka, S. Oyama, S. Nozawa, S. Suzuki, and M. Connors, Observation of nighttime medium-scale travelling ionospheric disturbances by two 630-nm airglow imagers near the auroral zone, <i>J. Atmos. Solar-Terr. Phys.</i> , 103, 184–194, 2013.	2013
101	Suzuki, S., K. Shiokawa, Y. Otsuka, S. Kawamura, and Y. Murayama, Evidence of gravity wave ducting in the mesopause region from airglow network observations, <i>Geophys. Res. Lett.</i> , 40, 601–605, doi:10.1029/2012GL054605, 2013.	2013
102	Nishioka, M., T. Maruyama, Y. Otsuka, T. Tsugawa, H. Ishibashi, K. Shiokawa, and M. Ishii, Comparison of meridional thermospheric winds observed by ionosondes and Fabry-Perot interferometers (in Japanese), <i>Antarctic Record</i> , 57(No.3), 357–368, 2013.	2013
103	Lynn, K. J. W., Y. Otsuka, K. Shiokawa, Ionogram-based range-time displays for observing relationships between ionosonde satellite traces, spread F and drifting optical plasma depletions, <i>J. Atmos. Solar-Terr. Phys.</i> , 98, 105–112, doi:10.1016/j.jastp.2013.03.020, 2013.	2013
104	Nishimura, Y., L. R. Lyons, K. Shiokawa, V. Angelopoulos, E. F. Donovan, and S. B. Mende, Substorm onset and expansion phase intensification precursors seen in polar cap patches and arcs, <i>J. Geophys. Res.</i> , 118, doi:10.1029/2012JA018581, 2013.	2013
105	Suzuki, S., S. L. Vadas, K. Shiokawa, Y. Otsuka, S. Kawamura, and Y. Murayama, Typhoon-induced concentric airglow structures in the mesopause region, <i>Geophys. Res. Lett.</i> , 40, 5983–5987, doi: 10.1002/2013GL058087, 2013.	2013
106	Hosokawa, K., S. Taguchi, K. Shiokawa, Y. Otsuka, Y. Ogawa, and M. Nicolls, Global imaging of polar cap patches with dual airglow imagers, <i>Geophys. Res. Lett.</i> , 41, doi:10.1002/2013GL058748, 2014.	2014
107	Oyama, S., Y. Miyoshi, K. Shiokawa, J. Kurihara, T. T. Tsuda, and B. J. Watkins, Height-dependent ionospheric variations in the vicinity of nightside poleward expanding aurora after substorm onset, <i>J. Geophys. Res.</i> , 119, doi: 10.1002/2013JA019704, 2014.	2014
108	Nishimura, Y., L. R. Lyons, Y. Zou, K. Oksavik, J. I. Moen, L. B. Clausen, E. F. Donovan, V. Angelopoulos, K. Shiokawa, J. M. Ruohoniemi, N. Nishitani, K. A. McWilliams, and M. Lester, Day-night coupling by a localized flow channel visualized by polar cap patch propagation, <i>Geophys. Res. Lett.</i> , 41, doi: 10.1029/2014GL060301, 2014.	2014
109	Matsuda, T., T. Nakamura, M. K. Ejiri, M. Tsutsumi, and K. Shikawa, New statistical analysis of the horizontal phase velocity distribution of gravity waves observed by airglow imaging, <i>J. Geophys. Res.</i> , 119, 9707–9718, doi: 10.1029/2014JD021543, 2014.	2014
110	Reisin, E.R., J. Scheer, M.E.Dyrland, F.Sigernes, C.S.Deehr, C.Schmidt, K. Hopfner, M.Bittner, P.P.Ammosov, G.A.Gavrilyeva, J.Stegman, V.I.Perminov, A.I.Semenov, P.Knelling, R.Koppmann, K.Shiokawa, R.P.Lowe, M.J. Lopez-Gonzalez, E.Rodriguez, Y.Zhao, M.J.Taylor, R.A.Buriti, P.J.Espy, W.J.R.French, K.-U.Eichmann, J.P.Burrows, C.vonSavigny, Traveling planetary wave activity from mesopause region airglow temperatures determined by the Network for the Detection of Mesospheric Change (NDMC), <i>J. Atmos. Solar-Terr. Phys.</i> 119, 71–82, 2014.	2014

111	V. Lakshmi Narayanan, K. Shiokawa, Y. Otsuka, S. Saito, Airglow observations of nighttime medium-scale traveling ionospheric disturbances from Yonaguni: Statistical characteristics and low latitude limit, <i>J. Geophys. Res.</i> , 119, doi: 10.1029/2014JA020368, 2014.	2014
112	Shiokawa, K., Y. Otsuka, K. J. Lynn, P. Wilkinson and T. Tsugawa, Airglow-imaging observation of plasma bubble disappearance at geomagnetically conjugate points, <i>Earth Planets Space</i> , 67:43, doi:10.1186/s40623-015-0202-6, 2015.	2015
113	Fukushima, D., K. Shiokawa, Y. Otsuka, M. Nishioka, M. Kubota, T. Tsugawa, T. Nagatsuma, S. Komonjinda, and C. Y. Yatini, Geomagnetically conjugate observation of plasma bubbles and thermospheric neutral winds at low latitudes, <i>J. Geophys. Res.</i> , 120, doi: 10.1002/2014JA020398, 2015.	2015
114	Hashimoto A., K. Shiokawa, Y. Otsuka, S.-I. Oyama, S. Nozawa, T. Hori, M. Lester, and M. Johnsen, Statistical study of auroral fragmentation into patches, <i>J. Geophys. Res.</i> , 120, doi:10.1029/2015JA021000, 2015.	2015
115	Thomas, E.G., K. Hosokawa, J. Sakai, J. B. H. Baker, J. M. Ruohoniemi, S. Taguchi, K. Shiokawa, Y. Otsuka, A. J. Coster, J.-P. St.-Maurice, K. A. McWilliams, Multi-instrument, high-resolution imaging of polar cap plasma transportation, <i>Radio Science</i> , 50, doi: 10.1002/2015RS005672, 2015.	2015
116	Motoba, T., S. Ohtani , B. Anderson , H. Korth , D. Mitchell , L. Lanzerotti , K. Shiokawa , M. Connors , C. Kletzing , G. Reeves , On the formation and origin of substorm growth phase/onset auroral arcs inferred from conjugate space-ground observations, <i>J. Geophys. Res.</i> , 120, doi:10.1029/2015JA021676, 2015.	2015
117	Perwitasari, S., T. Sakanoi, A. Yamazaki, Y. Ostuka, Y. Hozumi, Y. Akiya, A. Saitou, K. Shiokawa, and S. Kawamura, Coordinated airglow observations between IMAP/VISI and a ground-based all-sky imager on concentric gravity wave in the mesopause, <i>J. Geophys. Res.</i> , 120, 9706–9721, doi:10.1002/2015JA021424, 2015.	2015
118	Perry, G., H. Dahlgren, M. Nicolls, M. Zettergren, J.-P. St-Maurice, J. Semeter, T. Sundberg, K. Hosokawa, K. Shiokawa, and S. Chen, Spatiotemporally resolved electrodynamic properties of a sun-aligned arc over Resolute Bay, <i>J. Geophys. Res.</i> , 120, 9977–9987, doi:10.1002/2015JA021790, 2015.	2015
119	Sakaguchi, K., K. Shiokawa, Y. Miyoshi, and M. Connors, Isolated proton auroras and Pc1/EMIC waves at subauroral latitudes, in <i>Auroral Dynamics and Space Weather</i> , Geophysical Monograph 215, Edited by Yongliang Zhang and Larry J. Paxton, American Geophysical Union. Published by John Wiley & Sons, Inc., doi: 10.1002/9781118978719.ch5, 2016.	2016
120	Lin, F. F., C. Y. Wang, C. L. Su, K. Shiokawa, S. Saito, and Y. H. Chu, Coordinated observations of F region 3-m field-aligned plasma irregularities associated with medium-scale travelling ionospheric disturbances, <i>J. Geophys. Res.</i> , 121, doi: 10.1002/2016JA022511, 2016.	2016
121	Oyama, S. I., K. Shiokawa, T. Miyoshi, K. Hosokawa, D. J. Watkins, J. Kurimura, T. T. Tsuda, and C. T. Fallen, Lower-thermospheric wind variations in auroral patches during the substorm recovery phase, <i>J. Geophys. Res.</i> , 121, doi: 10.1002/2015JA022129, 2016.	2016
122	Nishino M. N., K. Shiokawa, and Y. Otsuka, The first long-term all-sky imager observation of lunar sodium tail, <i>Icarus</i> , 280, 199–204, 2016.	2016
123	Zou, Y., Y. Nishimura; J. K. Burchill, D. J. Knudsen, L. R. Lyons, K. Shiokawa, S. Buchert, S. Chen, M. J. Nicolls, J. M. Ruohoniemi; K. A. McWilliams, and N. Nishitani, Localized Field-aligned Currents in the Polar Cap Associated with Airglow Patches, <i>J. Geophys. Res.</i> , 121, doi: 10.1002/2016JA022665, 2016.	2016
124	Shiokawa, K., Y. Kato, Y. Hamaguchi, Y. Yamamoto, T. Adachi, M. Ozaki, S.-I. Oyama, M. Nosé, T. Nagatsuma, Y. Tanaka, Y. Otsuka, Y. Miyoshi, R. Kataoka, Y. Takagi, Y. Takeshita, A. Shinburi, S. Kurita, T. Hori, N. Nishitani, I. Shinohara, F. Tuchiya, Y. Obama, S. Suzuki, N. Takahashi, K. Seki, A. Kadokura, K. Hosokawa, Y. Ogawa, M. Connors, J. M. Ruohoniemi, M. Engebretson, E. Turunen, T. Ulich, J. Manninen, T. Raita, A. Kero, A. Oksanen, M. Back, K. Kauristie, J. Mattanen, D. Baishev, V. Kurkin, A. Oinats, A. Pashinin, R. Vasilyev, R. Rakhmatulin, W. Bristow, and M. Karjala, 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> , 69:160, doi: 10.1186/s40623-017-0745-9, 2017.	2017
125	Zou, Y., Y. Nishimura, L. R. Lyons, K. Shiokawa, Localized Polar Cap Precipitation in Association with Non-storm Time Airglow Patches, <i>Geophys. Res. Lett.</i> , 44, doi: 10.1002/2016GL071168, 2017.	2017
126	Nakamura, Y., K. Shiokawa, Y. Otsuka, S.-I. Oyama, S. Nozawa. T. Komolmis, S. Komonjida, D. Neudegg, C. Yuile, J. Meriwether, H. Shinagawa, and H. Jin, Measurement of thermospheric temperatures using OMTI Fabry-Perot interferometers with 70mm etalon, <i>Earth, Planets and Space</i> , 69:57, doi: 10.1186/s40623-017-0643-1, 2017.	2017

127	Dao, T., Y. Otsuka, K. Shiokawa, M. Nishioka, M. Yamamoto, S. M. Buhari, M. Abdullah, and A. Husin, Coordinated observations of post-midnight irregularities and thermospheric neutral winds and temperatures at low latitudes, <i>J. Geophys. Res.</i> , 122, doi: 10.1002/2017JA024048, 2017.	2017
128	Takeo, D., K. Shiokawa, H. Fujinami, Y. Otsuka, T. S. Matsuda, M. K. Ejiri, T. Nakamura and M. Yamamoto, Sixteen-year variation of horizontal phase velocity and propagation direction of mesospheric and thermospheric waves in airglow images at Shigaraki, Japan, <i>J. Geophys. Res.</i> , 122, doi: 10.1002/2017JA023919, 2017.	2017
129	Fukushima, D., K. Shiokawa, Y. Otsuka, M. Kubota, T. Yokoyama, M. Nishioka, S. Komonjinda, and C. Yatini, Geomagnetically conjugate observations of ionospheric and thermospheric variations accompanied by a midnight brightness wave at low latitudes, <i>Earth Planets Space</i> , 69:112, doi:10.1186/s40623-017-0698-z, 2017.	2017
130	Okoh, D., B. Rabiu, K. Shiokawa, Y. Otsuka, B. Segun, E. Falayi, S. Onwuneme, and R. Kaka, First study on the occurrence frequency of equatorial plasma bubbles over West Africa using an all-sky airglow imager and GNSS receivers, <i>J. Geophys. Res.</i> , 122, doi: 10.1002/2017JA024602, 2017.	2017
131	Y Miyoshi, Y Kasaba, I Shinohara, T Takashima, K Asamura, H Matsumoto, N Higashio, T Mitani, S Kasahara, S Yokota, S Wang, Y Kazama, Y Kasahara, S Yagitani, A Matsuoka, H Kojima, Y Katoh, K Shiokawa, K Seki, M Fujimoto, T Ono, and ERG project group (2017), Geospace exploration project: Arase (ERG), <i>IOP Conf. Series: J. Phys.: Conf. Series</i> 869,012095, doi:10.1088/1742-6596/869/1/012095	2017
132	Shiokawa, K., M. Ozaki, A. Kadokura, Y. Endo, T. Sakanoi, S. Kurita, Y. Miyoshi, S.-I. Oyama, M. Connors, I. Schofield, J. Michael Ruohoniemi, M. No��e, T. Nagatsuma, K. Sakaguchi, D. G. Baishev, A. Pashinin, R. Rakhmatulin, B. Shevtsov, I. Poddelsky, M. Engebretson, Tero Raita, Y.-M. Tanaka, M. Shinohara, M. Teramoto, R. Nomura, A. Fujimoto, A. Matsuoka, N. Higashio, T. Takashima , I. Shinohara, and Jay M. Albert, Purple auroral rays and global Pc1 pulsations observed at the CIR-associated solar wind density enhancement on March 21, 2017, <i>Geophys. Res. Lett.</i> , 45, doi:10.1029/2018GL079103, 2018.	2018
133	Ozaki, M., K. Shiokawa, Y. Miyoshi, R. Kataoka, M. Connors, T. Inoue, S. Yagitani, Y. Ebihara, C.-W Jun, R. Nomura, K. Sakaguchi, Y. Otsuka, H.A. Uchida, I. Schofield, and D.W. Danskin, Discovery of 1-Hz range modulation of isolated proton aurora at subauroral latitudes, <i>Geophys. Res. Lett.</i> , 45, doi:10.1002/2017GL076486, 2018.	2018
134	Figueiredo, C. A. O. B., H. Takahashi, C. M. Wrassse, Y. Otsuka, K. Shiokawa, and D. Barros, Medium scale traveling ionospheric disturbances observed by detrended total electron content maps over Brazil, <i>J. Geophys. Res.</i> , 123, doi: 10.1002/2017JA025021, 2018.	2018
135	Takahashi H., C. M. Wrassse, C. A. O. B. Figueiredo, D. Barros, M. A. Abdu, Y. Otsuka, K. Shiokawa, Equatorial Plasma Bubble Seeding by MSTIDs in the Ionosphere, <i>Progress in Earth and Planetary Science</i> , 5:32, doi:10.1186/s40645-018-0189-2, 2018.	2018
136	Narayanan, V. L., K. Shiokawa, Y. Otsuka, D. Neudegg, On the role of thermospheric winds and sporadic E layers in the formation and evolution of Electrified Medium-Scale Traveling Ionospheric Disturbances (EMSTIDs) in geomagnetic conjugate regions, <i>J. Geophys. Res.</i> , 123, doi: 10.1029/2018JA025261, 2018.	2018
137	Tsuchiya, S., K. Shiokawa, H. Fujinami, Y. Otsuka, T. Nakamura, and M. Yamamoto, 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>J. Geophys. Res.</i> , 123, doi:10.1029/2018JA025585, 2018.	2018
138	Figueiredo C. A. O. B., H. Takahashi, C. M. Wrassse, Y. Otsuka, K. Shiokawa and D. Barros, Investigation of nighttime MSTIDs observed by optical thermosphere imagers at low latitudes: Morphology, propagation direction, and wind filtering, <i>J. Geophys. Res.</i> , 123, doi: 10.1029/2018JA025438, 2018.	2018
139	Takagi, Y., K. Shiokawa, Y. Otsuka, M. Connors, and I. Schofield, Statistical analysis of SAR arc detachment from the main oval based on 11-year, all-sky imaging observation at Athabasca, Canada, <i>Geophys. Res. Lett.</i> , 45, doi:10.1029/2018GL079615, 2018.	2018
140	Tsuchiya, F., A. Hirai, T. Obara, H. Misawa, S. Kurita, Y. Miyoshi, K. Shiokawa, M. Connors, M. Ozaki, Y. Kasahara, A. Kumamoto, Y. Kasaba, A. Matsuoka, M. Shoji, I. Shinohara, Energetic electron precipitation associated with pulsating aurora observed by VLF radio propagation during the recovery phase of a substorm on 27 March 2017, <i>Geophys. Res. Lett.</i> , 45, doi:10.1029/2018GL080222, 2018.	2018
141	Perwitasari, S., T. Nakamura, M. Kogure, Y. Tomikawa, M. K. Ejiri, K. Shiokawa, Comparison of gravity wave propagation direction observed by mesospheric airglow imaging at three different latitudes by using M-transform, <i>Ann. Geophys.</i> , 36, 1597–1605, 2018.	2018

142	Hirai A., F. Tsuchiya, T. Obara, Y. Kasaba, Y. Kato, H. Misawa, K. Shiokawa, Y. Miyoshi, S. Kurita, S. Matsuda, M. Connors, T. Nagatsuma, K. Sakaguchi, Y. Kasahara, A. Kumamoto, A. Matsuoka, M. Shoji, I. Shinohara and J. M. Albert, Temporal and Spatial Correspondence of Pc1/EMIC Waves and Relativistic Electron Precipitations Observed with Ground-Based Multi-Instruments on 27 March 2017, <i>Geophys. Res. Lett.</i> , 45, doi:10.1029/2018GL080126, 2018.	2018
143	Kurita, S., Y. Miyoshi, K. Shiokawa, N. Higashio, T. Mitani, T. Takashima, A. Matsuoka, I. Shinohara, C. A. Kletzing , J. B. Blake, S. G. Claudepierre, M. Connors, S. Oyama, T. Nagatsuma, K. Sakaguchi, D. Baishev and Y. Otsuka, 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>Geophys. Res. Lett.</i> , 45, doi:10.1029/2018GL080262, 2018.	2018
144	塩川和夫、鈴木臣、夜間大気光の不思議、幻冬舎、2018年3月。(public book)	2018
145	Shiokawa, K., Y. Otsuka, and M. Connors, Statistical study of auroral/resonant-scattering 427.8-nm emission observed at subauroral latitudes over 14 years, <i>J. Geophys. Res.</i> , 124, doi: 10.1029/2019JA026704, 2019.	2019
146	Moral A. C., K. Shiokawa, S. Suzuki, H. Liu, Y. Otsuka, and C. Y. Yatini, Observations of low-latitude traveling ionospheric disturbances by a 630.0-nm airglow imager and the CHAMP satellite over Indonesia, <i>J. Geophys. Res.</i> , 124, doi: 10.1029/2018JA025634, 2019.	2019
147	Goodwin, L. V., Y. Nishimura, Y. Zou, K. Shiokawa, and P. T. Jayachandran., Mesoscale Convection Structures Associated with Airglow Patches Characterized using Cluster-Imager Conjunctions, <i>J. Geophys. Res.</i> , 124, doi: 10.1029/2019JA026611, 2019.	2019
148	Xu, H. K. Shiokawa, S. Oyama, and Y. Otsuka, Thermospheric wind variations observed by a Fabry–Perot interferometer at Tromsø, Norway, at substorm onsets, <i>Earth Planets, and Space</i> , 71:93, https://doi.org/10.1186/s40623-019-1072-0 , 2019.	2019
149	Tsuchiya, S., K. Shiokawa. H. Fujinami, Y. Otsuka, T. Nakamura, M. Connors, I. Schofield, B. Shevtsov, and I. Poddelsky, 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>J. Geophys. Res.</i> , 124, doi: 10.1029/2019JA026783, 2019.	2019
150	Zhou, S., K. Shiokawa; I. Poddelsky; and Y. Chen, Probing afternoon detached aurora and high-latitude trough based on DMSP observations, <i>Adv. Space Res.</i> , 65, 214–220, doi: 10.1016/j.asr.2019.10.003, 2019.	2019
151	Xu H., K. Shiokawa, S. Oyama, and S. Nozawa, High-latitude thermospheric wind study using a Fabry–Perot interferometer at Tromsøe in Norway: averages and variations during quiet times, <i>Earth Planets Space</i> , 71:110, 10.1186/s40623-019-1093-8, 2019.	2019
152	Tsuchiya S., K. Shiokawa, Y. Otsuka, T. Nakamura, M. Yamamoto, M. Connors, I. Schofield, B. Schevtsov, and I. Poddelskiy, 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>J. Geophys. Res.</i> , 125, doi: 10.1029/2019JA026807, 2020.	2020
153	Yadav S., K. Shiokawa, S. Oyama, and Y. Otsuka, Multi-event analysis of oscillatory motion of medium-scale traveling ionospheric disturbances observed by a 630-nm airglow imager over Tromsøe, <i>Geophys. Res. Lett.</i> , 47, doi:10.1029/2019JA027598, 2020.	2020
154	Sarudin I., N. S. A. Hamid, M. Abdullah, S. M. Buhari, K. Shiokawa, Y. Otsuka, and C. Y. Yatini, Equatorial plasma bubble zonal drift velocity variations in response to season, local time, and solar activity across Southeast Asia, <i>J. Geophys. Res.</i> , 125, doi: 10.1029/2019JA027521, 2020.	2020