

List of Publications

(1973-1974)

1973

- *Araki, T., T. Kamata and K. Suzuki; Disturbance in the lower ionosphere (observation by LF and VLF standard radio waves), Proc. IMS Symposium, Inst. Space Aeron. Sci., Univ. of Tokyo, 54-61.
- *Ogawa, T., Y. Murakami and S. Otsuka; Schumann resonances and worldwide thunderstorm activity, Proc. Soc. Atmosph. Electr. Japan, **8**, 84-88.
- *Ogawa, T. and M. Yasuhara and A. Huzita; Measurement of stratospheric electric field with rotating antennas, Proc. Soc. Atmosph. Electr. Japan, **8**, 76-79.
- *Ogawa, T., S. Otsuka, M. Yasuhara and A. Huzita; Observations of stratospheric horizontal electric field with selfrotating antennas, Large Balloon Symp., Inst. Space Aeron. Sci., Univ. of Tokyo, 111-119.
- Hirota, I., K. Saotome, T. Suzuki and S. Ikeda; Structure and behavior of the Aleutian anticyclone as revealed by meteorological rocket and satellite observations, J. Meteor. Soc. Japan, **51**, 353-363.
- *Huzita, A. and T. Ogawa; Electric field changes due to cloud discharges (I), Proc. Soc. Atmosph. Electr. Japan, **9**, 102-107.
- *Huzita, A. and T. Ogawa; Electric field changes due to cloud discharges (II), Proc. Soc. Atmosph. Electr. Japan, **9**, 108-112.
- *Umeda, Y.; Observation of long-period seismic waves at a short distance from the focal area, Zisin, **26**, 336-347.
- *Wada, T., K. Kamo, T. Furuzawa and K. Onoue; On the effect of the existence of cracks on microtremor, J. Seismol. Soc. Japan, **26**, 316-325.

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- *Araki, T.; Studies of the magnetosphere and the ionosphere by HF and VLF standard radio waves, Proc. IMS Symposium II, Inst. Space Aeron. Sci., Univ. of Tokyo, 72-76.
- *Fujita, M.; Dispersion of river water in Lake Biwa, Bull. Coastal Oceanography, **12**, 19-22.
- Fukuyama, K.; Latitudinal distributions of minor neutral hydrogen-oxygen constituents in the winter mesosphere and lower thermosphere, J. Atmos. Terr. Phys., **36**, 1297-1320.
- Fukuyama, K.; Latitudinal distributions of photochemical heating rates in the winter mesosphere and lower thermosphere, J. Atmos. Terr. Phys., **36**, 1321-1334.
- *Higuchi, H. and T. Yanagi; The constant flow and the dispersion in the tidal model, Bull. Coastal Oceanography, **12**, 41-46.
- Hiramatsu, Y., Y. Oka, H. Ito and Y. Tanaka; The correlation of the rock stress measured in situ and the tectonic stress inferred from geological and geophysical studies, J. Soc. Materials Science, Japan, **23**, 248, 380-386.
- Hirano, I.; Source characteristics of earthquakes occurring in the vicinity of Kyoto, Bull. Disast. Prev. Res. Inst., Kyoto Univ., **24**, 67-80.
- Hirota, I.; Planetary waves in the summer stratosphere and mesosphere, Proceedings of the International Conference on Structure, Composition and General Circulation of the Upper and Lower Atmosphere. Vol. 2.
- Hoshiai, M., T. Iwashima and R. Yamamoto; Quasi-biennial oscillation of the ultra-long waves at 500 mb during the year 1948-1968, J. Meteor. Soc. Japan, **52**, 283-288.
- *Huzita, A., T. Ogawa and M. Yasuhara; Measurements of electric fields in the stratosphere (II), Proc. Soc. Atmosph. Electr. Japan, **10**, 75-77.

- *Imawaki, S.; General circulation of the world ocean, *Marine Sciences*, **6**, 301–305.
- Imawaki, S. and K. Takano; Planetary flow in a circular basin, *Deep-Sea Res.*, **21**, 69–77.
- Inoue, T. and T. Cho; Storm-time variations of electron concentration in the equatorial topside ionosphere, *Contr. Geophys. Inst., Kyoto Univ.*, **14**, 69–74. (Report)
- Iwashima, T.; Observational studies of the ultra-long waves in the atmosphere (II), *J. Meteor. Soc. Japan*, **52**, 120–142.
- *Kikuchi, S.; On the long-period volcanic micro-tremors observed at Mt. Aso, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **17**, B, 105–112.
- Maeda, H.; Field-aligned current induced by asymmetric dynamo action in the ionosphere, *J. Atmos. Terr. Phys.*, **36**, 1395–1401.
- *Maeda, J.; Creep fracture of granite under confining pressure and elastic shocks, *Zisin*, **27**, 65–74.
- *Mitsuta, Y., K. Fujii and K. Kawahira; Studies on severe typhoon model (I), *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **17**, B, 227–234.
- *Murakami, Y. and T. Ogawa; Schumann resonance frequencies, and worldwide thunderstorm activity and ionospheric conductivity profiles, *Proc. Soc. Atmosph. Electr. Japan*, **10**, 105–109.
- *Nakagawa, I. and M. Satomura; On precise gravity measurement at stations of small gravity difference (Part 3), *J. Geod. Soc. Japan*, **21** (in Press).
- *Nakagawa, I., M. Satomura, S. Nakai, N. Sato, H. Tajima, Y. Hagiwara, S. Izutuya, T. Seto, K. Tsukahara, K. Tajima, S. Ohkawa, K. Koizumi, H. Fujimoto, Y. Suda and M. Mishina; On characteristics of LaCoste & Romberg gravimeters (Model G), (Part 2), *J. Geod. Soc. Japan*, **21** (in Press).
- *Ogawa, T.; Electric field, current, and conductivity in the stratosphere, *Proc. Soc. Atmosph. Electr. Japan*, **10**, 78–82.
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- *Ogawa, T., Y. Tanaka, M. Yasuhara and A. Huzita; Stratospheric vertical electric field (atmospheric electric field), *Symp. Large Balloon, Inst. Space Aeron. Sci., Univ. of Tokyo*, 78–83.
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- *Okano, K., I. Hirano and A. Kuroiso; Seismic activity in the vicinity of Kyoto for these ten years, *Rep. Coordinating committee Earthquake Prediction, Min. Constr.* **11**, 109–111.
- *Okano, K., Y. Umeda; Continuous observation of crustal deformation at Abuyama Seismological Observatory, *Zisin*, **27**, 262–269.
- Oonishi, Y. and N. Imasato; A note on the water exchange between the south and the north basins of Lake Biwa, *Contr. Geophys. Inst., Kyoto Univ.*, **14**, 11–20.
- *Ozawa, I.; Suppositions of the earthquake occurrence and of the distributions of the seismic intensity and the earthquake disaster in the district of Fukuchiyama and Ayabe, *Rep. Basic Counterplan Earthquake Disaster in Kyoto Prefecture*, **7**, 1–22 and 8 maps.
- *Ozawa, I.; Estimations of distributions of earthquake disaster by setting seismic faults, *Annuals, Disast. Prev. Res. Inst., Kyoto Univ.*, **17**, B, 65–78.
- *Ozawa, I.; Observations of the crustal movement in Osakayama Tunnel of the former Tokaido Line, *J. Seismol. Soc. Japan*, 2nd ser., **27**, 260–270.
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- *Tanaka, Y., T. Ogawa and M. Kodama; Stratospheric electric fields measured at Syowa Station, *Symp. Large Balloon, Inst. Space Aeron. Sci., Univ. of Tokyo*, 84–90.
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- *Watanabe, H.; Determination of earthquake magnitude at regional distance in and near Japan (Third Report)-On relation between magnitude and period corresponding to the maximum trace amplitude-, *Zisin*, **27**, 129–140.
- Yukutake, H. and M. Shimada; Measurement of thermal diffusivity of KCl at pressures up to 35 kbar and temperatures up to 820°K, *Contr. Geophys. Inst., Kyoto Univ.*, **14**, 59–67.
- *Yanagi, T.; On the environmental problem in the ocean, *Marine Sciences*, **6**, 185–186.
- Yanagi, T.; Dispersion due to the residual flow in the hydraulic model, *Contr. Geophys. Inst., Kyoto Univ.*, **14**, 1–10.
- *Yasuhara, M., T. Ogawa and A. Huzita; Measurements of electric fields in the stratosphere (I), *Proc. Soc. Atmosph. Electr. Japan*, **10**, 71–74.