

# 福島県立医科大学 学術機関リポジトリ



Title	放射線物理化学講座(論文・著書・発表等)
Author(s)	
Citation	福島県立医科大学業績集. 2: 40-42
Issue Date	2022-03-22
URL	<a href="http://ir.fmu.ac.jp/dspace/handle/123456789/1727">http://ir.fmu.ac.jp/dspace/handle/123456789/1727</a>
Rights	©2022 福島県立医科大学
DOI	
Text Version	publisher

This document is downloaded at: 2024-04-20T14:35:40Z

# 放射線物理化学講座

## 論 文

[原 著]

Igarashi Y, Kim E, Hashimoto S, Tani K, Yajima K, Iimoto T, Ishikawa T, Akashi M, Kurihara O. Difference in the Cesium Body Contents of Affected Area Residents Depending on the Evacuation Timepoint Following the 2011 Fukushima Nuclear Disaster. *Health Physics*. 202012; 119(6):733-745.

Omori Y, Shimo M, Janik M, Ishikawa T, Yonehara H. Variable Strength in Thoron Interference for a Diffusion-Type Radon Monitor Depending on Ventilation of the Outer Air. *International Journal of Environmental Research and Public Health*. 202002; 17(3):974.

Omori Y, Tamakuma Y, Nugraha ED, Suzuki T, Saputra MA, Hosoda M, Tokonami S. Impact of wind speed on response of diffusion-type radon-thoron detectors to thoron. *International Journal of Environmental Research and Public Health*. 202005; 17(9):3178.

Ohira T, Shimura H, Hayashi F, Nagao M, Yasumura S, Takahashi H, Suzuki S, Matsuzuka T, Suzuki S, Iwadate M, Ishikawa T, Sakai A, Suzuki S, Nollet KE, Yokoya S, Ohto H, Kamiya K; Fukushima Health Management Survey Group. Absorbed radiation doses in the thyroid as estimated by UNSCEAR and subsequent risk of childhood thyroid cancer following the Great East Japan Earthquake. *Journal of Radiation Research*. 202003; 61(2):243-248.

Kasar S, Mishra S, Omori Y, Sahoo SK, Kavasi N, Arae H, Sorimachi A, Aono T. Sorption and desorption studies of Cs and Sr in contaminated soil samples around Fukushima Daiichi Nuclear Power Plant. *Journal of Soils and Sediments*. 202001; 20(1):392-403.

Takahashi H, Yasumura S, Takahashi K, Ohira T, Ohtsuru A, Midorikawa S, Suzuki S, Shimura H, Ishikawa T, Sakai A, Suzuki S, Yokoya S, Tanigawa K, Ohto H, Kamiya K. Nested matched case control study for the Japan Fukushima Health Management Survey's first full-scale (second-round) thyroid examination. *Medicine*. 202007; 99(27):e20440.

Ishikawa T, Yasumura S, Akahane K, Yonai S, Ohtsuru A, Sakai A, Ohira T, Kamiya K. Age dependence of individual external doses in an early stage after the Fukushima nuclear accident. *Radiation Protection Dosimetry*. 202006; 188(2):238-245.

Ohba T, Ishikawa T, Nagai H, Tokonami S, Hasegawa A, Suzuki G. Reconstruction of residents' thyroid equivalent doses from internal radionuclides after the Fukushima Daiichi nuclear power station accident. *Scientific Reports*. 202002; 10(1):3639.

## 〔総説等〕

Omori Y, Hosoda M, Takahashi F, Sanada T, Hirao S, Ono K, Furukawa M. Japanese population dose from natural radiation. *Journal of Radiological Protection*. 202009; 40(3):R99-R140.

Ishikawa T. Individual Doses to the Public after the Fukushima Nuclear Accident. *Journal of Radiation Protection and Research*. 202006; 45(2):53-68.

## 著 書・訳 書

Ishikawa T. Monitoring results of air dose rate. In: Stojarov A. *Radiation Medicine*. Belarus: Новое знание; 2020. p.158-160.

Ishikawa T. Water and food contamination. In: Stojarov A. *Radiation Medicine*. Belarus: Новое знание; 2020. p.160-164.

Ishikawa T. Dose assessment at initial and chronic phase: external and internal. In: Stojarov A. *Radiation Medicine*. Belarus: Новое знание; 2020. p.164-167.

## 研究発表等

### 〔研究発表〕

Kasar S, Kavasi N, Omori Y, Sorimachi A, Aono T, Sahoo SK. Fate of Cs, Sr and U in soils affected by Fukushima Daiichi Nuclear Power Station Accident. VII. *Terrestrial Radioisotopes in Environment*. International Conference on Environmental Protection; 20200813; Web.

Kavasi N, Omori Y, Sorimachi A, Aono T, Shozugawa K, Hori M, Sahoo SK. Sr-90 analysis in Fukushima water samples. VII. *Terrestrial Radioisotopes in Environment*. International Conference on Environmental Protection; 20200813; Web.

Rajamanickam M, Kavasi N, Omori Y, Sorimachi A, Aono T, Sahoo SK. Uranium isotope ratios and Sr-90 in Fukushima radiocaesium contaminated soil samples. VII. *Terrestrial Radioisotopes in Environment*. International Conference on Environmental Protection; 20200813; Web.

大森康孝, 玉熊佑紀, 鈴木崇仁, Nugraha Eka Djatnika, Saputra Miki Arian, 細田正洋, 床次真司. ラドン・トロン拡散型測定器に使用される子孫核種除去フィルタのトロン浸透率. 放射能環境動態・影響評価ネットワーク共同研究拠点 2019 年度年次報告会; 20200311; Web.

大森康孝. 地表ラドン散逸率の変動要因: 多深度土壌ラドン濃度測定に基づく検討. 日本保健物理学会第 53 回研究発表会; 20200629-30; Web.

## 〔その他〕

床次眞司, 杉山大輔, 柚木彰, 大森康孝, 岩井敏, 大越実, 金濱秀昭, 真田哲也, 辻村憲雄, 山田崇裕, 横山須美. 放射線防護標準化委員会活動報告. 日本保健物理学会第 53 回研究発表会; 20200629-30; Web.

## 健康リスクコミュニケーション学講座

### 論 文

#### 〔原 著〕

Hosogoshi H, Iwasa K, Fukumori T, Takagishi Y, Takebayashi Y, Adachi T, Oe Y, Tairako Y, Takao Y, Nishie H, Kanie A, Kitahara M, Enomoto K, Ishii H, Shinmei I, Horikoshi M, Shibata M. Pilot study of a basic individualized cognitive behavioral therapy program for chronic pain in Japan. *BioPsychoSocial Medicine*. 202003; 14:6.

Hori A, Takebayashi Y, Tsubokura M, Kim Y. PTSD and bipolar II disorder in Fukushima disaster relief workers after the 2011 nuclear accident. *BMJ Case Reports*. 202009; 13(9):e236725.

Takebayashi Y, Hoshino H, Kunii Y, Niwa SI, Maeda M. Characteristics of Disaster-Related Suicide in Fukushima Prefecture After the Nuclear Accident. *Crisis*. 202011; 41(6):475-482.

Oe M, Ito M, Takebayashi Y, Katayanagi A, Horikoshi M. Prevalence and comorbidity of the ICD-11 and DSM-5 for PTSD caseness with previous diagnostic manuals among the Japanese population. *European Journal of Psychotraumatology*. 202005; 11(1):1753938.

Kobayashi Y, Kanie A, Nakagawa A, Takebayashi Y, Shinmei I, Nakayama N, Yamaguchi K, Nakayama C, Hirabayashi N, Mimura M, Horikoshi M. An evaluation of family-based treatment for OCD in Japan: a pilot randomized controlled trial. *Frontiers in Psychiatry*. 202001; 10:932.

Takagaki K, Ito M, Takebayashi Y, Nakajima S, Horikoshi M. Roles of Trait Mindfulness in Behavioral Activation Mechanism for Patients With Major Depressive Disorder. *Frontiers in Psychology*. 202004; 11:845.

Hirai R, Tamaki T, Igari M, Kumazaki YU, Noda SE, Kato S. Plan-Optimization Method for Central-shielding Pelvic Volumetric-modulated Arc Therapy for Cervical Cancer. *In Vivo*. 202011; 34(6):3611-3618.

Takebayashi Y, Murakami M, Nomura S, Oikawa T, Tsubokura M. The trajectories of local food avoidance after the Fukushima Daiichi nuclear plant disaster: A five-year prospective cohort study. *International Journal*