

放射線生物・防護学研究分野（原研防護）

論文

A 欧文

A-a

- 1 . Iwaoka K, Enriquez EB, Tamakuma Y, Hosoda M, Tokonami S, Feliciano CP, Kanda R: Development of calculation tool for iodine 131 biodistribution depending on the aerosol particle distribution. *Radiation Protection Dosimetry* 199(18): 2244-2247,2023. doi: 10.1093/rpd/ncad193. (IF: 0.8) *
- 2 . Tamakuma Y, Kiso M, Sampei A, Hashimoto H, Kranrod C, Hosoda M, Ooka S, Furukawa M, Tokonami S: Site-specific dose conversion factors for radon progeny based on ambient aerosol characteristics in an outdoor environment and a tourist cave. *Radiation Protection Dosimetry* 199(18): 2207-2211,2023. doi: 10.1093/rpd/ncad175. (IF: 0.8) *
- 3 . Hosoda M, Omori Y, Hashimoto H, Matsumoto M, Yasuoka Y, Sanada T, Oda Y, Kiso M, Sampei A, Kranrod C, Tazoe H, Akata N, Taira Y, Tamakuma Y, Yamada R, Kudo H, Shimizu M, Tokonami S: Calibration experiments for radon in drinking water measurements using portable-type electrostatic-collection radon monitors. *Radiation Protection Dosimetry* 199(18): 2203-2206,2023. doi: 10.1093/rpd/ncad188. (IF: 0.8) *
- 4 . Tamakuma Y, Naito M, Yang G, Tani K, Yajima K, Kim E, Kowatari M, Kurihara O: Development of a new integrated IN-VIVO counting system at the QST. *Radiation Protection Dosimetry* 199(15-16): 1848-1852,2023. doi: 10.1093/rpd/ncac226. (IF: 0.8) *
- 5 . Yang G, Tamakuma Y, Naito M, Tani K, Kim E, Kowatari M, Kurihara O: The new QST bioassay laboratory in Chiba, Japan. *Radiation Protection Dosimetry* 199(15-16): 2020-2024,2023. doi: 10.1093/rpd/ncac198. (IF: 0.8) *
- 6 . Naito M, Tamakuma Y, Yajima K, Kim E, Obara S, Tani K, Kurihara O: Response of personal dosimeters on various age-specific anthropometric phantoms under external irradiation applied to areas affected by the 2011 Fukushima Daiichi nuclear accident. *Radiation Protection Dosimetry* 199(15-16): 2030-2034,2023. doi: 10.1093/rpd/ncad187. (IF: 0.8) *
- 7 . Kowatari M, Kim E, Tani K, Naito M, Tamakuma Y, Kurihara O: Effectiveness of simplified dose estimation equations for triage after criticality accident-a case study of dose assessment in the JCO criticality accident. *Radiation Protection Dosimetry* 199(15-16): 1889-1893,2023. doi: 10.1093/rpd/ncac258. (IF: 0.8) *
- 8 . Port M, Barquinero J-F, Endesfelder D, Moquet J, Oestreicher U, Terzoudi G, Trompier F, Vral A, Abe Y, Ainsbury L, Alkebsi L, Amundson SA, Badie C, Baeyens A, Balajee AS, Balázs K, Barnard S, Bassinet C, Beaton-Green LA, Beinke C, Bobyk L, Brochard P, Brzoska K, Bucher M, Ciesielski B, Cuceu C, Discher M, Oca MCD, Domínguez I, Doucha-Senf S, Dumitrescu A, Duy PN, Finot F, Garty G, Ghandhi SA, Gregoire E, Goh VST, Güçlü I, Hadjiiska L, Hargitai R, Hristova R, Ishii K, Kis E, Juniewicz M, Kriehuber R, Lacombe J, Lee Y, Lopez Riego M, Lumniczky K, Mai TT, Maltar-Strmečki N, Marrale M, Martinez JS, Marciniak A, Maznyk N, McKeever SWS, Meher PK, Milanova M, Miura T, Monteiro Gil O, Montoro A, Moreno Domene M, Mrozik A, Nakayama R, O'Brien G, Oskamp D, Ostheim P, Pajic J, Pastor N, Patrono C, Pujol-Canadell M, Prieto Rodriguez MJ, Repin M, Romanyukha A, Rößler U, Sabatier L, Sakai A, Scherthan H, Schüle S, Seong KM, Sevriukova O, Sholom S, Sommer S, Suto Y, Sytko T, Szatmári T, Takahashi-Sugai M, Takebayashi K, Testa A, Testard I, Tichy A, Triantopoulou S, Tsuyama N, Unverricht-Yeboah M, Valente M, Hoey OV, Wilkins RC, Wojcik A, Wojewodzka M, Younhyun L, Zafiropoulos D, Abend M: RENEB Inter-Laboratory Comparison 2021: Inter-Assay Comparison of Eight Dosimetry Assays. *Radiation Research* 199(6): 535-555,2023. doi: 10.1667/RADE-22-00207.1. (IF: 1.9) *
- 9 . Barquinero JF, Abe Y, Aneva N, Endesfelder D, Georgieva D, Goh VST, Gregoire E, Hristova R, Lee Y, Martínez JS, Meher PK, Miura T, Port M, Pujol-Canadell M, Prieto-Rodriguez MJ, Seong KM, Suto Y, Takebayashi K, Tsuyama N, Wojcik A, Yoon H-J, Abend M: RENEB Inter-Laboratory Comparison 2021: The FISH-based translocation assay. *Radiation Research* 199(6): 583-590,2023. doi: 10.1667/RADE-22-00203.1. (IF: 1.9) *
- 10 . Endesfelder D, Oestreicher U, Bucher M, Beinke C, Siebenwirth C, Ainsbury E, Moquet J, Gruel G, Gregoire E, Martinez JS, Vral A, Baeyens A, Valente M, Montoro A, Terzoudi G, Triantopoulou S, Pantelias A, Monteiro Gil O, Prieto MJ, Domene MM, Zafiropoulos D, Barquinero JF, Pujol-Canadell M, Lumniczky K, Hargitai R, Kis E, Testa A, Patrono C, Sommer C, Hristova R, Kostova N, Atanasova M, Sevriukova O, Domínguez I, Pastor N, Güçlü I, Pajic J, Sabatier L, Brochard P, Tichy A, Milanova M, Finot F, Cuceu Petrenci C, Wilkins RC, Beaton-Green LA, Seong KM, Lee Y, Lee YH, Balajee AS, Maznyk N, Sytko T, Pham ND, Tran TM, Miura T, Suto Y, Akiyamam M, Tsuyama N, Abe Y, Goh VST, Chua CEL, Abend M, Port M: RENEB Inter-Laboratory Comparison 2021: The Dicentric Chromosome Assay. *Radiation Research* 199(6): 556-570,2023. doi: 10.1667/RADE-22-00202.1. (IF: 1.9) *
- 11 . Anderson D, Abe Y, Goh VST, Nakayama R, Takebayashi K, Thanh MT, Fujishima Y, Nakata A, Ariyoshi K, Kasai K, Yoshida MA, Miura T: Cytogenetic Biodosimetry in Radiation Emergency Medicine: 5. The Dicentric Chromosome and its Role in Biodosimetry. *Radiation Environment and Medicine* 12(2): 121-139,2023. doi: 10.51083/radiatenviroinmed.12.2_121.

A-b

1. Yokoyama S, Hamada N, Tsujimura N, Kunugita N, Nishida K, Iezaki I, Kato M, Okubo H: Regulatory implementation of the occupational equivalent dose limit for the lens of the eye and underlying relevant efforts in Japan. . International journal of radiation biology 99(4): 604-619,2023. doi: doi.org/10.1080/09553002.2022.2115160. (IF: 2.1) *

A-e-2

1. Abe Y, Takashima Y, Akiyama M, Tsuyama N, Takebayashi K, Nakayama R, Goh VST, Sugai-Takahashi M, Alkebsi L, Ishii K, Kudo K, Sakai A, Kurihara O, Miura T, Suto Y, Akashi M: A preliminary report on retrospective dose assessment by FISH translocation assay in FDNPP Nuclear Emergency Worker Study (NEWS). Radiation Protection Dosimetry 199(14): 1565-1571,2023. doi: 10.1093/rpd/ncad053. (IF: 0.8) *

B 邦文

B-b

1. 横山須美, 青天目州晶, 鈴木晃, 飯本武志: 「保健物理」に掲載された東京電力福島第一原子力発電所事故関連記事を振り返る
—全体概要—. 保健物理 58(2): 37-49, 2023.

B-d

1. 横山須美: 原子力領域から—特集 令和4年度 医療放射線防護連絡協議会年次大会 第33回「高橋信次記念講演・古賀佑彦記念シンポジウム」: 放射線被ばく線量を考える; 古賀佑彦記念シンポジウム 今後の線量評価を考える . 医療放射線防護 88: 70-76, 2023.

B-e-1

1. 林隆太, 岡野美穂, 寺西大輔, 横山須美: 破損した放射線防護メガネの簡易修復後における有効性の検討 . 日本放射線技術学会総会学術大会予稿集 79: 233, 2022.

B-e-2

1. 横山須美, 竹西亜古, 伊藤光代, 羽場友信, 山田あゆみ, 秋津裕: 双方向リスクコミュニケーションゲームにおける放射線専門・非専門大学生の効果性の異同性検証. 一般社団法人日本保健物理学会第56回研究発表会予稿集 . 170, 2023
2. 松田尚樹, 山内基弘, 西弘大, 阿部悠, 玉熊佑紀, 三浦美和, 福田直子, 横山須美, 工藤崇: 放射線安全専門家の放射線災害対策への関与の可能性. 日本放射線安全管理学会第22回学術大会要旨集: 2023.

論文研究業績集計表

論文数一覧

	A-a	A-b	A-c	A-d	A-e	合計	SCI	B-a	B-b	B-c	B-d	B-e	合計	総計
2023	11	1	0	0	1	13	12	0	1	0	1	3	5	18

学会発表数一覧

	A-a	A-b シンポジウム	A-b 学会	合計	B-a	B-b シンポジウム	B-b 学会	合計	総計
2023	1	4	0	5	1	0	11	12	17

論文総数に係る教員生産係数一覧

	欧文論文総数 論文総数	教員生産係数 (欧文論文)	SCI 掲載論文数 欧文論文総数	教員生産係数 (SCI 掲載論文)
2023	0.722	4.333	0.923	4.000

Impact Factor 値一覧

	Impact Factor	教員当たりのImpact Factor	論文当たりのImpact Factor
2023	14.200	4.733	1.183