日本放射線影響学会・学会通信担当より

「学会誌Journal of Radiation Research 61巻 4号出版」につきお知らせします。

（発信者：オックスフォード大学出版局）

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学会誌Journal of Radiation Researchの最新号が出版されました。完全オープンアクセスジャーナルですので、全ての論文を無料でお読みいただけます。以下に目次を掲載致しますので、ぜひご一読ください。

<https://academic.oup.com/jrr/issue/61/4>

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* 寺島論文賞：年に一度、最も優れた基礎系論文を表彰
* Highly Cited Award: 年間に最も引用されたoncology系論文の表彰
* 学会員割引：学会員様は通常掲載料（1500ポンド）の半額以下の350ポンドで投稿可

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Biology

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Relationship between thyroid tumor radiosensitivity and nuclear localization of DNA-dependent protein kinase catalytic subunit

Makoto Ihara, Kazuko Shichijo, Kiyoto Ashizawa, Katsuya Matsuda, Ryota Otsubo, *et al.*

<https://doi.org/10.1093/jrr/rraa032>

X-Irradiation at 0.5 Gy after the forced swim test reduces forced swimming-induced immobility in mice

Takahiro Kataoka, Hina Shuto, Junki Yano, Shota Naoe, Tsuyoshi Ishida, *et al.*

<https://doi.org/10.1093/jrr/rraa022>

YC-1 sensitizes the antitumor effects of boron neutron capture therapy in hypoxic tumor cells

Takaomi Harada, Katsumi Hirose, Yuki Wada, Mariko Sato, Koji Ichise, *et al.*

<https://doi.org/10.1093/jrr/rraa024>

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Technical report

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Internal exposure rate conversion coefficients and absorbed fractions of mouse for 137Cs, 134Cs and 90Sr contamination in body

Satoru Endo, Yuki Matsutani, Tsuyoshi Kajimoto, Kenichi Tanaka, Masatoshi Suzuki

<https://doi.org/10.1093/jrr/rraa030>

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Oncology/Medicine

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Linac-based fractionated stereotactic radiotherapy with a micro-multileaf collimator for large brain metastasis unsuitable for surgical resection

Ryosuke Matsuda, Tetsuro Tamamoto, Tadashi Sugimoto, Shigeto Hontsu, *et al.*

<https://doi.org/10.1093/jrr/rraa038>

Long-term outcomes of induction chemotherapy followed by chemoradiotherapy using volumetric-modulated arc therapy as an organ preservation approach in patients with stage IVA-B oropharyngeal or hypopharyngeal cancers

Katsumaro Kubo, Yuji Murakami, Masahiro Kenjo, Nobuki Imano, Yuki Takeuchi

<https://doi.org/10.1093/jrr/rraa033>

Nationwide survey of radiation therapy in Japan for lung cancer complicated with interstitial lung disease

Yasuhito Hagiwara, Yuko Nakayama, Shigehiro Kudo, Toyokazu Hayakawa, *et al.*

<https://doi.org/10.1093/jrr/rraa018>

Effectiveness of robust optimization in volumetric modulated arc therapy using 6 and 10 MV flattening filter-free beam therapy planning for lung stereotactic body radiation therapy with a breath-hold technique

Hideharu Miura, Shuichi Ozawa, Yoshiko Doi, Minoru Nakao, *et al.*

<https://doi.org/10.1093/jrr/rraa026>

Stereotactic body radiation therapy for early-stage non–small-cell lung cancer in octogenarians and older: an alternative treatment

Yanping Bei, Naoya Murakami, Yuko Nakayama, Kae Okuma, *et al.*

<https://doi.org/10.1093/jrr/rraa027>

The role of radiotherapy in pulmonary large cell neuroendocrine carcinoma: propensity score matching analysis

Ling Cao, Hong-Fen Wu, Ling Zhao, Yan Bai, Zhi-lan Jiang, *et al.*

<https://doi.org/10.1093/jrr/rraa036>

A phase I/II trial of intraoperative breast radiotherapy in an Asian population: 10-year results with critical evaluation

Mariko Kawamura, Yoshiyuki Itoh, Takeshi Kamomae, Masataka Sawaki, *et al.*

<https://doi.org/10.1093/jrr/rraa029>

Preliminary survey of 3D image-guided brachytherapy for cervical cancer at representative hospitals in Asian countries

Noriyuki Okonogi, Masaru Wakatsuki, Hideyuki Mizuno, Shigekazu Fukuda, *et al.*

<https://doi.org/10.1093/jrr/rraa025>

Modified Glasgow prognostic score can predict survival of muscle invasive bladder cancer patients after radiotherapy

Koyo Kikuchi, Ryuji Nakamura, Takafumi Segawa, Hirobumi Oikawa, Hisanori Ariga

<https://doi.org/10.1093/jrr/rraa039>

Long-term clinical outcomes of salvage pelvic radiation therapy for oligo-recurrent pelvic lymph nodes after definitive external-beam radiation therapy for non-metastatic prostate cancer

Genki Edward Sato, Rihito Aizawa, Kiyonao Nakamura, Kenji Takayama, *et al.*

<https://doi.org/10.1093/jrr/rraa044>

Risk factors for severe gastrointestinal toxicity in patients receiving palliative radiotherapy for metastatic bone tumors: association with the use of molecular-targeted agents

Yuji Murakami, Masahiro Kenjo, Kazuki Ishikawa, Toru Sakayauchi, *et al.*

<https://doi.org/10.1093/jrr/rraa035>

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Letter to editor

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Preparation for the COVID-19 pandemic in the department of radiation oncology in the National Cancer Center Hospital in Tokyo

Naoya Murakami, Hiroshi Igaki, Hiroyuki Okamoto, Tairo Kashihara, *et al.*

<https://doi.org/10.1093/jrr/rraa031>