

日本放射線影響学会・学会通信担当より

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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。

<http://jrr.oxfordjournals.org/content/57/5.toc>

<Reviews>

Soile Tapio

Pathology and biology of radiation-induced cardiac disease

<http://jrr.oxfordjournals.org/content/57/5/439.full>

Satoru Ochiai, Yoshihito Nomoto, Yui Watanabe, Yasufumi Yamashita, Yutaka Toyomasu, Tomoko Kawamura, Akinori Takada, Noriko Ii, and Hajime Sakuma

The impact of epidermal growth factor receptor mutations on patterns of disease recurrence after chemoradiotherapy for locally advanced non-small cell lung cancer: a literature review and pooled analysis

<http://jrr.oxfordjournals.org/content/57/5/449.full>

<Biology>

Tengda Zhang, Zhixin Zhao, Haiying Zhang, Hezheng Zhai, Shuzhou Ruan, Ling Jiao, and Wenyi Zhang

Effects of water on fingernail electron paramagnetic resonance dosimetry

<http://jrr.oxfordjournals.org/content/57/5/460.full>

Ying-Ying Jin, Qing-Juan Chen, Yang Wei, Ya-Li Wang, Zhong-Wei Wang, Kun Xu, Yun He, and Hong-Bing Ma

Upregulation of microRNA-98 increases radiosensitivity in esophageal squamous cell carcinoma

<http://jrr.oxfordjournals.org/content/57/5/468.full>

Daila S. Gridley and Michael J. Pecaut

Changes in the distribution and function of leukocytes after whole-body iron ion irradiation

<http://jrr.oxfordjournals.org/content/57/5/477.full>

Mehrdad Shahmohammadi Beni, Dragana Krstic, Dragoslav Nikezic, and Kwan Ngok Yu

A calibration method for realistic neutron dosimetry in radiobiological experiments assisted by MCNP simulation

<http://jrr.oxfordjournals.org/content/57/5/492.full>

Zhongyuan Yin, Sisi Deng, Zhiwen Liang, and Qiong Wang

Consecutive CT-guided core needle tissue biopsy of lung lesions in the same dog at different phases of radiation-induced lung injury

<http://jrr.oxfordjournals.org/content/57/5/499.full>

Yu Sun, Yu-Jun Du, Hui Zhao, Guo-Xing Zhang, Ni Sun, and Xiu-Jiang Li

Protective effects of ulinastatin and methylprednisolone against radiation-induced lung injury in mice

<http://jrr.oxfordjournals.org/content/57/5/505.full>

<Oncology>

Yoshiro Matsuo, Kenji Yoshida, Hideki Nishimura, Yasuo Ejima, Daisuke Miyawaki, Haruka Uezono, Takeaki Ishihara, Hiroshi Mayahara, Takumi Fukumoto, Yonson Ku, Masato Yamaguchi, Koji Sugimoto, and Ryohei Sasaki

Efficacy of stereotactic body radiotherapy for hepatocellular carcinoma with portal vein tumor thrombosis/inferior vena cava tumor thrombosis: evaluation by comparison with conventional three-dimensional conformal radiotherapy

<http://jrr.oxfordjournals.org/content/57/5/512.full>

Shingo Hashimoto, Yuta Shibamoto, Hiromitsu Iwata, Hiroyuki Ogino, Hiroki Shibata, Toshiyuki Toshito, Chikao Sugie, and Jun-etsu Mizoe

Whole-pelvic radiotherapy with spot-scanning proton beams for uterine cervical cancer: a planning study

<http://jrr.oxfordjournals.org/content/57/5/524.full>

Masahiko Aoki, Hiroyoshi Akimoto, Mariko Sato, Katsumi Hirose, Hideo Kawaguchi, Yoshiomi Hatayama, Hiroko Seino, Shinya Kakehata, Fumiyasu Tsushima, Hiromasa Fujita, Tamaki Fujita, Ichitaro Fujioka, Mitsuki Tanaka, Hiroyuki Miura, Shuichi Ono, and Yoshihiro Takai

Impact of pretreatment whole-tumor perfusion computed tomography and ¹⁸F-fluorodeoxyglucose positron emission tomography/computed tomography measurements on local control of non-small cell lung cancer treated with stereotactic body radiotherapy

<http://jrr.oxfordjournals.org/content/57/5/533.full>

Ryo Toya, Ryuji Murakami, Tetsuo Saito, Daizo Murakami, Tomohiko Matsuyama, Yuji Baba, Ryuichi Nishimura, Toshinori Hirai, Akiko Semba, Eiji Yumoto, Yasuyuki Yamashita, and Natsuo Oya
Radiation therapy for nasopharyngeal carcinoma: the predictive value of interim survival assessment

<http://jrr.oxfordjournals.org/content/57/5/541.full>

Nobuteru Kubo, Jun-ichi Saitoh, Hirofumi Shimada, Katsuyuki Shirai, Hidemasa Kawamura, Tatsuya Ohno, and Takashi Nakano
Dosimetric comparison of carbon ion and X-ray radiotherapy for Stage IIIA non-small cell lung cancer

<http://jrr.oxfordjournals.org/content/57/5/548.full>

Satoru Ochiai, Yoshihito Nomoto, Yasufumi Yamashita, Tomoki Inoue, Shuuichi Murashima, Daisuke Hasegawa, Yoshie Kurita, Yui Watanabe, Yutaka Toyomasu, Tomoko Kawamura, Akinori Takada, Noriko Ii, Shigeki Kobayashi, and Hajime Sakuma
The impact of emphysema on dosimetric parameters for stereotactic body radiotherapy of the lung

<http://jrr.oxfordjournals.org/content/57/5/555.full>

<Short Communications>

Yasuhiro Nakagami and Kayoko Masuda

A novel Nrf2 activator from microbial transformation inhibits radiation-induced dermatitis in mice

<http://jrr.oxfordjournals.org/content/57/5/567.full>

Huizi Keiko Li, Yoshitaka Matsumoto, Yoshiya Furusawa, and Tadashi Kamada

PU-H71, a novel Hsp90 inhibitor, as a potential cancer-specific sensitizer to carbon-ion beam therapy

<http://jrr.oxfordjournals.org/content/57/5/572.full>

<Technology>

Masataka Karube, Shinichiro Mori, Hiroshi Tsuji, Naoyoshi Yamamoto, Mio Nakajima, Keiichi Nakagawa, and Tadashi Kamada

Carbon-ion pencil beam scanning for thoracic treatment – initiation report and dose metrics evaluation

<http://jrr.oxfordjournals.org/content/57/5/576.full>

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