

Author Full Names	Article Title	Times Cited	Publication Year	Volume	Issue	Start Page	End Page	DOI
Konta, Satoe; Ohno, Saya; Shindo, Ryota; Yamamoto, Keisuke; Haga, Yoshihiro; Kato, Toshiki; Sota, Masahiro; Kaga, Yuji; Abe, Mitsuya; Chida, Koichi	Assessment of lens absorbed dose by radiological technologists during mobile X-ray radiography: a comparison between computed radiography and flat panel detector systems	2	2025	18	3	766	774	10.1007/s12194-025-00930-1
Ieko, Yoshiro; Kadoya, Noriyuki; Tanaka, Shohei; Kikuchi, Koyo; Yamamoto, Takaya; Ariga, Hisanori; Jingu, Keiichi	Radiomics and dosimetrics approaches to estimate lung function after stereotactic body radiation therapy in patients with lung tumors	2	2025	18	1	238	248	10.1007/s12194-024-00877-9
Nakagawa, Seiya; Miyati, Tosiaki; Ohno, Naoki; Oda, Yuki; Kashiwagi, Haruka; Kobayashi, Satoshi	Evaluation of gravity effect on liver and spleen volumes using multiposture MRI	2	2025	18	1	316	319	10.1007/s12194-024-00870-2
Takatsu, Jun; Chiba, Takahito; Murakami, Naoya; Iijima, Kotaro; Inoue, Tatsuya; Okonogi, Noriyuki; Muramoto, Yoichi; Kawamoto, Terufumi; Karino, Tatsuki; Okamoto, Hiroyuki; Nakamura, Satoshi; Nakayama, Hiroki; Terao, Yasuhisa; Shikama, Naoto	Optimizing the planning process in computed tomography-based image-guided adaptive brachytherapy for cervical cancer using a spreadsheet-based daily dose management system	2	2025	18	1	329	336	10.1007/s12194-024-00867-x
Yamauchi, Ryohei; Tomita, Fumihito	Evaluation of dynamic accuracy and latency of a surface-guided radiotherapy system	2	2025	18	1	136	146	10.1007/s12194-024-00866-y
Kinoshita, Naoki; Shimizu, Morihito; Motegi, Kana; Tsuruta, Yusuke; Takakura, Toru; Oguchi, Hiroshi; Kurokawa, Chie	Quantification of uncertainties in reference and relative dose measurements, dose calculations, and patient setup in modern external beam radiotherapy	2	2025	18	1	58	77	10.1007/s12194-024-00856-0
Chang, Weishan; Suzuki, Hina; Hotta, Kenji; Chakraborty, Puspen; Koba, Yusuke; Ohba, Nozomi; Shinsho, Kiyomitsu	Linear energy transfer correction using Al^{2+} :Cr thermoluminescent and radiophotoluminescence glass dosimeters for therapeutic proton dosimetry	1	2025	18	3	877	885	10.1007/s12194-025-00942-x
Fatha, Mohammad Abdul; Raj, Sathiyaraj; Pawar, Y. S.; Saminathan, Sathiyaraj	Quantification and comparison of the reference dose measurements using IAEA TRS-398 protocols and its revised version	1	2025	18	3	726	733	10.1007/s12194-025-00925-y
Tatsuno, Yuya; Mukumoto, Naritoshi; Ishida, Tomoya; Shimizu, Yasuyuki; Yamamoto, Yoshihiko; Seno, Satoshi; Ishihara, Takeaki; Miyawaki, Daisuke; Sasaki, Ryohei	Comprehensive plan quality assessment of simplified volumetric-modulated arc therapy for lung stereotactic body radiotherapy	1	2025	18	2	547	555	10.1007/s12194-025-00907-0
Masaki, Yui; Yamashita, Yasuo; Isoda, Takuro; Kato, Toyoyuki; Baba, Shingo	A study of differences in absorbed dose estimates by images used in dosimetry of Lu-177-DOTATATE therapy	1	2025	18	2	477	483	10.1007/s12194-025-00898-y
Kuga, Noriyuki; Shirieda, Katsutoshi; Hirabara, Yumi; Kurogi, Yusuke; Fujisaki, Ryohei; Sun, Lue; Morota, Koichi; Moritake, Takashi; Ohta, Hajime	A multiple regression model for peak skin dose using principal component analysis in interventional radiology	1	2025	18	2	439	450	10.1007/s12194-025-00893-3
Inokuchi, Yasuhiro; Kurosaki, Hiromasa	Potential of the albumin-bilirubin score to predict the hepatic parenchymal contrast enhancement in the portal phase of abdominal dynamic contrast-enhanced multi-detector computed tomography in patients with liver cirrhosis	1	2025	18	2	451	456	10.1007/s12194-025-00895-1

Mori, Kazuya; Negishi, Toru	Development of an image quality evaluation system for bedside chest X-ray images using scatter correction processing	1	2025	18	1	249	257	10.1007/s12194-025-00879-1
Hoyoshi, Kazutaka; Sato, Kazuhiro; Homma, Noriyasu; Mori, Issei	Noise-related inaccuracies in the quantitative evaluation of CT artifacts	1	2025	18	1	157	171	10.1007/s12194-024-00869-9
Sugawara, Keisuke; Takaya, Eichi; Inamori, Ryusei; Konaka, Yuma; Sato, Jumpei; Shiratori, Yuta; Hario, Fumihito; Kobayashi, Tomoya; Ueda, Takuya; Okamoto, Yoshikazu	Breast cancer classification based on breast tissue structures using the Jigsaw puzzle task in self-supervised learning	1	2025	18	1	209	218	10.1007/s12194-024-00874-y
Hizukuri, Kyoko; Fujibuchi, Toshioh; Han, Donghee; Arakawa, Hiroyuki; Furuta, Takuya	Directional vector-based quick evaluation method for protective plate effects in X-ray fluoroscopy (DQPEX)	1	2025	18	1	196	208	10.1007/s12194-024-00873-z
Kageyama, Hajime; Yoshida, Nobukiyo; Kondo, Keisuke; Akai, Hiroyuki	Dataset augmentation with multiple contrasts images in super-resolution processing of T1-weighted brain magnetic resonance images	1	2025	18	1	172	185	10.1007/s12194-024-00871-1
Amin, Md. Nurul; Rahman, A. K. M. Rezaur; Zubair, Muhammad Asif; Nizam, Quazi Muhammad Rashed	Quantitative assessment of ^{167}Tm isotope production: experimental data analysis and model validation	1	2025	18	1	104	120	10.1007/s12194-024-00862-2
Sakai, Mayu; Fujibuchi, Toshioh; Lee, Hyojin; Han, Donghee	Imaging of scattered radiation sources in X-ray radiography using a semiconductor radiation visualization camera	1	2025	18	1	308	315	10.1007/s12194-024-00865-z
Masuda, Takanori; Funama, Yoshinori; Nakaura, Takeshi; Sato, Tomoyasu; Oku, Takayuki; Ono, Atsushi; Awai, Kazuo	Effectiveness of the air-gap method for reducing radiation dose in neonate CT examinations	1	2025	18	1	293	299	10.1007/s12194-024-00855-1
Saeki, Kazuya; Tamura, Takayuki; Kouno, Shingo; Nishimaru, Eiji; Kiguchi, Masao; Mitsuhashi, Takafumi; Awai, Kazuo	Optimization of image shoot timing for cerebral veins 3D-digital subtraction angiography by interventional angiography systems	1	2025	18	1	36	46	10.1007/s12194-024-00852-4
Fukuda, Atsushi; Ichikawa, Nao; Hayashi, Takuma; Hirose, Ayaka; Matsubara, Kosuke	Visualization of X-ray fields, overlaps, and over-beaming on surface of the head in spiral computed tomography using computer-aided design-based X-ray beam modeling	1	2025	18	1	287	292	10.1007/s12194-024-00849-z

Data source: 基本検索, Web of Science, as of 21 November 2025

[1回以上の引用がある論文、各年ごとに被引用回数の多い順]