

研究成果の刊行に関する一覧表

平成28年度

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Uemura H, Uemura H, Matsubara N, Kinuya S, <u>Hosono M</u> , Yajima Y, Doi T.	Safety and efficacy of radium-223 dichloride in Japanese patients with castration-resistant prostate cancer and bone metastases.	Int J Clin Oncol	in press		
Misaka T, <u>Hosono M</u> , Kudo T, Ito T, Syomura T, Uemura M, Okajima K.	Influence of acquisition orbit on phase analysis of gated single photon emission computed tomography myocardial perfusion imaging for assessment of left ventricular mechanical dyssynchrony.	Ann Nucl Med	31	235-244	2017
Matsuura T, Nishimura Y, Nakamatsu K, Kanamori S, Ishikawa K, Tachibana I, <u>Hosono M</u> , Shibata T.	Clinical outcomes of IMRT planned with or without PET/CT simulation for patients with pharyngeal cancers.	Int J Clin Oncol	22	52-58	2017
Sakaguchi K, <u>Hosono M</u> , Imamura T, Takahara N, Hayashi M, Yakushiji Y, Ishii K, Uto T, Murakami T.	Estimation of activity of administered ¹⁸ F-fluorodeoxyglucose by measurement of the dose equivalent rate on the right temporal region of the head.	EJNMMI Phys	3:28	1-9	2016
Watanabe H, Noto K, Shohji T, Ogawa Y, Fujibuchi T, Yamaguchi I, Hiraki H, Kida T, Sasanuma K, Katsunuma Y, Nakano T, Horitsugi G, <u>Hosono M</u> .	A new shielding calculation method for X-ray computed tomography regarding scattered radiation.	Radiological Physics and Technology	online first		2016
Watanabe H, Ishii K, <u>Hosono M</u> , Imabayashi E, Abe K, Inubushi M, Ohno K, Magata Y, Ono K, Kikuchi K, Wagatsuma K, Takase T, Saito K, Takahashi Y.	Report of a nationwide survey on actual administered radioactivities of radiopharmaceuticals for diagnostic reference levels in Japan.	Ann Nucl Med	30	435-444	2016

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
細野 眞	医療被ばく管理と放射線防護の現状と将来展望	INNERVISION	31	2-4	2016
細野 眞	核医学検査の診断参考レベル(DRL)に対する活動と課題	INNERVISION	31	12-14	2016
細野 眞	診断参考レベル(DRLs)の国内導入	近畿大医誌	41	3-7	2016
細野 眞	診断参考レベルの国内導入	日本診療放射線技師会誌	63	55-57	2016
Watanabe H, Noto K, Shohji T, Ogawa Y, Fujibuchi T, Yamaguchi I, Hiraki H, Kida T, Sasanuma K, Katsunuma Y, Nakano T, Horitsugi G, Hosono M.	A new shielding calculation method for X-ray computed tomography regarding scattered radiation.	Radiological Physics and Technology	doi:10.1007/s12194-016-0387-9.		2016
Ichiro Yamaguchi.	Current issues in protection from medical radiation in Japan. The situation after the Fukushima nuclear disaster.	Japanese Journal of Health Physics	52(1)	27-33	2017
山口一郎	歯科エックス線の現状と問題点	医療放射線防護	(75)	6-11	2016
山口一郎	医療放射線安全管理のQ&A 最近の医療放射線関連規制の動向について 放射化物とRa-223を用いた診察の放射線管理に関して	医療放射線防護	(76)	38-40	2017
Hatanaka S, Kawada Y, Washizu K, Utsumi N, Yamano T, Nishimura K, Watanabe T, Hosaka K, Todoroki K, Nakajima G, Shimbo M, Takahashi T.	The Impact of Variation in Bladder Volume on the Doses of Target and Organ-at-Risk in Intensity-Modulated Radiation Therapy for Localized Prostate Cancer.	Journal of Cancer Therapy	7	741-751	2016

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Ishiyama H, Kamitani N, Kawamura H, Kato S, Aoki M, Kariya S, Matsumura T, Kaidu M, Yoshida K, Hashimoto Y, Noda Y, Lim K.H.C., Kawase T, <u>Takahashi T</u> , Inaba K, Kumano M, Yoshikawa N, Yoshioka Y, Nakamura K, Hiratsuka J, Itami J, Hayakawa K.	Nationwide multi-institutional retrospective analysis of high-dose-rate brachytherapy combined with external beam radiotherapy for localized prostate cancer: An Asian Prostate HDR-BT Consortium.	American Brachytherapy Society	16(3)	503-510	2017
畑中星吾, 大友哲也, 保坂勝仁, 渡邊哲也, 轟圭介, 中嶋剛, 鷺巣佳奈, 内海暢子, 山野貴史, 西村敬一郎, 新保宗史, 高橋健夫.	仮想単色X線CT画像を利用した前立腺高線量率組織内照射の治療計画における最適なエネルギー選択に関する検討	断層映像研究会雑誌	43(1)	1-7	2016
西村敬一郎, 山野貴史, 畑中星吾, 新保宗史, 鷺巣佳奈, 内海暢子, 村田修, 本戸幹人, 植松和嗣, 中山光男, 高橋健夫.	早期肺癌ならびに転移性肺腫瘍に対する体幹部定位放射線治療	埼玉県医学会雑誌	51(1)	395-399	2016
Nishimura K, <u>Takahashi T</u> , Shimizu Y, Yamano T, Hatanaka S, Shimbo M, Washizu K, Utsumi N, Gika M, Sakurai H, Nakayama M, Honda N.	A Case of Pulmonary Artery Intimal Sarcoma Presenting as a Lung Tumor.	J Radiol Radiat Ther	4(2)	1064	2016
Yasaka K, Katsura M, Sato J, <u>Akahane M</u> , Matsuda I, Ohtomo K.	Comparison of new and conventional versions of model-based iterative reconstruction in reduced-dose computed tomography for diagnosis of hepatic steatosis.	Jpn J Radiol	34(5)	339-348	2016
<u>赤羽正章</u>	診断参考レベル (DRL) 運用を契機とした最適化の推進	RadFan	14(15)	28-30	2016

研究成果の刊行に関する一覧表

平成29年度

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Tachibana I, Nishimura Y, Hanaoka K, Inada M, Fukuda K, Tatebe H, Ishikawa K, Nakamatsu K, Kanamori S, <u>Hosono M.</u>	Tumor Hypoxia Detected by ¹⁸ F-fluoromisonidazole Positron Emission Tomography (FMISO PET) as a Prognostic Indicator of Radiotherapy (RT).	Anticancer Research.	38(3)	1775- 1781	2018
<u>Hosono M</u> , Ikebuchi H, Nakamura Y, Nakamura N, Yamada T, Yanagida S, Kitaoka A, Kojima K, Sugano H, Kinuya S, Inoue T, Hatazawa J.	Manual on the proper use of lutetium-177-labeled somatostatin analogue (Lu- 177-DOTA-TATE) injectable in radionuclide therapy (2nd ed.).	Ann Nucl Med.	32(3)	217-235	2018
Matsubara N, Nagamori S, Wakumoto Y, Uemura H, Kimura G, Yokomizo A, Kikukawa H, Mizokami A, Kosaka T, Masumori N, Kawasaki Y, Yonese J, Nasu Y, Fukasawa S, Sugiyama T, Kinuya S, <u>Hosono M</u> , Yamaguchi I, Tsutsui H, Uemura H.	Phase II study of radium- 223 dichloride in Japanese patients with symptomatic castration-resistant prostate cancer.	Int J Clin Oncol.	23(1)	173-180	2018
Uemura H, Uemura H, Matsubara N, Kinuya S, <u>Hosono M</u> , Yajima Y, Doi T.	Safety and efficacy of radium-223 dichloride in Japanese patients with castration-resistant prostate cancer and bone metastases.	Int J Clin Oncol.	22(5)	954-963	2017
Misaka T, <u>Hosono M</u> , Kudo T, Ito T, Syomura T, Uemura M, Okajima K.	Influence of acquisition orbit on phase analysis of gated single photon emission computed tomography myocardial perfusion imaging for assessment of left ventricular mechanical dyssynchrony.	Ann Nucl Med.	31(3)	235-244	2017

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Watanabe H, Noto K, Shohji T, Ogawa Y, Fujibuchi T, Yamaguchi I, Hiraki H, Kida T, Sasanuma K, Katsunuma Y, Nakano T, Horitsugi G, <u>Hosono M.</u>	A New Shielding Calculation Method for X-Ray Computed Tomography regarding Scattered Radiation.	Radiological Physics and Technology.	10(2)	213-226	2017
Matsuura T, Nishimura Y, Nakamatsu K, Kanamori S, Ishikawa K, Tachibana I, <u>Hosono M</u> , Shibata T.	Clinical outcomes of IMRT planned with or without PET/CT simulation for patients with pharyngeal cancers.	Int J Clin Oncol.	22(1)	52-58	2017
<u>細野 眞</u>	アルファ線内用療法の特徴と塩化ラジウム-223の開発の経緯	Pharma Medica.	35(9)	96-101	2017
Watanabe H, Noto K, Shohji T, Ogawa Y, Fujibuchi T, <u>Yamaguchi I</u> , Hiraki H, Kida T, Sasanuma K, Katsunuma Y, Nakano T, Horitsugi G, Hosono M.	A New Shielding Calculation Method for X-Ray Computed Tomography regarding Scattered Radiation.	Radiological Physics and Technology.	10(2)	213-226	2017
<u>山口一郎</u>	医療放射線安全関連法令から見た線量管理の現状	医療放射線防護	78	20-25	2018
<u>山口一郎</u>	医療放射線施設の立入検査-医療放射線管理に関するサイトで比較的良好に閲覧されているページの紹介-	医療放射線防護	78	62-69	2018
<u>山口一郎</u>	医療放射線安全ルールの課題	医療放射線防護	78	75-78	2018
<u>山口一郎</u>	医療分野における放射線の規制の動向	日本放射線公衆安全学会誌	14	16-21	2017
Shirai K, Saitoh J, Musha A, Abe T, Kobayashi D, <u>Takahashi T</u> , Tamaki T, Kawamura H, Takayasu Y, Shino M, Toyoda M, Takahashi K, Hirato J, Yokoo S, Chikamatsu K, Ohno T, Nakano T.	Prospective observational study of carbon-ion radiotherapy for non-squamous cell carcinoma of the head and neck.	Cancer Science.	108	2039-2044	2017

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
山野貴史, 鷺巣佳奈, 西村敬一郎, 畑中星吾, 新保宗史, 上野周一, 清水裕次, 渡部 渉, 長田久人, 本田憲業, 高橋健夫	脳転移再発と放射線脳壊死の鑑別に苦慮し長期経過観察がなされた小細胞肺癌の2例	断層映像研究会雑誌	44	1-6	2017
<u>赤羽正章</u>	IVRの被ばく線量管理 – 最近の動向	IVR会誌	32(4)	285-288	2017
Katsura M, Sato J, <u>Akahane M</u> , Mise Y, Sumida K, Abe O.	Effects of pure and hybrid iterative reconstruction algorithms on high-resolution computed tomography in the evaluation of interstitial lung disease.	Eur J Radiol.	93	243-251	2017
Gonoi W, Hayashi TY, Okuma H, <u>Akahane M</u> , Nakai Y, Mizuno S, Tateishi R, Isayama H, Koike K, Ohtomo K.	Development of pancreatic cancer is predictable well in advance using contrast-enhanced CT: a case-cohort study.	Eur Radiol.	27(12)	4941-4950	2017

研究成果の刊行に関する一覧表

平成30年度

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
<u>Hosono M.</u>	Perspectives for Concepts of Individualized Radionuclide Therapy, Molecular Radiotherapy, and Theranostic Approaches.	Nuclear Medicine and Molecular Imaging	in press		2019
<u>Hosono M.</u>	Radiation protection in therapy with radiopharmaceuticals.	International Journal of Radiation Biology	in press published online: 28 Sep 2018		2019
<u>Hosono M.</u> , Ikebuchi H, Nakamura Y, Yanagida S, Kinuya S.	Introduction of the targeted alpha therapy (with Radium-223) into clinical practice in Japan: learnings and implementation.	Annals of Nuclear Medicine	33(3)	211-221	2019
Uemura H, Uemura H, Nagamori S, Wakumoto Y, Kimura G, Kikukawa H, Yokomizo A, Mizokami A, Kosaka T, Masumori N, Kawasaki Y, Yonese J, Nasu Y, Fukasawa S, Sugiyama T, Kinuya S, <u>Hosono M.</u> , Yamaguchi I, Akagawa T, Matsubara N.	Three year follow up of a phase II study of radium-223 dichloride in Japanese patients with symptomatic castration-resistant prostate cancer and bone metastases.	Int J Clin Oncol	24(5)	557-566	2019
Hayashi S, Takenaka M, <u>Hosono M.</u> , Nishida T.	Radiation exposure during image-guided endoscopic procedures: The next quality indicator for endoscopic retrograde cholangiopancreatography.	World J Clin Cases	6(16)	1087-1093	2018
Tachibana I, Nishimura Y, Hanaoka K, Inada M, Fukuda K, Tatebe H, Ishikawa K, Nakamatsu K, Kanamori S, <u>Hosono M.</u>	Tumor Hypoxia Detected by ¹⁸ F-fluoromisonidazole Positron Emission Tomography (FMISO PET) as a Prognostic Indicator of Radiotherapy (RT).	Anticancer Research	38(3)	1775-1781	2018

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
<u>Hosono M</u> , Ikebuchi H, Nakamura Y, Nakamura N, Yamada T, Yanagida S, Kitaoka A, Kojima K, Sugano H, Kinuya S, Inoue T, Hatazawa J	Manual on the proper use of lutetium-177-labeled somatostatin analogue (Lu-177-DOTA-TATE) injectable in radionuclide therapy (2nd ed.).	Ann Nucl Med	32(3)	217-235	2018
Matsubara N, Nagamori S, Wakumoto Y, Uemura H, Kimura G, Yokomizo A, Kikukawa H, Mizokami A, Kosaka T, Masumori N, Kawasaki Y, Yonese J, Nasu Y, Fukasawa S, Sugiyama T, Kinuya S, <u>Hosono M</u> , Yamaguchi I, Tsutsui H, Uemura H.	Phase II study of radium-223 dichloride in Japanese patients with symptomatic castration-resistant prostate cancer.	Int J Clin Oncol	23(1)	173-180	2018
Ishikawa T, Matsumoto M, Sato T, <u>Yamaguchi I</u> , Kai M.	Internal doses from radionuclides and their health effects following the Fukushima accident.	J Radiol Prot	38(4)	1253-1268	2018
Kunugita N, Shimura T, Terada H, <u>Yamaguchi I</u> .	Tokyo Electric Power Company Fukushima Dai-ichi Nuclear Power Plant accident and public health.	Journal of the National Institute of Public Health	67(1)	2-10	2018
Terada H, <u>Yamaguchi I</u> , Shimura T, Svendsen ER, Kunugita N.	Regulation values and current situation of radioactive materials in food.	Journal of the National Institute of Public Health	67(1)	21-33	2018
<u>Yamaguchi I</u> , Shimura T, Terada H, Svendsen ER, Kunugita N.	Lessons learned from radiation risk communication activities regarding the Fukushima nuclear accident.	Journal of the National Institute of Public Health	67(1)	93-102	2018

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Shimura T, <u>Yamaguchi I</u> , Terada H, Kunugita N.	Lessons learned from radiation biology: Health effects of low levels of exposure to ionizing radiation on humans regarding the Fukushima accident.	Journal of the National Institute of Public Health	67(1)	115-122	2018
<u>山口一郎</u> .	医療放射線安全関連法令から見た線量管理の現状.	医療放射線防護	(78)	20-25	2018
<u>山口一郎</u> .	医療放射線施設の立入検査－医療放射線管理に関するサイトで比較的良好に閲覧されているページの紹介－.	医療放射線防護	(78)	62-69	2018
<u>山口一郎</u> .	医療放射線安全ルールの問題.	医療放射線防護	(78)	75-78	2018
<u>山口一郎</u> .	医療放射線の安全管理に関する規制の整備の議論から線量の記録などどう向き合うべきか.	医療放射線防護	(79)	20-21	2018
<u>山口一郎</u> , 谷川 琢海, 藤淵 俊王, 渡邊 浩, 木田 哲生, 庄司 友和, 能登 公也, 平木 仁史, 堀次 元気.	放射線源のセキュリティに対する法令改正と取扱いについて.	日本放射線技術学会雑誌	74(10)	1242-1248	2018
Yamano T, <u>Takahashi T</u> , Ueno S, Iigima Y, Nishimura K, Washizu K, Soda R, Utsumi N, Hondo M, Shimbo M, Hatanaka S, Haryu M.	Evaluation of Quality of Life and Psychological Response in Recurrent and Metastatic Tumors Treated with Palliative Radiotherapy.	Journal of Cancer Therapy	9	351-361	2018
Hatanaka S, Shimbo M, Hariu M, Nakajima G, Todoroki K, Hosaka K, Watanabe T, Washizu K, Utsumi N, Yamano T, Nishimura K, <u>Takahashi T</u> .	Simple index for validity of the evaluation point for dosimetric verification results of intensity-modulated radiation therapy using a Farmer-type ionization chamber.	Journal of X-Ray Science and Technology	26 (3)	473-480	2018
Murata H, Okamoto M, <u>Takahashi T</u> , Motegi M, Ogoshi K, Shoji H, Onishi M, Takakusagi Y, Okonogi N, Kawamura H, Okazaki A, Asao T, Kuwano H, Nakano T.	SUVmax-based Parameters of FDG-PET/CT Reliably Predict Pathologic Complete Response After Preoperative Hyperthermo-chemoradiotherapy in Rectal Cancer.	Anticancer Research	38	5909-5916	2018

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Nakamura N, Kawamori J, Takahashi O, Shikama N, Sekiguchi K, <u>Takahashi T</u> , Kato S, Ogita M, Motegi A, Akimoto T.	Palliative radiotherapy for breast cancer patients with skin invasion: a multi- institutional prospective observational study.	Jpn J Clin Oncol	48(6)	555-558	2018
Takahashi S, Kinuya S, Nonomura N, Shinohara N, Suzuki K, Suzuki H, Nakamura K, Satoh T, Tateishi U, Yoneda T, Horikoshi H, Igawa T, Kamai T, Koizumi M, Kosaka T, Matsubara N, Miyake H, Mizokami A, Mizowaki T, Nakamura N, Nozawa M, <u>Takahashi T</u> , Uemura H, Uemura M, Yokomizo A, Yoshimura M, Kakehi Y.	Japanese expert panel meeting on the management of prostate cancer with bone metastases.	Oncol Ther	6	157-171	2018
Watanabe T, Miyashita H, Notake R, Todoroki K, Nakajima G, Washizu K, Utsumi N, Hatanaka S, Hariu M, Yamano T, Nishimura K, Shimbo M, <u>Takahashi T</u> .	Retrospective analysis of multi-institutional, patient- specific treatment planning results of high- dose-rate intracavitary brachytherapy for gynecological cancer using V100%.	Australasia n Physical & Engineering Sciences in Medicine	41	1069- 1074	2018
Katsura M, Sato J, <u>Akahane M</u> , Kunimatsu A, Abe O.	Current and Novel Techniques for Metal Artifact Reduction at CT: Practical Guide for Radiologists.	Radiographi cs	38(2)	450-461	2018
Katsura M, Sato J, <u>Akahane M</u> , Tajima T, Furuta T, Mori H, Abe O.	Single-energy metal artifact reduction technique for reducing metallic coil artifacts on post- interventional cerebral CT and CT angiography.	Neuroradiol ogy	60(11)	1141- 1150	2018