

# Hiroki Shirato

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8952183/publications.pdf>

Version: 2024-02-01

321  
papers

15,017  
citations

34076

52  
h-index

22147

113  
g-index

328  
all docs

328  
docs citations

328  
times ranked

13677  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dosimetric advantages of daily adaptive strategy in IMPT for high-risk prostate cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2022, , e13531.	0.8	2
2	Preparation of Biopex-Supported Gold Nanoparticles as Potential Fiducial Markers for Image-Guided Radiation Therapy. <i>ACS Applied Bio Materials</i> , 2022, 5, 1259-1266.	2.3	3
3	A Consistent Protocol Reveals a Large Heterogeneity in the Biological Effectiveness of Proton and Carbon-Ion Beams for Various Sarcoma and Normal-Tissue-Derived Cell Lines. <i>Cancers</i> , 2022, 14, 2009.	1.7	8
4	Stability of $\beta$ -gluciferin for bioluminescence to detect gene expression in freely moving mice for long durations. <i>Luminescence</i> , 2021, 36, 94-98.	1.5	6
5	The role of endoscopic resection for selected patients with sinonasal squamous cell carcinoma. <i>Auris Nasus Larynx</i> , 2021, 48, 131-137.	0.5	10
6	Potential benefits of adaptive intensity-modulated proton therapy in nasopharyngeal carcinomas. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 174-183.	0.8	13
7	Prediction of liver Dmean for proton beam therapy using deep learning and contour-based data augmentation. <i>Journal of Radiation Research</i> , 2021, , .	0.8	0
8	Calibrated uncertainty estimation for interpretable proton computed tomography image correction using Bayesian deep learning. <i>Physics in Medicine and Biology</i> , 2021, 66, 065029.	1.6	3
9	Assessment of the confidence interval in the multivariable normal tissue complication probability model for predicting radiation-induced liver disease in primary liver cancer. <i>Journal of Radiation Research</i> , 2021, 62, 483-493.	0.8	2
10	Validation of dose distribution for liver tumors treated with real-time-image gated spot-scanning proton therapy by log data based dose reconstruction. <i>Journal of Radiation Research</i> , 2021, 62, 626-633.	0.8	4
11	Period1 gene expression in the olfactory bulb and liver of freely moving streptozotocin-treated diabetic mouse. <i>Biochemical and Biophysical Research Communications</i> , 2021, 560, 14-20.	1.0	3
12	Fundamental study on quality assurance (QA) procedures for a real-time tumor tracking radiotherapy (RTT) system from the viewpoint of imaging devices. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 165-176.	0.8	0
13	Prediction of target position from multiple fiducial markers by partial least squares regression in real-time tumor-tracking radiation therapy. <i>Journal of Radiation Research</i> , 2021, 62, 926-933.	0.8	4
14	Radiological tumour classification across imaging modality and histology. <i>Nature Machine Intelligence</i> , 2021, 3, 787-798.	8.3	41
15	Analysis of acute-phase toxicities of intensity-modulated proton therapy using a model-based approach in pharyngeal cancer patients. <i>Journal of Radiation Research</i> , 2021, 62, 329-337.	0.8	5
16	Are simple verbal instructions sufficient to ensure that bladder volume does not deteriorate prostate position reproducibility during spot scanning proton therapy?. <i>BJR  Open</i> , 2021, 3, .	0.4	0
17	Percutaneous insertion of hepatic fiducial true-spherical markers for real-time adaptive radiotherapy. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2020, 29, 334-343.	0.6	8
18	Modified fast adaptive scatter kernel superposition (mfASKS) correction and its dosimetric impact on CBCT-based proton therapy dose calculation. <i>Medical Physics</i> , 2020, 47, 190-200.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Use of 3-D Contrast-Enhanced Ultrasound to Evaluate Tumor Microvasculature After Nanoparticle-Mediated Modulation. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 369-376.	0.7	2
20	Prediction of Hypoxia in Brain Tumors Using a Multivariate Model Built from MR Imaging and $^{18}\text{F}$ -Fluorodeoxyglucose Accumulation Data. <i>Magnetic Resonance in Medical Sciences</i> , 2020, 19, 227-234.	1.1	3
21	Analysis of treatment process time for real-time image gated spot-scanning proton beam therapy (RGPT) system. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 38-49.	0.8	9
22	Lysosomal trafficking mediated by Arl8b and BIRC promotes invasion of cancer cells that survive radiation. <i>Communications Biology</i> , 2020, 3, 620.	2.0	21
23	Double recording system of Period1 gene expression rhythm in the olfactory bulb and liver in freely moving mouse. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 898-903.	1.0	5
24	Rab27b contributes to radioresistance and exerts a paracrine effect via epiregulin in glioblastoma. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa091.	0.4	8
25	Quantitative analysis of treatments using real-time image gated spot-scanning with synchrotron-based proton beam therapy system log data. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 10-19.	0.8	3
26	Mouse period1 gene expression recording from olfactory bulb under free moving conditions with a portable optic fibre device. <i>Luminescence</i> , 2020, 35, 1248-1253.	1.5	4
27	The impact of dose delivery time on biological effectiveness in proton irradiation with various biological parameters. <i>Medical Physics</i> , 2020, 47, 4644-4655.	1.6	4
28	Dynamic gating window technique for the reduction of dosimetric error in respiratory-gated spot-scanning particle therapy: An initial phantom study using patient tumor trajectory data. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 13-21.	0.8	1
29	The updated outcomes of bladder-preserving trimodal therapy using a real-time tumor-tracking radiotherapy system for patients with muscle-invasive bladder cancer. <i>Japanese Journal of Clinical Oncology</i> , 2020, 50, 609-616.	0.6	3
30	Microstructural Alterations in Bipolar and Major Depressive Disorders: A Diffusion Kurtosis Imaging Study. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1187-1196.	1.9	7
31	Assessment of Coronary Flow Velocity Reserve in the Left Main Trunk Using Phase-contrast MR Imaging at 3T: Comparison with $^{15}\text{O}$ -labeled Water Positron Emission Tomography. <i>Magnetic Resonance in Medical Sciences</i> , 2019, 18, 134-141.	1.1	1
32	Impact of organ motion on volumetric and dosimetric parameters in stomach lymphomas treated with intensity-modulated radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 78-86.	0.8	16
33	Lambda-Carrageenan Enhances the Effects of Radiation Therapy in Cancer Treatment by Suppressing Cancer Cell Invasion and Metastasis through Racgap1 Inhibition. <i>Cancers</i> , 2019, 11, 1192.	1.7	9
34	Particle therapy for prostate cancer: The past, present and future. <i>International Journal of Urology</i> , 2019, 26, 971-979.	0.5	28
35	Clinical experience of craniospinal intensity-modulated spot-scanning proton therapy using large fields for central nervous system medulloblastomas and germ cell tumors in children, adolescents, and young adults. <i>Journal of Radiation Research</i> , 2019, 60, 527-537.	0.8	5
36	Quantitative evaluation of image recognition performance of fiducial markers in real-time tumor-tracking radiation therapy. <i>Physica Medica</i> , 2019, 65, 33-39.	0.4	12

#	ARTICLE	IF	CITATIONS
37	3D Transformation Matrix Calculation and Pixel Intensity Normalization for the Dual Focus Tracking System. <i>Journal of Medical and Biological Engineering</i> , 2019, 39, 952-959.	1.0	2
38	Projection-domain scatter correction for cone beam computed tomography using a residual convolutional neural network. <i>Medical Physics</i> , 2019, 46, 3142-3155.	1.6	55
39	The normal tissue complication probability model-based approach considering uncertainties for the selective use of radiation modality in primary liver cancer patients. <i>Radiotherapy and Oncology</i> , 2019, 135, 100-106.	0.3	18
40	A novel range-verification method using ionoacoustic wave generated from spherical gold markers for particle-beam therapy: a simulation study. <i>Scientific Reports</i> , 2019, 9, 4011.	1.6	9
41	Predicting metastasis in clinically negative axillary lymph nodes with minimum apparent diffusion coefficient value in luminal A-like breast cancer. <i>Breast Cancer</i> , 2019, 26, 628-636.	1.3	8
42	The urethral position may shift due to urethral catheter placement in the treatment planning for prostate radiation therapy. <i>Radiation Oncology</i> , 2019, 14, 226.	1.2	11
43	Bladder-preserving therapy using a real-time tumor-tracking radiotherapy system for muscle-invasive bladder cancer. <i>Journal of Clinical Oncology</i> , 2019, 37, 364-364.	0.8	0
44	Present developments in reaching an international consensus for a model-based approach to particle beam therapy. <i>Journal of Radiation Research</i> , 2018, 59, i72-i76.	0.8	8
45	Toll-like receptor 3 signal augments radiation-induced tumor growth retardation in a murine model. <i>Cancer Science</i> , 2018, 109, 956-965.	1.7	26
46	Preliminary results of proton radiotherapy for pediatric rhabdomyosarcoma: a multi-institutional study in Japan. <i>Cancer Medicine</i> , 2018, 7, 1870-1874.	1.3	20
47	Prospective study to evaluate the safety of the world-first spot-scanning dedicated, small 360-degree gantry, synchrotron-based proton beam therapy system. <i>Journal of Radiation Research</i> , 2018, 59, i63-i71.	0.8	8
48	Time has come for proton and carbon beam therapy. <i>International Journal of Clinical Oncology</i> , 2018, 23, 421-422.	1.0	0
49	Long-term outcomes of proton therapy for prostate cancer in Japan: a multi-institutional survey of the Japanese Radiation Oncology Study Group. <i>Cancer Medicine</i> , 2018, 7, 677-689.	1.3	41
50	Selection of external beam radiotherapy approaches for precise and accurate cancer treatment. <i>Journal of Radiation Research</i> , 2018, 59, i2-i10.	0.8	28
51	Improvement of the repeatability of parallel transmission at 7T using interleaved acquisition in the calibration scan. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 94-101.	1.9	5
52	Comparison of the average surviving fraction model with the integral biologically effective dose model for an optimal irradiation scheme. <i>Journal of Radiation Research</i> , 2018, 59, i32-i39.	0.8	1
53	Assessing the uncertainty in a normal tissue complication probability difference ( $\Delta$ NTCP): radiation-induced liver disease (RILD) in liver tumour patients treated with proton vs X-ray therapy. <i>Journal of Radiation Research</i> , 2018, 59, i50-i57.	0.8	4
54	Noninvasive electrical conductivity measurement by MRI: a test of its validity and the electrical conductivity characteristics of glioma. <i>European Radiology</i> , 2018, 28, 348-355.	2.3	68

#	ARTICLE	IF	CITATIONS
55	Heterogeneity of longitudinal and circumferential contraction in relation to late gadolinium enhancement in hypertrophic cardiomyopathy patients with preserved left ventricular ejection fraction. Japanese Journal of Radiology, 2018, 36, 103-112.	1.0	6
56	Simple modification of arm position improves B <sub>1</sub> and signal homogeneity in the thoracolumbar spine at 3T. Journal of Magnetic Resonance Imaging, 2018, 47, 123-130.	1.9	3
57	Semi-quantitative analysis of pre-treatment morphological and intratumoral characteristics using 18F-fluorodeoxyglucose positron-emission tomography as predictors of treatment outcome in nasal and paranasal squamous cell carcinoma. Quantitative Imaging in Medicine and Surgery, 2018, 8, 788-795.	1.1	10
58	Real-Time Tumor-Tracking Radiotherapy and General Stereotactic Body Radiotherapy for Adrenal Metastasis in Patients With Oligometastasis. Technology in Cancer Research and Treatment, 2018, 17, 153303381880998.	0.8	10
59	Final report of survival and late toxicities in the Phase I study of stereotactic body radiation therapy for peripheral T2NOMO non-small cell lung cancer (JCOG0702). Japanese Journal of Clinical Oncology, 2018, 48, 1076-1082.	0.6	9
60	An analytical dose-averaged LET calculation algorithm considering the off-axis LET enhancement by secondary protons for spot-scanning proton therapy. Medical Physics, 2018, 45, 3404-3416.	1.6	19
61	Arf6-driven cell invasion is intrinsically linked to TRAK1-mediated mitochondrial anterograde trafficking to avoid oxidative catastrophe. Nature Communications, 2018, 9, 2682.	5.8	62
62	Utility of a Hybrid IVIM-DKI Model to Predict the Development of Distant Metastasis in Head and Neck Squamous Cell Carcinoma Patients. Magnetic Resonance in Medical Sciences, 2018, 17, 21-27.	1.1	15
63	Stereotactic body radiotherapy to treat small lung lesions clinically diagnosed as primary lung cancer by radiological examination: A prospective observational study. Lung Cancer, 2018, 122, 107-112.	0.9	4
64	Prediction of the treatment outcome using intravoxel incoherent motion and diffusional kurtosis imaging in nasal or sinonasal squamous cell carcinoma patients. European Radiology, 2017, 27, 956-965.	2.3	48
65	Clinical outcomes of stage I and IIA non-small cell lung cancer patients treated with stereotactic body radiotherapy using a real-time tumor-tracking radiotherapy system. Radiation Oncology, 2017, 12, 3.	1.2	13
66	Identifying relations between imaging phenotypes and molecular subtypes of breast cancer: Model discovery and external validation. Journal of Magnetic Resonance Imaging, 2017, 46, 1017-1027.	1.9	78
67	Volume of high-risk intratumoral subregions at multi-parametric MR imaging predicts overall survival and complements molecular analysis of glioblastoma. European Radiology, 2017, 27, 3583-3592.	2.3	43
68	Long-term follow-up after proton beam therapy for pediatric tumors: a Japanese national survey. Cancer Science, 2017, 108, 444-447.	1.7	44
69	Residual tumour detection in post-treatment granulation tissue by using advanced diffusion models in head and neck squamous cell carcinoma patients. European Journal of Radiology, 2017, 90, 14-19.	1.2	6
70	Advanced diffusion models in head and neck squamous cell carcinoma patients: Goodness of fit, relationships among diffusion parameters and comparison with dynamic contrast-enhanced perfusion. Magnetic Resonance Imaging, 2017, 36, 16-23.	1.0	33
71	Phase I study of stereotactic body radiation therapy for peripheral T2NOMO non-small cell lung cancer (JCOG0702): Results for the group with PTV $\leq$ 100 cc. Radiotherapy and Oncology, 2017, 122, 281-285.	0.3	21
72	A simulation study on the dosimetric benefit of real-time motion compensation in spot-scanning proton therapy for prostate. Journal of Radiation Research, 2017, 58, 591-597.	0.8	5

#	ARTICLE	IF	CITATIONS
73	Automatic Estimation of Volumetric Breast Density Using Artificial Neural Network-Based Calibration of Full-Field Digital Mammography: Feasibility on Japanese Women With and Without Breast Cancer. <i>Journal of Digital Imaging</i> , 2017, 30, 215-227.	1.6	12
74	Lifetime attributable risk of radiation-induced secondary cancer from proton beam therapy compared with that of intensity-modulated X-ray therapy in randomly sampled pediatric cancer patients. <i>Journal of Radiation Research</i> , 2017, 58, 363-371.	0.8	25
75	Impact of Real-Time Image Gating on Spot Scanning Proton Therapy for Lung Tumors: A Simulation Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 173-181.	0.4	29
76	Targeting integrins with RGD-conjugated gold nanoparticles in radiotherapy decreases the invasive activity of breast cancer cells. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5069-5085.	3.3	91
77	Local relapse of nasopharyngeal cancer and Voxel-based analysis of FMISO uptake using PET with semiconductor detectors. <i>Radiation Oncology</i> , 2017, 12, 148.	1.2	9
78	Educational outcomes of a medical physicist program over the past 10 years in Japan. <i>Journal of Radiation Research</i> , 2017, 58, 669-674.	0.8	2
79	Non-invasive prediction of the tumor growth rate using advanced diffusion models in head and neck squamous cell carcinoma patients. <i>Oncotarget</i> , 2017, 8, 33631-33643.	0.8	5
80	Evaluation of the relative biological effectiveness of spot-scanning proton irradiation in vitro. <i>Journal of Radiation Research</i> , 2016, 57, 307-311.	0.8	24
81	A Retrospective Study of G-Tube Use in Japanese Patients Treated with Concurrent Chemoradiotherapy for Hypopharyngeal Cancer. <i>PLoS ONE</i> , 2016, 11, e0161734.	1.1	4
82	Usefulness of Pseudocontinuous Arterial Spin-Labeling for the Assessment of Patients with Head and Neck Squamous Cell Carcinoma by Measuring Tumor Blood Flow in the Pretreatment and Early Treatment Period. <i>American Journal of Neuroradiology</i> , 2016, 37, 342-348.	1.2	29
83	Quantitative Analysis of 18F-Fluorodeoxyglucose Positron Emission Tomography Identifies Novel Prognostic Imaging Biomarkers in Locally Advanced Pancreatic Cancer Patients Treated With Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 102-109.	0.4	44
84	NTCP modeling analysis of acute hematologic toxicity in whole pelvic radiation therapy for gynecologic malignancies – A dosimetric comparison of IMRT and spot-scanning proton therapy (SSPT). <i>Physica Medica</i> , 2016, 32, 1095-1102.	0.4	16
85	Mean kurtosis alterations of cerebral white matter in patients with schizophrenia revealed by diffusion kurtosis imaging. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2016, 71, 169-175.	2.5	8
86	Proton beam therapy for pediatric malignancies: a retrospective observational multicenter study in Japan. <i>Cancer Medicine</i> , 2016, 5, 1519-1525.	1.3	35
87	Optimization and evaluation of multiple gating beam delivery in a synchrotron-based proton beam scanning system using a real-time imaging technique. <i>Physica Medica</i> , 2016, 32, 932-937.	0.4	18
88	In vivo imaging of clock gene expression in multiple tissues of freely moving mice. <i>Nature Communications</i> , 2016, 7, 11705.	5.8	44
89	Effectiveness of superselective intra-arterial chemoradiotherapy targeting retropharyngeal lymph node metastasis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 3331-3336.	0.8	8
90	Comparison of conventional ultrasonography and ultrasonography-computed tomography fusion imaging for target identification using digital/real hybrid phantoms: a preliminary study. <i>Journal of Medical Ultrasonics (2001)</i> , 2016, 43, 327-335.	0.6	0

#	ARTICLE	IF	CITATIONS
91	Evaluation of diagnostic accuracy in CT perfusion analysis in moyamoya disease. Japanese Journal of Radiology, 2016, 34, 28-34.	1.0	1
92	Effect of respiratory and cardiac gating on the major diffusion-imaging metrics. Neuroradiology Journal, 2016, 29, 254-259.	0.6	1
93	Utility of noncontrast-enhanced time-resolved four-dimensional MR angiography with a vessel-selective technique for intracranial arteriovenous malformations. Journal of Magnetic Resonance Imaging, 2016, 44, 834-845.	1.9	24
94	Intrafractional Baseline Shift or Drift of Lung Tumor Motion During Gated Radiation Therapy With a Real-Time Tumor-Tracking System. International Journal of Radiation Oncology Biology Physics, 2016, 94, 172-180.	0.4	81
95	Differences in morphological features and minimum apparent diffusion coefficient values among breast cancer subtypes using 3-tesla MRI. European Journal of Radiology, 2016, 85, 96-102.	1.2	30
96	Comparison between borderline ovarian tumors and carcinomas using semi-automated histogram analysis of diffusion-weighted imaging: focusing on solid components. Japanese Journal of Radiology, 2016, 34, 229-237.	1.0	23
97	Development and evaluation of a short-range applicator for treating superficial moving tumors with respiratory-gated spot-scanning proton therapy using real-time image guidance. Physics in Medicine and Biology, 2016, 61, 1515-1531.	1.6	18
98	Prognostic Imaging Biomarkers in Glioblastoma: Development and Independent Validation on the Basis of Multiregion and Quantitative Analysis of MR Images. Radiology, 2016, 278, 546-553.	3.6	90
99	Glucose Metabolism and Its Complicated Relationship with Tumor Growth and Perfusion in Head and Neck Squamous Cell Carcinoma. PLoS ONE, 2016, 11, e0166236.	1.1	6
100	A Nucleoside Anticancer Drug, 1-(3-C-Ethynyl- $\beta$ -D-Ribo-Pentofuranosyl)Cytosine, Induces Depth-Dependent Enhancement of Tumor Cell Death in Spread-Out Bragg Peak (SOBP) of Proton Beam. PLoS ONE, 2016, 11, e0166848.	1.1	4
101	Optimization of the fractionated irradiation scheme considering physical doses to tumor and organ at risk based on dose-volume histograms. Medical Physics, 2015, 42, 6203-6210.	1.6	14
102	Proton-induced x-ray fluorescence CT imaging. Medical Physics, 2015, 42, 900-907.	1.6	16
103	Involvement of UTR-dependent gene expression in the maintenance of cancer stem cell like phenotypes. Oncology Letters, 2015, 10, 3171-3176.	0.8	0
104	Radiotherapy : characteristics of particle therapy and its perspective. Annals of Oncology, 2015, 26, vii65.	0.6	0
105	Improvement of cerebral hypometabolism after resection of radiation-induced necrotic lesion in a patient with cerebral arteriovenous malformation. Acta Radiologica Open, 2015, 4, 205846011558411.	0.3	0
106	Application of radiosurgical techniques to produce a primate model of brain lesions. Frontiers in Systems Neuroscience, 2015, 9, 67.	1.2	7
107	Emerging Treatment Paradigms in Radiation Oncology. Clinical Cancer Research, 2015, 21, 3393-3401.	3.2	33
108	A motion-compensated image filter for low-dose fluoroscopy in a real-time tumor-tracking radiotherapy system. Journal of Radiation Research, 2015, 56, 186-196.	0.8	9

#	ARTICLE	IF	CITATIONS
109	Stereotactic Radiosurgery With or Without Whole-Brain Radiotherapy for Brain Metastases. <i>JAMA Oncology</i> , 2015, 1, 457.	3.4	190
110	Locally advanced head and neck squamous cell carcinomas treated with TPF(docetaxel, cisplatin,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	0
111	Three-dimensional conformal fractionated radiotherapy for spinal schwannoma with a paravertebral or an intraosseous component. <i>Japanese Journal of Radiology</i> , 2015, 33, 757-763.	1.0	2
112	Indications for superselective intra-arterial cisplatin infusion and concomitant radiotherapy in cases of hypopharyngeal cancer. <i>Auris Nasus Larynx</i> , 2015, 42, 443-448.	0.5	5
113	Bilateral breast MRI by use of dual-source parallel radiofrequency excitation and image-based shimming at 3 Tesla: improvement in homogeneity on fat-suppression imaging. <i>Radiological Physics and Technology</i> , 2015, 8, 4-12.	1.0	5
114	Prediction of pancreatic anastomotic failure after pancreatic head resection using preoperative diffusion-weighted MR imaging. <i>Japanese Journal of Radiology</i> , 2015, 33, 59-66.	1.0	5
115	Diagnostic value of tumor blood flow and its histogram analysis obtained with pCASL to differentiate sinonasal malignant lymphoma from squamous cell carcinoma. <i>European Journal of Radiology</i> , 2015, 84, 2187-2193.	1.2	20
116	Comparison of acute toxicities associated with cetuximab-based bioradiotherapy and platinum-based chemoradiotherapy for head and neck squamous cell carcinomas: A single-institution retrospective study in Japan. <i>Acta Oto-Laryngologica</i> , 2015, 135, 853-858.	0.3	17
117	Transcatheter Arterial Embolization with Ethanol Injection in Symptomatic Patients with Enlarged Polycystic Kidneys. <i>Radiology</i> , 2015, 277, 277-285.	3.6	13
118	Combined use of 18F-FDG PET and corticosteroid for diagnosis of deep-seated primary central nervous system lymphoma without histopathological confirmation. <i>Acta Neurochirurgica</i> , 2015, 157, 187-194.	0.9	11
119	Clinical outcomes of weekly cisplatin chemoradiotherapy for patients with pyriform sinus cancer. <i>International Journal of Clinical Oncology</i> , 2015, 20, 1081-1085.	1.0	3
120	Management for squamous cell carcinoma of the nasal cavity and ethmoid sinus: A single institution experience. <i>Auris Nasus Larynx</i> , 2015, 42, 377-381.	0.5	8
121	The efficacy of superselective intra-arterial infusion with concomitant radiotherapy for adenoid cystic carcinoma of the head and neck. <i>Acta Oto-Laryngologica</i> , 2015, 135, 950-954.	0.3	2
122	Phase I study of stereotactic body radiation therapy for peripheral T2N0M0 non-small cell lung cancer with PTV < 100 cc using a continual reassessment method (JCOG0702). <i>Radiotherapy and Oncology</i> , 2015, 116, 276-280.	0.3	33
123	Development of a wavelength-separated type scintillator with optical fiber (SOF) dosimeter to compensate for the Cerenkov radiation effect. <i>Journal of Radiation Research</i> , 2015, 56, 372-381.	0.8	13
124	Feasibility and efficacy of induction docetaxel, cisplatin, and 5-fluorouracil chemotherapy combined with concurrent weekly cisplatin chemoradiotherapy for locally advanced head and neck squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2015, 20, 431-437.	1.0	5
125	Measurement of tumor blood flow in head and neck squamous cell carcinoma by pseudo-continuous arterial spin labeling: Comparison with dynamic contrast-enhanced MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 983-991.	1.9	45
126	Identifying Triple-Negative Breast Cancer Using Background Parenchymal Enhancement Heterogeneity on Dynamic Contrast-Enhanced MRI: A Pilot Radiomics Study. <i>PLoS ONE</i> , 2015, 10, e0143308.	1.1	110



#	ARTICLE	IF	CITATIONS
127	Activating transcription factor 5 enhances radioresistance and malignancy in cancer cells. <i>Oncotarget</i> , 2015, 6, 4602-4614.	0.8	38
128	International standardization of four dimensional radiotherapy system. <i>Synthesiology</i> , 2015, 7, 229-238.	0.2	2
129	Prognostic Factors for Survival in Patients with High-Grade Meningioma and Recurrence-Risk Stratification for Application of Radiotherapy. <i>PLoS ONE</i> , 2014, 9, e97108.	1.1	19
130	Cost-effectiveness analysis of cochlear dose reduction by proton beam therapy for medulloblastoma in childhood. <i>Journal of Radiation Research</i> , 2014, 55, 320-327.	0.8	28
131	Prospective Phase II Study of Image-guided Local Boost Using a Real-time Tumor-tracking Radiotherapy (TRT) System for Locally Advanced Bladder Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2014, 44, 28-35.	0.6	6
132	The value of 4-month neurocognitive function as an endpoint in brain metastases trials. <i>Journal of Neuro-Oncology</i> , 2014, 120, 311-319.	1.4	18
133	Design, development of water tank-type lung phantom and dosimetric verification in institutions participating in a phase I study of stereotactic body radiation therapy in patients with T2N0M0 non-small cell lung cancer: Japan Clinical Oncology Group trial (JCOG0702). <i>Journal of Radiation Research</i> , 2014, 55, 600-607.	0.8	11
134	Dosimetric comparison between intensity-modulated radiotherapy and standard wedged tangential technique for whole-breast radiotherapy in Asian women with relatively small breast volumes. <i>Radiological Physics and Technology</i> , 2014, 7, 67-72.	1.0	11
135	The incidence of late neck recurrence in NO maxillary sinus squamous cell carcinomas after superselective intra-arterial chemoradiotherapy without prophylactic neck irradiation. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 2767-2770.	0.8	5
136	Sustained elevation of Snail promotes glial-mesenchymal transition after irradiation in malignant glioma. <i>Neuro-Oncology</i> , 2014, 16, 671-685.	0.6	139
137	Intravoxel incoherent motion diffusion-weighted imaging in head and neck squamous cell carcinoma: Assessment of perfusion-related parameters compared to dynamic contrast-enhanced MRI. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1206-1213.	1.0	69
138	Arterial spin labeling to determine tumor viability in head and neck cancer before and after treatment. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 920-928.	1.9	40
139	Quantification of myocardial blood flow using dynamic 320-row multi-detector CT as compared with 15O-H <sub>2</sub> O PET. <i>European Radiology</i> , 2014, 24, 1547-1556.	2.3	87
140	Influence of respiration on dose calculation in stereotactic body radiotherapy of the lung. <i>Radiological Physics and Technology</i> , 2014, 7, 284-289.	1.0	2
141	Cell type-specific reciprocal regulation of HIF1A gene expression is dependent on 5' and 3'-UTRs. <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 638-643.	1.0	12
142	A Proton Beam Therapy System Dedicated to Spot-Scanning Increases Accuracy with Moving Tumors by Real-Time Imaging and Gating and Reduces Equipment Size. <i>PLoS ONE</i> , 2014, 9, e94971.	1.1	72
143	3D neuromelanin-sensitive magnetic resonance imaging with semi-automated volume measurement of the substantia nigra pars compacta for diagnosis of Parkinson's disease. <i>Neuroradiology</i> , 2013, 55, 719-724.	1.1	107
144	Impaired integrity of the brain parenchyma in non-geriatric patients with major depressive disorder revealed by diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2013, 212, 208-215.	0.9	28

#	ARTICLE	IF	CITATIONS
145	Irradiation-tolerant lung cancer cells acquire invasive ability dependent on dephosphorylation of the myosin regulatory light chain. <i>FEBS Letters</i> , 2013, 587, 732-736.	1.3	13
146	Regional control after concomitant chemoradiotherapy without planned neck dissection in node-positive head and neck squamous cell carcinomas. <i>Auris Nasus Larynx</i> , 2013, 40, 211-215.	0.5	4
147	Development of the compact proton beam therapy system dedicated to spot scanning with real-time tumor-tracking technology. <i>AIP Conference Proceedings</i> , 2013, , .	0.3	9
148	Guidelines for respiratory motion management in radiation therapy. <i>Journal of Radiation Research</i> , 2013, 54, 561-568.	0.8	49
149	Longitudinal comparison of quality of life after real-time tumor-tracking intensity-modulated radiation therapy and radical prostatectomy in patients with localized prostate cancer. <i>Journal of Radiation Research</i> , 2013, 54, 1095-1101.	0.8	15
150	Accuracy and Reliability Assessment of CT and MR Perfusion Analysis Software Using a Digital Phantom. <i>Radiology</i> , 2013, 267, 201-211.	3.6	131
151	Dose-volume analysis for respiratory toxicity in intrathoracic esophageal cancer patients treated with definitive chemoradiotherapy using extended fields. <i>Journal of Radiation Research</i> , 2013, 54, 1085-1094.	0.8	21
152	High Reproducibility of Tumor Hypoxia Evaluated by $^{18}\text{F}$ -Fluoromisonidazole PET for Head and Neck Cancer. <i>Journal of Nuclear Medicine</i> , 2013, 54, 201-207.	2.8	134
153	Integration of a real-time tumor monitoring system into gated proton spot-scanning beam therapy: An initial phantom study using patient tumor trajectory data. <i>Medical Physics</i> , 2013, 40, 071729.	1.6	36
154	Detection of Brain Metastases by 3-Dimensional Magnetic Resonance Imaging at 3 T. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 84-90.	0.5	12
155	Lung Cancer Cells That Survive Ionizing Radiation Show Increased Integrin $\alpha 2\beta 1$ - and EGFR-Dependent Invasiveness. <i>PLoS ONE</i> , 2013, 8, e70905.	1.1	25
156	Co-Overexpression of GEP100 and AMAP1 Proteins Correlates with Rapid Local Recurrence after Breast Conservative Therapy. <i>PLoS ONE</i> , 2013, 8, e76791.	1.1	19
157	Use of dMLC for implementation of dynamic respiratory-gated radiation therapy. <i>Medical Physics</i> , 2013, 40, 101708.	1.6	5
158	Preoperative Percutaneous Transhepatic Portal Vein Embolization With Ethanol Injection. <i>American Journal of Roentgenology</i> , 2012, 198, 914-922.	1.0	49
159	A Pitfall of C-11 Methionine PET. <i>Clinical Nuclear Medicine</i> , 2012, 37, 110-111.	0.7	4
160	Graphical representation of the effects on tumor and OAR for determining the appropriate fractionation regimen in radiation therapy planning. <i>Medical Physics</i> , 2012, 39, 6791-6795.	1.6	7
161	Biological effect of dose distortion by fiducial markers in spot-scanning proton therapy with a limited number of fields: A simulation study. <i>Medical Physics</i> , 2012, 39, 5584-5591.	1.6	26
162	Combined modality therapy for laryngeal cancer with superselective intra-arterial cisplatin infusion and concomitant radiotherapy. <i>International Journal of Clinical Oncology</i> , 2012, 17, 441-446.	1.0	8

#	ARTICLE	IF	CITATIONS
163	Rapid superselective high-dose cisplatin infusion with concomitant radiotherapy for squamous cell carcinoma of the nasal vestibule: a report of two cases. <i>International Cancer Conference Journal</i> , 2012, 1, 215-219.	0.2	1
164	Rab5c promotes AMAP1-PRKD2 complex formation to enhance $\beta$ 1 integrin recycling in EGF-induced cancer invasion. <i>Journal of Cell Biology</i> , 2012, 197, 983-996.	2.3	93
165	Feasibility of a dual microcatheter-dual interlocking detachable coil technique in preoperative embolization in preparation for distal pancreatectomy with en bloc celiac axis resection for locally advanced pancreatic body cancer. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2012, 19, 431-437.	1.4	26
166	Real-time 4D radiotherapy for lung cancer. <i>Cancer Science</i> , 2012, 103, 1-6.	1.7	47
167	Usefulness of portography and contrast-enhanced computed tomography to predict the embolized area in percutaneous transhepatic portal vein embolization with absolute ethanol under temporary balloon occlusion. <i>Japanese Journal of Radiology</i> , 2012, 30, 53-61.	1.0	2
168	Simulation for a Real-time Positioning System for Radiotherapy Based on Annihilation Gamma-rays' Detection from a Radiopharmaceutical Concentrated Tumor. <i>Progress in Nuclear Science and Technology</i> , 2012, 3, 124-126.	0.3	0
169	Non-invasive measurement of oxygen saturation in the spinal vein using SWI: Quantitative evaluation under conditions of physiological and caffeine load. <i>NeuroImage</i> , 2011, 54, 344-349.	2.1	16
170	Lower aerobic capacity was associated with abnormal intramuscular energetics in patients with metabolic syndrome. <i>Hypertension Research</i> , 2011, 34, 1029-1034.	1.5	26
171	Renal cortical volume measured using automatic contouring software for computed tomography and its relationship with BMI, age and renal function. <i>European Journal of Radiology</i> , 2011, 78, 151-156.	1.2	46
172	Rapid estimation of split renal function in kidney donors using software developed for computed tomographic renal volumetry. <i>European Journal of Radiology</i> , 2011, 79, 15-20.	1.2	44
173	Use of Implanted Markers and Interportal Adjustment With Real-Time Tracking Radiotherapy System to Reduce Intrafraction Prostate Motion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e393-e399.	0.4	28
174	Dynamic MR Findings of Ductal Carcinoma in Situ within a Fibroadenoma. <i>Magnetic Resonance in Medical Sciences</i> , 2011, 10, 129-132.	1.1	11
175	Comparison of 1H MR Spectroscopy, 3-point DIXON, and Multi-echo Gradient Echo for Measuring Hepatic Fat Fraction. <i>Magnetic Resonance in Medical Sciences</i> , 2011, 10, 41-48.	1.1	20
176	Improved Detection of Heat Stroke-Induced Brain Injury by High B-Value Diffusion-Weighted Imaging. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 498-500.	0.5	10
177	Dynamic gating window for compensation of baseline shift in respiratory-gated radiation therapy. <i>Medical Physics</i> , 2011, 38, 1912-1918.	1.6	30
178	Efficacy of therapy for advanced hepatocellular carcinoma: Intra-arterial 5-fluorouracil and subcutaneous interferon with image-guided radiation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2011, 26, 1123-1132.	1.4	34
179	Susceptibility of Tmax to Tracer Delay on Perfusion Analysis: Quantitative Evaluation of Various Deconvolution Algorithms Using Digital Phantoms. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 908-912.	2.4	33
180	Identification and further differentiation of subendocardial and transmural myocardial infarction by fast strain-encoded (SENC) magnetic resonance imaging at 3.0 Tesla. <i>European Radiology</i> , 2011, 21, 2362-2368.	2.3	42

#	ARTICLE	IF	CITATIONS
181	Simplified approach to MR image quantification of the rheumatoid wrist: a pilot study. <i>Skeletal Radiology</i> , 2011, 40, 65-74.	1.2	6
182	Monitoring anti-interleukin 6 receptor antibody treatment for rheumatoid arthritis by quantitative magnetic resonance imaging of the hand and power Doppler ultrasonography of the finger. <i>Skeletal Radiology</i> , 2011, 40, 745-755.	1.2	32
183	Single-slice epicardial fat area measurement: do we need to measure the total epicardial fat volume?. <i>Japanese Journal of Radiology</i> , 2011, 29, 104-109.	1.0	30
184	Mapping of Cerebral Oxygen Extraction Fraction Changes with Susceptibility-weighted Phase Imaging. <i>Radiology</i> , 2011, 261, 930-936.	3.6	39
185	Concomitant Weekly Cisplatin and Radiotherapy for Head and Neck Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 980-986.	0.6	75
186	Radiotherapy for Glottic T1N0 Carcinoma with Slight Hypofractionation and Standard Overall Treatment Time: Importance of Overall Treatment Time. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 103-109.	0.6	13
187	Long-term Outcomes of Fractionated Stereotactic Radiotherapy for Intracranial Skull Base Benign Meningiomas in Single Institution. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 462-468.	0.6	31
188	9H-06 Optimal Treatment Plan for Radiotherapy considering Anatomical Changes of Tumor. <i>The Proceedings of the Bioengineering Conference Annual Meeting of BED/JISME</i> , 2011, 2010.23, 443-444.	0.0	0
189	Susceptibility-Weighted Imaging of Cerebral Fat Embolism. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 107-112.	0.5	35
190	Metastases in Mediastinal and Hilar Lymph Nodes in Patients With Non-Small Cell Lung Cancer. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 1-8.	0.5	61
191	Semi-quantitative analysis of rheumatoid finger joint synovitis using power Doppler ultrasonography: when to perform follow-up study after treatment consisting mainly of antitumor necrosis factor alpha agent. <i>Skeletal Radiology</i> , 2010, 39, 457-465.	1.2	18
192	Extramedullary plasmacytoma involving perirenal space accompanied by extramedullary hematopoiesis and amyloid deposition. <i>Japanese Journal of Radiology</i> , 2010, 28, 309-313.	1.0	3
193	A parameter study of pencil beam proton dose distributions for the treatment of ocular melanoma utilizing spot scanning. <i>Radiological Physics and Technology</i> , 2010, 3, 16-22.	1.0	1
194	Detection of normal spinal veins by using susceptibility-weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 32-38.	1.9	21
195	Cesium Implant for Tongue Carcinoma with a Thickness of 1.5 cm or More: Cases Successfully Treated with a Modified Manchester System. <i>Yonsei Medical Journal</i> , 2010, 51, 557.	0.9	0
196	High Dose Three-Dimensional Conformal Boost Using the Real-Time Tumor Tracking Radiotherapy System in Cervical Cancer Patients Unable to Receive Intracavitary Brachytherapy. <i>Yonsei Medical Journal</i> , 2010, 51, 93.	0.9	9
197	Clinical Outcomes of Stereotactic Brain and/or Body Radiotherapy for Patients with Oligometastatic Lesions. <i>Japanese Journal of Clinical Oncology</i> , 2010, 40, 788-794.	0.6	62
198	Local Radiation Therapy Inhibits Tumor Growth through the Generation of Tumor-Specific CTL: Its Potentiation by Combination with Th1 Cell Therapy. <i>Cancer Research</i> , 2010, 70, 2697-2706.	0.4	206

#	ARTICLE	IF	CITATIONS
199	Microstructural White Matter Abnormalities of Multiple System Atrophy: In Vivo Topographic Illustration by Using Diffusion-Tensor MR Imaging. <i>Radiology</i> , 2010, 255, 563-569.	3.6	51
200	Spinal Arteriovenous Malformation: Evaluation of Change in Venous Oxygenation with Susceptibility-weighted MR Imaging after Treatment. <i>Radiology</i> , 2010, 254, 891-899.	3.6	18
201	Contrast-Enhanced Whole-Body Joint MRI in Patients With Unclassified Arthritis Who Develop Early Rheumatoid Arthritis Within 2 Years: Feasibility Study and Correlation With MRI Findings of the Hands. <i>American Journal of Roentgenology</i> , 2010, 195, W287-W292.	1.0	17
202	Differences in CT Perfusion Maps Generated by Different Commercial Software: Quantitative Analysis by Using Identical Source Data of Acute Stroke Patients. <i>Radiology</i> , 2010, 254, 200-209.	3.6	292
203	Integrin $\beta$ 1-dependent invasive migration of irradiation-tolerant human lung adenocarcinoma cells in 3D collagen matrix. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 651-655.	1.0	23
204	64-Slice MDCT imaging of endocardial cushion defect associated with other cardiac and extracardiac abnormalities. <i>Journal of Cardiovascular Computed Tomography</i> , 2010, 4, 218-220.	0.7	0
205	Increased Motility and Invasiveness in Tumor Cells That Survive 10 Gy Irradiation. <i>Cell Structure and Function</i> , 2009, 34, 89-96.	0.5	29
206	A New PET Scanner with Semiconductor Detectors Enables Better Identification of Intratumoral Inhomogeneity. <i>Journal of Nuclear Medicine</i> , 2009, 50, 148-155.	2.8	41
207	Difference in Tracer Delay $\alpha$ -induced Effect among Deconvolution Algorithms in CT Perfusion Analysis: Quantitative Evaluation with Digital Phantoms. <i>Radiology</i> , 2009, 251, 241-249.	3.6	97
208	A web-based remote radiation treatment planning system using the remote desktop function of a computer operating system: a preliminary report. <i>Journal of Telemedicine and Telecare</i> , 2009, 15, 414-418.	1.4	4
209	Superselective high-dose cisplatin infusion with concomitant radiotherapy in patients with advanced cancer of the nasal cavity and paranasal sinuses. <i>Cancer</i> , 2009, 115, 4705-4714.	2.0	106
210	Can hybrid FDG-PET/CT detect subclinical lymph node metastasis of esophageal cancer appropriately and contribute to radiation treatment planning? A comparison of image-based and pathological findings. <i>International Journal of Clinical Oncology</i> , 2009, 14, 421-425.	1.0	39
211	Sonazoid-enhanced sonography for guiding radiofrequency ablation for hepatocellular carcinoma: better tumor visualization by Kupffer-phase imaging and vascular-phase imaging after reinjection. <i>Japanese Journal of Radiology</i> , 2009, 27, 185-193.	1.0	32
212	Alveolar hydatid disease of the adrenal gland: computed tomography and magnetic resonance imaging findings. <i>Japanese Journal of Radiology</i> , 2009, 27, 225-228.	1.0	8
213	Value of fluorodeoxyglucose positron emission tomography before radiotherapy for head and neck cancer: does the standardized uptake value predict treatment outcome?. <i>Japanese Journal of Radiology</i> , 2009, 27, 237-242.	1.0	18
214	Synchronous monitoring of external/internal respiratory motion: validity of respiration-gated radiotherapy for liver tumors. <i>Japanese Journal of Radiology</i> , 2009, 27, 285-289.	1.0	19
215	Intravenous pyogenic granuloma of the finger. <i>Japanese Journal of Radiology</i> , 2009, 27, 328-332.	1.0	11
216	Power Doppler ultrasound of rheumatoid synovitis: quantification of vascular signal and analysis of interobserver variability. <i>Skeletal Radiology</i> , 2009, 38, 467-472.	1.2	26

#	ARTICLE	IF	CITATIONS
217	Combination immunotherapy with radiation and CpG-based tumor vaccination for the eradication of radio- and immuno-resistant lung carcinoma cells. <i>Cancer Science</i> , 2009, 100, 934-939.	1.7	38
218	Alternative approach in the treatment of adrenal metastasis with a real-time tracking radiotherapy in patients with hormone refractory prostate cancer. <i>International Journal of Urology</i> , 2009, 16, 410-412.	0.5	8
219	Outcome of MR-guided percutaneous cryoablation for hepatocellular carcinoma. <i>Journal of Hepato-Biliary-Pancreatic Surgery</i> , 2009, 16, 816-823.	2.0	48
220	Intra-articular nodular fasciitis in the elbow joint, with an emphasis on MR imaging findings. <i>European Journal of Radiology Extra</i> , 2009, 69, e33-e36.	0.1	5
221	Predominant tubulointerstitial nephritis in a patient with systemic lupus erythematosus with an emphasis on CT and MR imaging findings. <i>European Journal of Radiology Extra</i> , 2009, 72, e87-e90.	0.1	1
222	Radiation pneumonitis in patients treated for malignant pulmonary lesions with hypofractionated radiation therapy. <i>Radiotherapy and Oncology</i> , 2009, 91, 307-313.	0.3	133
223	Volume-rendering and endocardial views of partially unroofed coronary sinus with 64-slice multidetector CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2009, 3, 346-347.	0.7	6
224	Reduction of Bed Rest Time after Transfemoral Noncardiac Angiography from 4 Hours to 2 Hours: A Randomized Trial and a One-arm Study. <i>Journal of Vascular and Interventional Radiology</i> , 2009, 20, 587-592.	0.2	11
225	Computer Simulation of Radiotherapy for Malignant Tumor - A Mechanical Analogy Method -. <i>Journal of Biomechanical Science and Engineering</i> , 2009, 4, 576-588.	0.1	6
226	Analysis of Three-Dimensional Characteristics in Tumor Morphology. <i>Journal of Biomechanical Science and Engineering</i> , 2009, 4, 221-229.	0.1	2
227	Late recurrence and salvage therapy of CNS germinomas. <i>Journal of Neuro-Oncology</i> , 2008, 90, 205-211.	1.4	42
228	Evaluation of the vascular supply to regions of the pancreas on CT during arteriography. <i>Abdominal Imaging</i> , 2008, 33, 563-570.	2.0	10
229	Surgical complications of salvage total laryngectomy following concurrent chemoradiotherapy. <i>International Journal of Clinical Oncology</i> , 2008, 13, 521-527.	1.0	81
230	Exhale fluctuation in respiratory-gated radiotherapy of the lung: A pitfall of respiratory gating shown in a synchronized internal/external marker recording study. <i>Radiotherapy and Oncology</i> , 2008, 86, 69-76.	0.3	36
231	Real-time tumor-tracking radiotherapy for adrenal tumors. <i>Radiotherapy and Oncology</i> , 2008, 87, 418-424.	0.3	70
232	Transcatheter Arterial Embolization with Absolute Ethanol Injection for Enlarged Polycystic Kidneys after Failed Metallic Coil Embolization. <i>Journal of Vascular and Interventional Radiology</i> , 2008, 19, 267-271.	0.2	25
233	Low-dose Craniospinal Irradiation and Ifosfamide, Cisplatin and Etoposide for Non-metastatic Embryonal Tumors in the Central Nervous System. <i>Japanese Journal of Clinical Oncology</i> , 2008, 38, 486-492.	0.6	12
234	De Novo Formation of Cavernoma After Radiosurgery for Adult Cerebral Arteriovenous Malformation -Case Report-. <i>Neurologia Medico-Chirurgica</i> , 2008, 48, 397-400.	1.0	47

#	ARTICLE	IF	CITATIONS
235	Splenic Peliosis Mimicking a Solid Tumor. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 890-892.	0.5	3
236	Accuracy of tumor motion compensation algorithm from a robotic respiratory tracking system: A simulation study. <i>Medical Physics</i> , 2007, 34, 2774-2784.	1.6	227
237	Internal-external correlation investigations of respiratory induced motion of lung tumors. <i>Medical Physics</i> , 2007, 34, 3893-3903.	1.6	177
238	The management of imaging dose during image-guided radiotherapy: Report of the AAPM Task Group 75. <i>Medical Physics</i> , 2007, 34, 4041-4063.	1.6	464
239	Hypofractionated Stereotactic Radiotherapy (HypoFXSRT) for Stage I Non-small Cell Lung Cancer: Updated Results of 257 Patients in a Japanese Multi-institutional Study. <i>Journal of Thoracic Oncology</i> , 2007, 2, S94-S100.	0.5	882
240	Influence of Surgical Staples on Radiofrequency Ablation Using Multitined Expandable Electrodes. <i>CardioVascular and Interventional Radiology</i> , 2007, 30, 1201-1205.	0.9	2
241	Combination tumor immunotherapy with radiotherapy and Th1 cell therapy against murine lung carcinoma. <i>Clinical and Experimental Metastasis</i> , 2007, 24, 533-540.	1.7	9
242	Organ motion in image-guided radiotherapy: lessons from real-time tumor-tracking radiotherapy. <i>International Journal of Clinical Oncology</i> , 2007, 12, 8-16.	1.0	67
243	Efficacy of preoperative radiotherapy to portal vein tumor thrombus in the main trunk or first branch in patients with hepatocellular carcinoma. <i>International Journal of Clinical Oncology</i> , 2007, 12, 363-368.	1.0	49
244	Experience of high-dose-rate brachytherapy for head and neck cancer treated by a customized intraoral mold technique. <i>Radiation Medicine</i> , 2007, 25, 181-186.	0.8	23
245	Correlation between parameters describing tumour motion and its location in the lungs. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2007, 30, 341-4.	1.4	2
246	Characteristics of Patients Who Developed Radiation Pneumonitis Requiring Steroid Therapy After Stereotactic Irradiation for Lung Tumors. <i>Cancer Journal (Sudbury, Mass )</i> , 2006, 12, 41-46.	1.0	29
247	Hypofractionated radiotherapy boost for dose escalation as a treatment option for high-grade spinal cord astrocytic tumor. <i>Journal of Neuro-Oncology</i> , 2006, 78, 63-69.	1.4	16
248	"Watch-and-see" policy for the clinically positive neck in head and neck cancer treated with chemoradiotherapy. <i>International Journal of Clinical Oncology</i> , 2006, 11, 441-448.	1.0	15
249	Stereotactic Radiosurgery Plus Whole-Brain Radiation Therapy vs Stereotactic Radiosurgery Alone for Treatment of Brain Metastases. <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 2483.	3.8	1,955
250	A Novel Approach to Advanced Carcinoma of the Tongue: Cases Successfully Treated with Combination of Superselective Intra-Arterial Chemotherapy and External/High-Dose-Rate Interstitial Radiotherapy. <i>Japanese Journal of Clinical Oncology</i> , 2006, 36, 822-826.	0.6	10
251	Residual motion of lung tumors in end-of-inhale respiratory gated radiotherapy based on external surrogates. <i>Medical Physics</i> , 2006, 33, 4149-4156.	1.6	66
252	Long-Term Results of Ethmoid Squamous Cell or Undifferentiated Carcinoma Treated with Radiotherapy with or without Surgery. <i>Cancer Journal (Sudbury, Mass )</i> , 2005, 11, 152-156.	1.0	9

#	ARTICLE	IF	CITATIONS
253	Application of Real-Time Tumor-Tracking and Gated Radiotherapy System for Unresectable Pancreatic Cancer. <i>Yonsei Medical Journal</i> , 2004, 45, 584.	0.9	22
254	Intrafractional tumor motion: lung and liver. <i>Seminars in Radiation Oncology</i> , 2004, 14, 10-18.	1.0	337
255	Stereotactic hypofractionated high-dose irradiation for stage I nonsmall cell lung carcinoma. <i>Cancer</i> , 2004, 101, 1623-1631.	2.0	849
256	Feasibility of synchronization of real-time tumor-tracking radiotherapy and intensity-modulated radiotherapy from viewpoint of excessive dose from fluoroscopy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 60, 335-341.	0.4	84
257	Methionine PET in differentiating recurrent brain tumor from radiation necrosis following cranial radiation. <i>International Congress Series</i> , 2004, 1264, 217-221.	0.2	3
258	High dose three-dimensional conformal boost (3DCB) using an orthogonal diagnostic X-ray set-up for patients with gynecological malignancy: a new application of real-time tumor-tracking system. <i>Radiotherapy and Oncology</i> , 2004, 73, 219-222.	0.3	25
259	Randomized Phase II Trial of Concomitant Chemoradiotherapy Using Weekly Carboplatin or Daily Low-Dose Cisplatin for Squamous Cell Carcinoma of the Head and Neck. <i>Cancer Journal (Sudbury, Tj ETQq1 1 0.784014 rgBT / Overlook</i>		
260	Visualization of the corticospinal tract pathway using magnetic resonance axonography and magnetoencephalography for stereotactic irradiation planning of arteriovenous malformations. <i>Radiotherapy and Oncology</i> , 2003, 68, 27-32.	0.3	12
261	External Beam Radiation Monotherapy for Localized or Locally Advanced Prostate Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2003, 33, 73-77.	0.6	6
262	Management of vestibular schwannoma by fractionated stereotactic radiotherapy and associated cerebrospinal fluid malabsorption. <i>Journal of Neurosurgery</i> , 2003, 99, 685-692.	0.9	94
263	Focal fractionated radiotherapy for intramedullary spinal arteriovenous malformations: 10-year experience. <i>Journal of Neurosurgery: Spine</i> , 2003, 99, 34-38.	0.9	24
264	Reduction in Acute Morbidity Using Hypofractionated Intensity-Modulated Radiation Therapy Assisted with a Fluoroscopic Real-Time Tumor-Tracking System for Prostate Cancer. <i>Cancer Journal (Sudbury, Tj ETQq0 0 0 ngBT / Overlook 10 F</i>		
265	SUPERSELECTIVE ARTERIAL INFUSION AND CONCOMITANT RADIOTHERAPY FOR ADVANCED HEAD AND NECK CANCER. <i>Japanese Journal of Head and Neck Cancer</i> , 2003, 29, 450-456.	0.1	9
266	Efficacy of Intense Screening and Treatment for Synchronous Second Primary Cancers in Patients with Esophageal Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2002, 32, 120-127.	0.6	42
267	Registration accuracy and possible migration of internal fiducial gold marker implanted in prostate and liver treated with real-time tumor-tracking radiation therapy (RTRT). <i>Radiotherapy and Oncology</i> , 2002, 62, 275-281.	0.3	176
268	Induction Chemotherapy Followed by Low-Dose Involved-Field Radiotherapy for Intracranial Germ Cell Tumors. <i>Journal of Clinical Oncology</i> , 2002, 20, 857-865.	0.8	162
269	A prospective, randomized trial comparing neoadjuvant chemotherapy with radiotherapy alone in patients with advanced nasopharyngeal carcinoma. <i>Cancer</i> , 2002, 94, 2217-2223.	2.0	171
270	Small-volume image-guided radiotherapy using hypofractionated, coplanar, and noncoplanar multiple fields for patients with inoperable Stage I nonsmall cell lung carcinomas. <i>Cancer</i> , 2002, 95, 1546-1553.	2.0	129



#	ARTICLE	IF	CITATIONS
271	Real-time tumor-tracking radiation therapy for lung carcinoma by the aid of insertion of a gold marker using bronchofiberscopy. <i>Cancer</i> , 2002, 95, 1720-1727.	2.0	157
272	Precise and real-time measurement of 3D tumor motion in lung due to breathing and heartbeat, measured during radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 822-834.	0.4	1,251
273	Three-dimensional conformal radiotherapy for astrocytic tumors involving the eloquent area in children and young adults. <i>Journal of Neuro-Oncology</i> , 2002, 60, 177-183.	1.4	12
274	Treatment outcome of single or hypofractionated single-isocentric stereotactic irradiation (STI) using a linear accelerator for intracranial arteriovenous malformation. <i>Radiotherapy and Oncology</i> , 2001, 59, 323-328.	0.3	66
275	Annual rate of hearing loss falls after fractionated stereotactic irradiation for vestibular schwannoma. <i>Radiotherapy and Oncology</i> , 2001, 60, 45-48.	0.3	29
276	Computer-controlled, image-guided, new conformal radiotherapy for advanced head and neck cancer. <i>International Congress Series</i> , 2001, 1230, 500-505.	0.2	0
277	Clinical efficacy of telemedicine in emergency radiotherapy for malignant spinal cord compression. <i>Journal of Digital Imaging</i> , 2001, 14, 124-130.	1.6	11
278	Radiotherapy with Concurrent Chemotherapy for Vulvar Adenocarcinoma Associated with Extramammary Paget's Disease. <i>Gynecologic Oncology</i> , 2001, 80, 267-271.	0.6	14
279	Prevention of vaginal shortening following radical hysterectomy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2000, 107, 841-845.	1.1	12
280	An integrated service digital network (ISDN)-based international telecommunication between Samsung Medical Center and Hokkaido University using telecommunication helped radiotherapy planning and information system (THERAPIS). <i>Radiotherapy and Oncology</i> , 2000, 56, 121-123.	0.3	15
281	The role of radiotherapy in treating squamous cell carcinoma of the external auditory canal, especially in early stages of disease. <i>Radiotherapy and Oncology</i> , 2000, 56, 221-225.	0.3	53
282	Ipsilateral irradiation for carcinomas of tonsillar region and soft palate based on computed tomographic simulation. <i>Radiotherapy and Oncology</i> , 2000, 54, 117-121.	0.3	43
283	CONCURRENT CHEMOTHERAPY AND RADIOOTHERAPY AS INITIAL TREATMENT FOR HYPOPHARYNGEAL SQUAMOUS CARCINOMA. <i>Japanese Journal of Head and Neck Cancer</i> , 2000, 26, 476-482.	0.1	2
284	Comparison between observation policy and fractionated stereotactic radiotherapy (SRT) as an initial management for vestibular schwannoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 44, 545-550.	0.4	90
285	On "Comparison of Methods for Response Analysis of Central Nervous System Neoplasms" <i>Journal of Radiosurgery</i> , 1999, 2, 163-165.	0.1	0
286	Dose-Volume Analysis of Stereotactic Irradiation for Lung Tumors. <i>Journal of Radiosurgery</i> , 1999, 2, 239-245.	0.1	3
287	Real-time tumour-tracking radiotherapy. <i>Lancet, The</i> , 1999, 353, 1331-1332.	6.3	256
288	Three-dimensional movement of a liver tumor detected by high-speed magnetic resonance imaging. <i>Radiotherapy and Oncology</i> , 1999, 50, 367-370.	0.3	95

#	ARTICLE	IF	CITATIONS
289	Small-field fractionated radiotherapy with or without stereotactic boost for vestibular schwannoma. <i>Radiotherapy and Oncology</i> , 1999, 50, 341-347.	0.3	20
290	Effect of Temporary Hepatic Venous Occlusion on Hepatic Arterial Embolization. <i>Investigative Radiology</i> , 1999, 34, 341.	3.5	1
291	Radical radiotherapy for oropharyngeal carcinomas.. <i>Japanese Journal of Head and Neck Cancer</i> , 1999, 25, 30-35.	0.1	0
292	A hospital-wide PACS: 7 year experience and new development. <i>Computer Methods and Programs in Biomedicine</i> , 1998, 57, 5-12.	2.6	4
293	High-dose-rate intracavitary irradiation using linear source arrangement for stage II and III squamous cell carcinoma of the uterine cervix. <i>Radiotherapy and Oncology</i> , 1998, 47, 207-213.	0.3	22
294	A new mold material for customized patient positioning in radiotherapy. <i>Radiotherapy and Oncology</i> , 1998, 47, 77-79.	0.3	13
295	Pathologically-proven intracranial germinoma treated with radiation therapy. <i>Radiotherapy and Oncology</i> , 1998, 47, 201-205.	0.3	62
296	Retrospective multi-institutional study of radiotherapy for intracranial non-germinomatous germ cell tumors. <i>Radiotherapy and Oncology</i> , 1998, 49, 55-59.	0.3	33
297	Audiological assessment before and after fractionated stereotactic irradiation for vestibular schwannoma. <i>Radiotherapy and Oncology</i> , 1998, 49, 185-190.	0.3	28
298	Induction chemotherapy followed by reduced-volume radiation therapy for newly diagnosed central nervous system germinoma. <i>Journal of Neurosurgery</i> , 1998, 88, 66-72.	0.9	118
299	Teratomas of the central nervous system: treatment considerations based on 34 cases. <i>Journal of Neurosurgery</i> , 1998, 89, 728-737.	0.9	53
300	Stereotactic irradiation using a linear accelerator for brain metastasis from renal cell carcinoma. <i>International Journal of Clinical Oncology</i> , 1997, 2, 73-76.	1.0	5
301	Combined chemotherapy with twice-daily radiation therapy for inoperable squamous cell carcinoma of the thoracic esophagus. <i>International Journal of Clinical Oncology</i> , 1997, 2, 189-196.	1.0	0
302	Reduction of radiation-induced xerostomia in nasopharyngeal carcinoma using CT simulation with laser patient marking and three-field irradiation technique. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 38, 705-712.	0.4	46
303	2075 Clinical trial of neoadjuvant chemotherapy combined with radiotherapy for primary intracranial germinomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 39, 278.	0.4	2
304	2217 New customized patient repositioning system for use in three dimensional (3D) treatment planning and radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 39, 349.	0.4	1
305	Combined Irradiation and Chemotherapy Using Ifosfamide, Cisplatin, and Etoposide for Children with Medulloblastoma/Posterior Fossa Primitive Neuroectodermal Tumor "Results of a Pilot Study". <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 632-638.	1.0	19
306	Long-term Evaluation of Radiation-induced Brain Damage by Serial Magnetic Resonance Imaging. <i>Neurologia Medico-Chirurgica</i> , 1996, 36, 870-876.	1.0	1

#	ARTICLE	IF	CITATIONS
307	Radionuclide venography as a clue to the diagnosis of Budd-Chiari syndrome. <i>Annals of Nuclear Medicine</i> , 1996, 10, 139-142.	1.2	1
308	Factors associated with tumor response and survival in radiosurgery for brain metastasis. <i>International Journal of Clinical Oncology</i> , 1996, 1, 23-30.	1.0	1
309	Clinical application of the computer picture archiving and communicating system to stereotactic radiosurgery. <i>Journal of Digital Imaging</i> , 1996, 9, 119-122.	1.6	2
310	1024 Is there a role for stereotactic irradiation (STI) alone without whole brain irradiation (WBI) for solitary brain metastasis?. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 36, 256.	0.4	0
311	Treatment results of nasopharyngeal carcinoma. Effect of neoadjuvant chemotherapy.. <i>Japanese Journal of Head and Neck Cancer</i> , 1996, 22, 135-138.	0.1	0
312	Tumor Cell Dna Content And Radiation Response In Head And Neck Squamous Cell Carcinoma. <i>Acta Oncol3gica</i> , 1995, 34, 977-978.	0.8	1
313	A mathematical model of the volume effect which postulates cell migration from unirradiated tissues. <i>Radiotherapy and Oncology</i> , 1995, 35, 227-231.	0.3	16
314	Morphological and functional preservation of radiation treatment.. <i>Japanese Journal of Head and Neck Cancer</i> , 1995, 21, 576-580.	0.1	1
315	Precise positioning of intracranial small tumors to the linear accelerator's isocenter, using a stereotactic radiotherapy computed tomography system (SRT-CT). <i>Radiotherapy and Oncology</i> , 1994, 32, 180-183.	0.3	19
316	Neo-adjuvant therapy in head and neckcancer. A trial with carboplatin(CBDCA) and simultaneous radiotherapy.. <i>Japanese Journal of Head and Neck Cancer</i> , 1994, 20, 520-524.	0.1	2
317	Squamous Cell Carcinoma Antigen in Serum for Monitoring of Head and Neck and Uterine Cervical Squamous Cell Carcinomas After Radiotherapy. <i>Acta Oncol3gica</i> , 1993, 32, 663-666.	0.8	16
318	Relation Between Preoperative Ct Findings in Rectal Cancer and Local Recurrence Rate: A Pilot Study. <i>Acta Oncol3gica</i> , 1993, 32, 555-558.	0.8	5
319	Direction of pion-induced radioactivity by autoradiography and positron emission tomography. <i>Medical Physics</i> , 1989, 16, 338-345.	1.6	1
320	The role of radiotherapy in the management of maxillary sinus carcinoma. <i>Cancer</i> , 1986, 57, 2261-2266.	2.0	80
321	Early stage head and neck non-Hodgkin's lymphoma. The effect of tumor burden on prognosis. <i>Cancer</i> , 1986, 58, 2312-2319.	2.0	27