

Masahiro Hiraoka

List of Publications by Year in descending order

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Version: 2024-02-01

294
papers

15,127
citations

18482
62
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298
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docs citations

298
times ranked

12689
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypofractionated intensity-modulated radiotherapy with concurrent chemotherapy for elderly patients with locally advanced pancreatic carcinoma. <i>Radiation Oncology</i> , 2020, 15, 264.	2.7	7
2	The impact of age on the risk of ipsilateral breast tumor recurrence after breast-conserving therapy in breast cancer patients with a 5 mm margin treated without boost irradiation. <i>Radiation Oncology</i> , 2019, 14, 121.	2.7	6
3	Factors associated with a preference for disclosure of life expectancy information from physicians: a cross-sectional survey of cancer patients undergoing radiation therapy. <i>Supportive Care in Cancer</i> , 2019, 27, 4487-4495.	2.2	2
4	A primary analysis of a multicenter, prospective, single-arm, confirmatory trial of hypofractionated whole breast irradiation after breast-conserving surgery in Japan: JCOG0906. <i>Japanese Journal of Clinical Oncology</i> , 2019, 49, 57-62.	1.3	16
5	Regulatory mechanisms of hypoxia-inducible factor 1 activity: Two decades of knowledge. <i>Cancer Science</i> , 2018, 109, 560-571.	3.9	156
6	Effect of long fasting on myocardial accumulation in 18F-fluorodeoxyglucose positron emission tomography after chemoradiotherapy for esophageal carcinoma. <i>Journal of Radiation Research</i> , 2018, 59, 182-189.	1.6	9
7	Quality assurance of geometric accuracy based on an electronic portal imaging device and log data analysis for Dynamic WaveArc irradiation. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 234-242.	1.9	4
8	Dosimetric advantages afforded by a new irradiation technique, Dynamic WaveArc, used for accelerated partial breast irradiation. <i>Physica Medica</i> , 2018, 48, 103-110.	0.7	3
9	Five-year outcomes following hypofractionated stereotactic radiotherapy delivered in five fractions for acoustic neuromas: the mean cochlear dose may impact hearing preservation. <i>International Journal of Clinical Oncology</i> , 2018, 23, 608-614.	2.2	6
10	Geometric and dosimetric accuracy of dynamic tumor tracking during volumetric-modulated arc therapy using a gimbal mounted linac. <i>Radiotherapy and Oncology</i> , 2018, 129, 166-172.	0.6	2
11	Decreased acute toxicities of intensity-modulated radiation therapy for localized prostate cancer with prostate-based versus bone-based image guidance. <i>International Journal of Clinical Oncology</i> , 2018, 23, 158-164.	2.2	9
12	Clinical results of dynamic tumor tracking intensity-modulated radiotherapy with real-time monitoring for pancreatic cancers using a gimbal mounted linac. <i>Oncotarget</i> , 2018, 9, 23628-23635.	1.8	12
13	HIF-1 maintains a functional relationship between pancreatic cancer cells and stromal fibroblasts by upregulating expression and secretion of Sonic hedgehog. <i>Oncotarget</i> , 2018, 9, 10525-10535.	1.8	29
14	Case Series of 23 Patients Who Developed Fatal Radiation Pneumonitis After Stereotactic Body Radiotherapy for Lung Cancer. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381880132.	1.9	16
15	Evaluation of Dynamic Tumor-tracking Intensity-modulated Radiotherapy for Locally Advanced Pancreatic Cancer. <i>Scientific Reports</i> , 2018, 8, 17096.	3.3	14
16	Final report of survival and late toxicities in the Phase I study of stereotactic body radiation therapy for peripheral T2N0M0 non-small cell lung cancer (JCOG0702). <i>Japanese Journal of Clinical Oncology</i> , 2018, 48, 1076-1082.	1.3	9
17	Long-term outcomes of intensity-modulated radiotherapy following extra-pleural pneumonectomy for malignant pleural mesothelioma. <i>Acta Oncologica</i> , 2017, 56, 957-962.	1.8	5
18	Development of a four-dimensional Monte Carlo dose calculation system for real-time tumor-tracking irradiation with a gimbaled X-ray head. <i>Physica Medica</i> , 2017, 35, 59-65.	0.7	13

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19	Assessment of treatment response after lung stereotactic body radiotherapy using diffusion weighted magnetic resonance imaging and positron emission tomography: A pilot study. <i>European Journal of Radiology</i> , 2017, 92, 58-63.	2.6	12
20	Impact of sampling interval in training data acquisition on intrafractional predictive accuracy of indirect dynamic tumor tracking radiotherapy. <i>Medical Physics</i> , 2017, 44, 3899-3908.	3.0	7
21	Three-dimensional intrafractional internal target motions in accelerated partial breast irradiation using three-dimensional conformal external beam radiotherapy. <i>Radiotherapy and Oncology</i> , 2017, 124, 118-123.	0.6	12
22	Stereotactic body radiotherapy for de novo spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 295-302.	1.7	121
23	Inter- and Intrafractional Variation in the 3-Dimensional Positions of Pancreatic Tumors Due to Respiration Under Real-Time Monitoring. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 1204-1211.	0.8	24
24	Phase I study of stereotactic body radiation therapy for peripheral T2N0M0 non-small cell lung cancer (JCOG0702): Results for the group with PTV \leq 100 cc. <i>Radiotherapy and Oncology</i> , 2017, 122, 281-285.	0.6	21
25	A circadian clock gene, <i>PER2</i> , activates <i>HIF-1</i> as an effector molecule for recruitment of <i>HIF-1</i> to promoter regions of its downstream genes. <i>FEBS Journal</i> , 2017, 284, 3804-3816.	4.7	58
26	Estimation of the shielding ability of a tungsten functional paper for diagnostic x-rays and gamma rays. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 325-329.	1.9	38
27	Use of a second-dose calculation algorithm to check dosimetric parameters for the dose distribution of a first-dose calculation algorithm for lung SBRT plans. <i>Physica Medica</i> , 2017, 44, 86-95.	0.7	13
28	UCHL1-HIF-1 axis-mediated antioxidant property of cancer cells as a therapeutic target for radiosensitization. <i>Scientific Reports</i> , 2017, 7, 6879.	3.3	53
29	Geometric and dosimetric quality assurance using logfiles and a 3D helical diode detector for Dynamic WaveArc. <i>Physica Medica</i> , 2017, 43, 107-113.	0.7	5
30	Estimation of lung tumor position from multiple anatomical features on 4D-CT using multiple regression analysis. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 36-42.	1.9	4
31	Evaluation of the prevalence of burnout and psychological morbidity among radiation oncologist members of the Kyoto Radiation Oncology Study Group (KROSG). <i>Journal of Radiation Research</i> , 2017, 58, 217-224.	1.6	22
32	Regional recurrence in breast cancer patients with one to three positive axillary lymph nodes treated with breast-conserving surgery and whole breast irradiation. <i>Journal of Radiation Research</i> , 2017, 58, 79-85.	1.6	7
33	A randomized Phase III trial of comparing two dose-fractionations stereotactic body radiotherapy (SBRT) for medically inoperable Stage IA non-small cell lung cancer or small lung lesions clinically diagnosed as primary lung cancer: Japan Clinical Oncology Group Study JCOG1408 (J-SBRT trial). <i>Japanese Journal of Clinical Oncology</i> , 2017, 47, 277-281.	1.3	36
34	ALC1/CHD1L, a chromatin-remodeling enzyme, is required for efficient base excision repair. <i>PLoS ONE</i> , 2017, 12, e0188320.	2.5	34
35	Dosimetric advantages and clinical outcomes of simultaneous integrated boost intensity-modulated radiotherapy for anal squamous cell carcinoma. <i>Radiation Oncology Journal</i> , 2017, 35, 368-379.	1.5	15
36	Prognostic Significance of Serum CEA for Non-small Cell Lung Cancer Patients Receiving Stereotactic Body Radiotherapy. <i>Anticancer Research</i> , 2017, 37, 5161-5167.	1.1	13

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37	LY6E: a conductor of malignant tumor growth through modulation of the PTEN/PI3K/Akt/HIF-1 axis. <i>Oncotarget</i> , 2016, 7, 65837-65848.	1.8	35
38	Development of a four-axis moving phantom for patient-specific QA of surrogate signal-based tracking IMRT. <i>Medical Physics</i> , 2016, 43, 6364-6374.	3.0	16
39	Multivariate analysis for the estimation of target localization errors in fiducial marker-based radiotherapy. <i>Medical Physics</i> , 2016, 43, 1907-1912.	3.0	13
40	Technical Note: Introduction of variance component analysis to setup error analysis in radiotherapy. <i>Medical Physics</i> , 2016, 43, 5195-5198.	3.0	4
41	Feasibility evaluation of hypofractionated radiotherapy with concurrent temozolomide in elderly patients with glioblastoma. <i>International Journal of Clinical Oncology</i> , 2016, 21, 1023-1029.	2.2	8
42	The accuracy of extracted target motion trajectories in four-dimensional cone-beam computed tomography for lung cancer patients. <i>Radiotherapy and Oncology</i> , 2016, 121, 46-51.	0.6	15
43	Comparative evaluation of respiratory-gated and ungated FDG-PET for target volume definition in radiotherapy treatment planning for pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2016, 120, 217-221.	0.6	16
44	Dosimetric comparison of lung stereotactic body radiotherapy treatment plans using averaged computed tomography and end-exhalation computed tomography images: Evaluation of the effect of different dose-calculation algorithms and prescription methods. <i>Medical Dosimetry</i> , 2016, 41, 305-309.	0.9	6
45	Development of a gimbal-swing irradiation technique for uniform expanded-field, wedged-beam, and intensity-modulated radiation therapy. <i>Biomedical Physics and Engineering Express</i> , 2016, 2, 065007.	1.2	0
46	Ten-year outcomes of intensity-modulated radiation therapy combined with neoadjuvant hormonal therapy for intermediate- and high-risk patients with T1c-T2N0M0 prostate cancer. <i>International Journal of Clinical Oncology</i> , 2016, 21, 783-790.	2.2	11
47	Stereotactic body radiotherapy versus lobectomy for operable clinical stage IA lung adenocarcinoma: comparison of survival outcomes in two clinical trials with propensity score analysis (JCOG1313-A). <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 748-753.	1.3	24
48	Identification of a predictive factor for distant metastasis in esophageal squamous cell carcinoma after definitive chemoradiotherapy. <i>International Journal of Clinical Oncology</i> , 2016, 21, 899-908.	2.2	17
49	L-phenylalanine preloading reduces the $^{10}\text{B}(\text{n}, \alpha)^7\text{Li}$ dose to the normal brain by inhibiting the uptake of boronophenylalanine in boron neutron capture therapy for brain tumours. <i>Cancer Letters</i> , 2016, 370, 27-32.	7.2	19
50	Long-term outcomes of intensity-modulated radiation therapy combined with neoadjuvant androgen deprivation therapy under an early salvage policy for patients with T3-T4N0M0 prostate cancer. <i>International Journal of Clinical Oncology</i> , 2016, 21, 148-155.	2.2	14
51	Synthesis of Biocompatible Polysaccharide Analogues and Their Application to In Vivo Optical Tumor Imaging. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 792-803.	3.2	5
52	Baseline correction of a correlation model for improving the prediction accuracy of infrared marker-based dynamic tumor tracking. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 14-22.	1.9	9
53	PLK1 blockade enhances therapeutic effects of radiation by inducing cell cycle arrest at the mitotic phase. <i>Scientific Reports</i> , 2015, 5, 15666.	3.3	11
54	Commissioning and quality assurance of Dynamic WaveArc irradiation. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 73-86.	1.9	13

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55	Long-term stability assessment of a 4D tumor tracking system integrated into a gimbaled linear accelerator. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 373-380.	1.9	11
56	Impact of Pretreatment Interstitial Lung Disease on Radiation Pneumonitis and Survival after Stereotactic Body Radiation Therapy for Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015, 10, 116-125.	1.1	135
57	Pretreatment Modified Glasgow Prognostic Score Predicts Clinical Outcomes After Stereotactic Body Radiation Therapy for Early-Stage Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 619-626.	0.8	22
58	Treatment and Prognosis of Isolated Local Relapse after Stereotactic Body Radiotherapy for Clinical Stage I Non-Small-Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1616-1624.	1.1	46
59	Target localization errors from fiducial markers implanted around a lung tumor for dynamic tumor tracking. <i>Physica Medica</i> , 2015, 31, 934-941.	0.7	13
60	A multi-centre analysis of treatment procedures and error components in dynamic tumour tracking radiotherapy. <i>Radiotherapy and Oncology</i> , 2015, 115, 412-418.	0.6	10
61	UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1 α . <i>Nature Communications</i> , 2015, 6, 6153.	12.8	175
62	Video-Assisted Thoracoscopic Lobectomy Versus Stereotactic Radiotherapy for Stage I Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1122-1129.	1.3	87
63	Influence of the correlation modeling period on the prediction accuracy of infrared marker-based dynamic tumor tracking using a gimbaled X-ray head. <i>Physica Medica</i> , 2015, 31, 204-209.	0.7	10
64	Definitive radiotherapy for head and neck squamous cell carcinoma: update and perspectives on the basis of EBM. <i>Japanese Journal of Clinical Oncology</i> , 2015, 45, 235-243.	1.3	8
65	Combination of BMP-2-releasing gelatin/ β -TCP sponges with autologous bone marrow for bone regeneration of X-ray-irradiated rabbit ulnar defects. <i>Biomaterials</i> , 2015, 56, 18-25.	11.4	53
66	Enhancement of anti-tumor activity of hybrid peptide in conjugation with carboxymethyl dextran via disulfide linkers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 92, 228-236.	4.3	20
67	Effect of intrafractional prostate motion on simultaneous boost intensity-modulated radiotherapy to the prostate: A simulation study based on intrafractional motion in the prone position. <i>Medical Dosimetry</i> , 2015, 40, 325-332.	0.9	4
68	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.	0.6	33
69	Prospective Trial of Stereotactic Body Radiation Therapy for Both Operable and Inoperable T1N0M0 Non-Small Cell Lung Cancer: Japan Clinical Oncology Group Study JCOG0403. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 989-996.	0.8	350
70	Radiation sensitivity assay with a panel of patient-derived spheroids of small cell carcinoma of the cervix. <i>International Journal of Cancer</i> , 2015, 136, 2949-2960.	5.1	27
71	Development and Clinical Application of Vero4DRT System. , 2015, , 205-215.		0
72	Evaluation of dynamic tumor-tracking IMRT for patients with pancreatic cancer using gimbaled linac of vero system.. <i>Journal of Clinical Oncology</i> , 2015, 33, 481-481.	1.6	0

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73	The impact of abdominal compression on outcome in patients treated with stereotactic body radiotherapy for primary lung cancer. <i>Journal of Radiation Research</i> , 2014, 55, 934-939.	1.6	20
74	Geometric and dosimetric accuracy of dynamic tumor-tracking conformal arc irradiation with a gimbaled x-ray head. <i>Medical Physics</i> , 2014, 41, 031705.	3.0	10
75	Dosimetric comparison of Acuros XB, AAA, and XVMC in stereotactic body radiotherapy for lung cancer. <i>Medical Physics</i> , 2014, 41, 081715.	3.0	64
76	Development of an expanded-field irradiation technique using a gimbaled x-ray head. <i>Medical Physics</i> , 2014, 41, 101706.	3.0	1
77	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.	1.6	11
78	Sonication-induced Formation of Size-Controlled Self-Assemblies of Amphiphilic Janus-Type Polymers as Optical Tumor-Imaging Agents. <i>Small</i> , 2014, 10, 3119-3130.	10.0	12
79	Intra- and interfractional variations in geometric arrangement between lung tumours and implanted markers. <i>Radiotherapy and Oncology</i> , 2014, 110, 523-528.	0.6	41
80	Combination of hybrid peptide with biodegradable gelatin hydrogel for controlled release and enhancement of anti-tumor activity in vivo. <i>Journal of Controlled Release</i> , 2014, 176, 1-7.	9.9	68
81	Comparison of long-term survival outcomes between stereotactic body radiotherapy and sublobar resection for stage I non-small-cell lung cancer in patients at high risk for lobectomy: A propensity score matching analysis. <i>European Journal of Cancer</i> , 2014, 50, 2932-2938.	2.8	93
82	Evaluation of dynamic tumour tracking radiotherapy with real-time monitoring for lung tumours using a gimbal mounted linac. <i>Radiotherapy and Oncology</i> , 2014, 112, 360-364.	0.6	62
83	Prediction of clinical outcome after stereotactic body radiotherapy for non-small cell lung cancer using diffusion-weighted MRI and 18F-FDG PET. <i>European Journal of Radiology</i> , 2014, 83, 2087-2092.	2.6	25
84	Intrafractional tracking accuracy in infrared marker-based hybrid dynamic tumour-tracking irradiation with a gimbaled linac. <i>Radiotherapy and Oncology</i> , 2014, 111, 301-305.	0.6	29
85	Development of a dose verification system for Vero4DRT using Monte Carlo method. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 160-172.	1.9	14
86	Dosimetric impact of gold markers implanted closely to lung tumors: a Monte Carlo simulation. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 71-79.	1.9	3
87	HIF-1-mediated metabolic reprogramming reduces ROS levels and facilitates the metastatic colonization of cancers in lungs. <i>Scientific Reports</i> , 2014, 4, 3793.	3.3	94
88	Stereotactic body radiotherapy versus lobectomy for operable clinical stage IA pulmonary adenocarcinoma: Comparison of prospective clinical trials with propensity score analysis (JCOG1313-A).. <i>Journal of Clinical Oncology</i> , 2014, 32, 7543-7543.	1.6	1
89	Distribution patterns of metastatic pelvic lymph nodes assessed by CT/MRI in patients with uterine cervical cancer. <i>Radiation Oncology</i> , 2013, 8, 139.	2.7	16
90	Two cases of radiation-induced cutaneous angiosarcoma. <i>International Cancer Conference Journal</i> , 2013, 2, 111-115.	0.5	0

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91	Differences in dose-volumetric data between the analytical anisotropic algorithm and the x-ray voxel Monte Carlo algorithm in stereotactic body radiation therapy for lung cancer. Medical Dosimetry, 2013, 38, 95-99.	0.9	13
92	Evaluation of 4D dose to a moving target with Monte Carlo dose calculation in stereotactic body radiotherapy for lung cancer. Radiological Physics and Technology, 2013, 6, 233-240.	1.9	6
93	Microenvironment and Radiation Therapy. BioMed Research International, 2013, 2013, 1-13.	1.9	122
94	Feasibility evaluation of a new irradiation technique: three-dimensional unicursal irradiation with the Vero4DRT (MHI-TM2000). Journal of Radiation Research, 2013, 54, 330-336.	1.6	28
95	Differences in the dose-volume metrics with heterogeneity correction status and its influence on local control in stereotactic body radiation therapy for lung cancer. Journal of Radiation Research, 2013, 54, 337-343.	1.6	10
96	Interfraction variation in lung tumor position with abdominal compression during stereotactic body radiotherapy. Medical Physics, 2013, 40, 091718.	3.0	45
97	Medical Physics, 2013, 40, 091705.	3.0	52
98	Accuracy verification of infrared marker-based dynamic tumor-tracking irradiation using the gimbaled	3.0	44
99	Effect of audio instruction on tracking errors using a four-dimensional image-guided radiotherapy system. Journal of Applied Clinical Medical Physics, 2013, 14, 255-264.	1.9	3
100	Microenvironments and Cellular Characteristics in the Micro Tumor Cords of Malignant Solid Tumors. International Journal of Molecular Sciences, 2012, 13, 13949-13965.	4.1	46
101	Dosimetric evaluation of the impacts of different heterogeneity correction algorithms on target doses in stereotactic body radiation therapy for lung tumors. Journal of Radiation Research, 2012, 53, 777-784.	1.6	12
102	Cancer cells that survive radiation therapy acquire HIF-1 activity and translocate towards tumour blood vessels. Nature Communications, 2012, 3, 783.	12.8	149
103	Positional accuracy of novel x-ray image-based dynamic tumor-tracking irradiation using a gimbaled MV x-ray head of a Vero4DRT (MHI-TM2000). Medical Physics, 2012, 39, 6287-6296.	3.0	25
104	Preliminary Report of Late Recurrences, at 5 Years or More, after Stereotactic Body Radiation Therapy for Non-small Cell Lung Cancer. Journal of Thoracic Oncology, 2012, 7, 453-456.	1.1	36
105	Amphiphilic Brush-Like Copolymers Involving Hydrophobic Amino Acid- and Oligopeptide-Side Chains for Optical Tumor Imaging In Vivo. Bulletin of the Chemical Society of Japan, 2012, 85, 1277-1286.	3.2	10
106	Dosimetric Advantage of Intensity-Modulated Radiotherapy for Whole Ventricles in the Treatment of Localized Intracranial Germinoma. International Journal of Radiation Oncology Biology Physics, 2012, 82, e273-e280.	0.8	15
107	Dose-Volume Metrics Associated With Radiation Pneumonitis After Stereotactic Body Radiation Therapy for Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 83, e545-e549.	0.8	176
108	In Vivo Imaging of Brain Ischemia Using an Oxygen-Dependent Degradative Fusion Protein Probe. PLoS ONE, 2012, 7, e48051.	2.5	7

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109	Optimization of the x-ray monitoring angle for creating a correlation model between internal and external respiratory signals. <i>Medical Physics</i> , 2012, 39, 6309-6315.	3.0	13
110	<i>In vitro</i> assessment of poly(methylmethacrylate)-based bone cement containing magnetite nanoparticles for hyperthermia treatment of bone tumor. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2537-2545.	4.0	25
111	Experimental validation of heterogeneity-corrected dose-volume prescription on respiratory-averaged CT images in stereotactic body radiotherapy for moving tumors. <i>Medical Dosimetry</i> , 2012, 37, 20-25.	0.9	5
112	Preparation of ferromagnetic microcapsules for hyperthermia using water/oil emulsion as a reaction field. <i>Materials Science and Engineering C</i> , 2012, 32, 692-696.	7.3	20
113	Nonsurgical treatments for stage 0-IA squamous esophageal cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, 113-113.	1.6	0
114	A Consensus-based Guideline Defining Clinical Target Volume for Primary Disease in External Beam Radiotherapy for Intact Uterine Cervical Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 1119-1126.	1.3	56
115	Positioning accuracy of a new image-guided radiotherapy system. <i>Medical Physics</i> , 2011, 38, 2535-2541.	3.0	33
116	Stereotactic Body Radiotherapy (SBRT) for Operable Stage I Non-Small-Cell Lung Cancer: Can SBRT Be Comparable to Surgery?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1352-1358.	0.8	561
117	Detection of the Onset of Ischemia and Carcinogenesis by Hypoxia-Inducible Transcription Factor-Based In Vivo Bioluminescence Imaging. <i>PLoS ONE</i> , 2011, 6, e26640.	2.5	8
118	Evaluation of [¹²⁵ I]IPOS as a molecular imaging probe for hypoxia-inducible factor-1-active regions in a tumor: Comparison among single-photon emission computed tomography/X-ray computed tomography imaging, autoradiography, and immunohistochemistry. <i>Cancer Science</i> , 2011, 102, 2090-2096.	3.9	14
119	Effective encapsulation of a new cationic gadolinium chelate into apoferritin and its evaluation as an MRI contrast agent. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 638-646.	3.3	34
120	PET Imaging of Hypoxia-Inducible Factor-1-Active Tumor Cells with Pretargeted Oxygen-Dependent Degradable Streptavidin and a Novel 18F-Labeled Biotin Derivative. <i>Molecular Imaging and Biology</i> , 2011, 13, 1003-1010.	2.6	22
121	Influence of Side Chain Length on Fluorescence Intensity of ROMP-Based Polymeric Nanoparticles and Their Tumor Specificity in In Vivo Tumor Imaging. <i>Small</i> , 2011, 7, 3536-3547.	10.0	35
122	High-Contrast Fluorescence Imaging of Tumors In Vivo Using Nanoparticles of Amphiphilic Brush-Like Copolymers Produced by ROMP. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6567-6570.	13.8	73
123	Prognostic Factors in Stereotactic Body Radiotherapy for Non-Small-Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1104-1111.	0.8	101
124	Interfractional Reproducibility in Pancreatic Position Based on Four-Dimensional Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 1567-1572.	0.8	20
125	JCOG Radiation Therapy Study Group: History and Achievements. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 1241-1243.	1.3	9
126	Strategies To Assess Hypoxic/HIF-1-Active Cancer Cells for the Development of Innovative Radiation Therapy. <i>Cancers</i> , 2011, 3, 3610-3631.	3.7	20

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127	Stereotactic Body Radiotherapy for the Lung. , 2011, , 267-277.		0
128	Dosimetric characterization of a multileaf collimator for a new four-dimensional image-guided	3.0	46
129	Fabrication of yttria microcapsules for radiotherapy from water/oil emulsion. Journal of the Ceramic Society of Japan, 2010, 118, 479-482.	1.1	15
130	Rapid detection of hypoxia-inducible factor-1-active tumours: pretargeted imaging with a protein degrading in a mechanism similar to hypoxia-inducible factor-1. European Journal of Nuclear Medicine and Molecular Imaging, 2010, 37, 1566-1574.	6.4	16
131	Magnetite nanoparticles with high heating efficiencies for application in the hyperthermia of cancer. Materials Science and Engineering C, 2010, 30, 990-996.	7.3	149
132	Ring-opening metathesis polymerization-based synthesis of polymeric nanoparticles for enhanced tumor imaging in vivo: Synergistic effect of folate-receptor targeting and PEGylation. Biomaterials, 2010, 31, 934-942.	11.4	58
133	Noninvasive Tracking of Donor Cell Homing by Near-Infrared Fluorescence Imaging Shortly after Bone Marrow Transplantation. PLoS ONE, 2010, 5, e11114.	2.5	17
134	In Vivo Imaging of HIF-Active Tumors by an Oxygen-Dependent Degradation Protein Probe with an Interchangeable Labeling System. PLoS ONE, 2010, 5, e15736.	2.5	34
135	Stereotactic Body Radiation Therapy for Lung Cancer: Achievements and Perspectives. Japanese Journal of Clinical Oncology, 2010, 40, 846-854.	1.3	14
136	A Consensus-based Guideline Defining the Clinical Target Volume for Pelvic Lymph Nodes in External Beam Radiotherapy for Uterine Cervical Cancer. Japanese Journal of Clinical Oncology, 2010, 40, 456-463.	1.3	80
137	Characterization of FDG-PET images after stereotactic body radiation therapy for lung cancer. Radiotherapy and Oncology, 2010, 97, 200-204.	0.6	71
138	Indolequinone-rhodol conjugate as a fluorescent probe for hypoxic cells: enzymatic activation and fluorescence properties. MedChemComm, 2010, 1, 50.	3.4	68
139	Imaging and Targeting of the Hypoxia-inducible Factor 1-active Microenvironment. Journal of Toxicologic Pathology, 2009, 22, 93-100.	0.7	9
140	The Akt/mTOR Pathway Assures the Synthesis of HIF-1 Protein in a Glucose- and Reoxygenation-dependent Manner in Irradiated Tumors. Journal of Biological Chemistry, 2009, 284, 5332-5342.	3.4	145
141	Impact of motion velocity on four-dimensional target volumes: A phantom study. Medical Physics, 2009, 36, 1610-1617.	3.0	48
142	Selective Killing of Hypoxia-Inducible Factor-1-Active Cells Improves Survival in a Mouse Model of Invasive and Metastatic Pancreatic Cancer. Clinical Cancer Research, 2009, 15, 3433-3441.	7.0	84
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