

# Masahiro Hiraoka

## List of Publications by Year in descending order

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294  
papers

15,127  
citations

18436

62  
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22102

113  
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298  
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298  
docs citations

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times ranked

12689  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Stereotactic hypofractionated high-dose irradiation for stage I nonsmall cell lung carcinoma. <i>Cancer</i> , 2004, 101, 1623-1631.	2.0	849
3	Clinical outcomes of a phase I/II study of 48 Gy of stereotactic body radiotherapy in 4 fractions for primary lung cancer using a stereotactic body frame. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 1427-1431.	0.4	646
4	Thyroid Gland Tumor Diagnosis at US Elastography. <i>Radiology</i> , 2005, 237, 202-211.	3.6	581
5	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.	0.4	561
6	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.	0.4	350
7	Tumor hypoxia: A target for selective cancer therapy. <i>Cancer Science</i> , 2003, 94, 1021-1028.	1.7	329
8	Clinical outcomes of 3D conformal hypofractionated single high-dose radiotherapy for one or two lung tumors using a stereotactic body frame. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 52, 1041-1046.	0.4	275
9	Cervical Lymph Node Metastases: Diagnosis at Sonoelastography—Initial Experience. <i>Radiology</i> , 2007, 243, 258-267.	3.6	254
10	Development of a four-dimensional image-guided radiotherapy system with a gimbaled X-ray head. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 271-278.	0.4	220
11	Hypoxia and Hypoxia-Inducible Factor-1 Expression Enhance Osteolytic Bone Metastases of Breast Cancer. <i>Cancer Research</i> , 2007, 67, 4157-4163.	0.4	217
12	The effectiveness of an immobilization device in conformal radiotherapy for lung tumor: reduction of respiratory tumor movement and evaluation of the daily setup accuracy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 889-898.	0.4	209
13	Stereotactic Body Radiotherapy for Oligometastatic Lung Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 398-403.	0.4	202
14	Multi-institutional studies on hyperthermia using an 8-MHz radiofrequency capacitive heating device (thermotron RF-8) in combination with radiation for cancer therapy. <i>Cancer</i> , 1986, 58, 1589-1595.	2.0	177
15	Dose-Volume Metrics Associated With Radiation Pneumonitis After Stereotactic Body Radiation Therapy for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, e545-e549.	0.4	176
16	UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1 $\alpha$ . <i>Nature Communications</i> , 2015, 6, 6153.	5.8	175
17	Regulatory mechanisms of hypoxia-inducible factor 1 activity: Two decades of knowledge. <i>Cancer Science</i> , 2018, 109, 560-571.	1.7	156
18	Magnetite nanoparticles with high heating efficiencies for application in the hyperthermia of cancer. <i>Materials Science and Engineering C</i> , 2010, 30, 990-996.	3.8	149

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19	Cancer cells that survive radiation therapy acquire HIF-1 activity and translocate towards tumour blood vessels. <i>Nature Communications</i> , 2012, 3, 783.	5.8	149
20	The Akt/mTOR Pathway Assures the Synthesis of HIF-1 $\beta$ Protein in a Glucose- and Reoxygenation-dependent Manner in Irradiated Tumors. <i>Journal of Biological Chemistry</i> , 2009, 284, 5332-5342.	1.6	145
21	Oxidative stress and altered antioxidant defenses in children with acute exacerbation of atopic dermatitis. <i>Life Sciences</i> , 2003, 72, 2509-2516.	2.0	144
22	Treatment results of intracranial germinoma as a function of the irradiated volume. <i>International Journal of Radiation Oncology Biology Physics</i> , 1988, 15, 285-290.	0.4	142
23	Increased oxidative stress in childhood atopic dermatitis. <i>Life Sciences</i> , 2001, 69, 223-228.	2.0	136
24	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.	0.5	135
25	Survey of Stereotactic Body Radiation Therapy in Japan by the Japan 3-D Conformal External Beam Radiotherapy Group. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 343-347.	0.4	132
26	Antitumor effect of TAT-oxygen-dependent degradation-caspase-3 fusion protein specifically stabilized and activated in hypoxic tumor cells. <i>Cancer Research</i> , 2002, 62, 2013-8.	0.4	130
27	Radiofrequency capacitive hyperthermia for deep-seated tumors. I. Studies on thermometry. <i>Cancer</i> , 1987, 60, 121-127.	2.0	129
28	Evaluation of Lung Injury after Three-dimensional Conformal Stereotactic Radiation Therapy for Solitary Lung Tumors: CT Appearance. <i>Radiology</i> , 2004, 230, 101-108.	3.6	123
29	Microenvironment and Radiation Therapy. <i>BioMed Research International</i> , 2013, 2013, 1-13.	0.9	122
30	Stereotactic body radiotherapy for de novo spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 295-302.	0.9	121
31	Near-infrared fluorescence tumor imaging using nanocarrier composed of poly(L-lactic) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 120	5.7	120
32	Vertebrate POLQ and POLI $^2$ Cooperate in Base Excision Repair of Oxidative DNA Damage. <i>Molecular Cell</i> , 2006, 24, 115-125.	4.5	119
33	Clinical results of radiofrequency hyperthermia combined with radiation in the treatment of radioresistant cancers. <i>Cancer</i> , 1984, 54, 2898-2904.	2.0	116
34	An antiangiogenic agent (TNP-470) inhibited reoxygenation during fractionated radiotherapy of murine mammary carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 37, 1107-1113.	0.4	111
35	Near-Infrared Fluorescent Labeled Peptosome for Application to Cancer Imaging. <i>Bioconjugate Chemistry</i> , 2008, 19, 109-117.	1.8	110
36	Prognostic Factors in Stereotactic Body Radiotherapy for Non- $\hat{c}$ Small-Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1104-1111.	0.4	101

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37	HIF-1-mediated metabolic reprogramming reduces ROS levels and facilitates the metastatic colonization of cancers in lungs. <i>Scientific Reports</i> , 2014, 4, 3793.	1.6	94
38	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.	1.3	93
39	Enhancement of gene expression under hypoxic conditions using fragments of the human vascular endothelial growth factor and the erythropoietin genes. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998, 42, 913-916.	0.4	91
40	Optical Imaging of Tumor Hypoxia and Evaluation of Efficacy of a Hypoxia-Targeting Drug in Living Animals. <i>Molecular Imaging</i> , 2005, 4, 153535002005051.	0.7	89
41	Video-Assisted Thoracoscopic Lobectomy Versus Stereotactic Radiotherapy for Stage I Lung Cancer. <i>Annals of Thoracic Surgery</i> , 2015, 99, 1122-1129.	0.7	87
42	Selective Killing of Hypoxia-Inducible Factor-1 $\alpha$ -Active Cells Improves Survival in a Mouse Model of Invasive and Metastatic Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3433-3441.	3.2	84
43	Renal aplasia is the predominant cause of congenital solitary kidneys. <i>Kidney International</i> , 2002, 61, 1840-1844.	2.6	82
44	Quercetin, an Inhibitor of Heat Shock Protein Synthesis, Inhibits the Acquisition of Thermotolerance in a Human Colon Carcinoma Cell Line. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 1216-1222.	1.7	80
45	A Consensus-based Guideline Defining the Clinical Target Volume for Pelvic Lymph Nodes in External Beam Radiotherapy for Uterine Cervical Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2010, 40, 456-463.	0.6	80
46	Clinical results of radiofrequency hyperthermia for malignant liver tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 38, 359-365.	0.4	76
47	Formation of Advanced Glycosylation End Products and Oxidative Stress in Young Patients with Type 1 Diabetes. <i>Pediatric Research</i> , 2003, 54, 419-424.	1.1	75
48	Treatment planning of stereotactic radiotherapy for solitary lung tumor. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 1565-1571.	0.4	74
49	Initial validations for pursuing irradiation using a gimbals tracking system. <i>Radiotherapy and Oncology</i> , 2009, 93, 45-49.	0.3	73
50	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.	7.2	73
51	Intracranial Germinoma: Radiation Therapy with Tumor Volume-based Dose Selection. <i>Radiology</i> , 2001, 218, 452-456.	3.6	72
52	Characterization of FDG-PET images after stereotactic body radiation therapy for lung cancer. <i>Radiotherapy and Oncology</i> , 2010, 97, 200-204.	0.3	71
53	Radiation therapy for T1,2 glottic carcinoma: impact of overall treatment time on local control. <i>Radiotherapy and Oncology</i> , 1996, 40, 225-232.	0.3	70
54	Deep-heating characteristics of an RF capacitive heating device. <i>International Journal of Hyperthermia</i> , 1985, 1, 15-28.	1.1	68

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55	Evaluation of mass-like consolidation after stereotactic body radiation therapy for lung tumors. <i>International Journal of Clinical Oncology</i> , 2007, 12, 356-362.	1.0	68
56	Indolequinone-rhodol conjugate as a fluorescent probe for hypoxic cells: enzymatic activation and fluorescence properties. <i>MedChemComm</i> , 2010, 1, 50.	3.5	68
57	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.	4.8	68
58	The HIF-1-active microenvironment: An environmental target for cancer therapy. <i>Advanced Drug Delivery Reviews</i> , 2009, 61, 623-632.	6.6	67
59	Differences in target outline delineation from CT scans of brain tumours using different methods and different observers. <i>Radiotherapy and Oncology</i> , 1999, 50, 151-156.	0.3	66
60	A randomized study of two long-course prednisolone regimens for nephrotic syndrome in children. <i>American Journal of Kidney Diseases</i> , 2003, 41, 1155-1162.	2.1	66
61	Monitoring of Biological One-Electron Reduction by <sup>19</sup> F NMR Using Hypoxia Selective Activation of an <sup>19</sup> F-Labeled Indolequinone Derivative. <i>Journal of the American Chemical Society</i> , 2009, 131, 15982-15983.	6.6	66
62	Esophageal cancer treated with radiotherapy: Impact of total treatment time and fractionation. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994, 30, 1099-1105.	0.4	65
63	Exposure to Strong Magnetic Fields at Power Frequency Potentiates X-ray-induced DNA Strand Breaks. <i>Journal of Radiation Research</i> , 2000, 41, 293-302.	0.8	65
64	Dosimetric comparison of Acuros XB, AAA, and XVMC in stereotactic body radiotherapy for lung cancer. <i>Medical Physics</i> , 2014, 41, 081715.	1.6	64
65	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.	0.3	62
66	The combination of hypoxia-response enhancers and an oxygen-dependent proteolytic motif enables real-time imaging of absolute HIF-1 activity in tumor xenografts. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 791-796.	1.0	61
67	Congenitally small kidneys with reflux as a common cause of nephropathy in boys. <i>Kidney International</i> , 1997, 52, 811-816.	2.6	60
68	<sup>18</sup> F-FDG and <sup>11</sup> C-methionine PET for evaluation of treatment response of lung cancer after stereotactic radiotherapy. <i>Annals of Nuclear Medicine</i> , 2004, 18, 669-674.	1.2	60
69	Emission under Hypoxia: One-Electron Reduction and Fluorescence Characteristics of an Indolequinone-Coumarin Conjugate. <i>ChemBioChem</i> , 2008, 9, 426-432.	1.3	58
70	Ring-opening metathesis polymerization-based synthesis of polymeric nanoparticles for enhanced tumor imaging in vivo: Synergistic effect of folate-receptor targeting and PEGylation. <i>Biomaterials</i> , 2010, 31, 934-942.	5.7	58
71	A circadian clock gene, <i>PER2</i> , activates <i>HIF1</i> as an effector molecule for recruitment of <i>HIF1</i> to promoter regions of its downstream genes. <i>FEBS Journal</i> , 2017, 284, 3804-3816.	2.2	58
72	A case of allergic reaction to surgical metal clips inserted for postoperative boost irradiation in a patient undergoing Breast-conserving therapy. <i>Breast Cancer</i> , 2001, 8, 90-92.	1.3	57

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73	Geometrical differences in target volumes between slow CT and 4D CT imaging in stereotactic body radiotherapy for lung tumors in the upper and middle lobe. <i>Medical Physics</i> , 2008, 35, 4142-4148.	1.6	56
74	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.	0.6	56
75	Radiofrequency capacitive hyperthermia for deep-seated tumors. II. Effects of thermoradiotherapy. <i>Cancer</i> , 1987, 60, 128-135.	2.0	55
76	Hyperthermia combined with radiation therapy for primarily unresectable and recurrent colorectal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 1992, 23, 759-768.	0.4	53
77	Antitumor protein therapy; Application of the protein transduction domain to the development of a protein drug for cancer treatment. <i>Breast Cancer</i> , 2006, 13, 16-26.	1.3	53
78	Combination of BMP-2-releasing gelatin/β <sup>2</sup> -TCP sponges with autologous bone marrow for bone regeneration of X-ray-irradiated rabbit ulnar defects. <i>Biomaterials</i> , 2015, 56, 18-25.	5.7	53
79	UCHL1-HIF-1 axis-mediated antioxidant property of cancer cells as a therapeutic target for radiosensitization. <i>Scientific Reports</i> , 2017, 7, 6879.	1.6	53
80	Development of an ultrasmall C-band linear accelerator guide for a four-dimensional image-guided radiotherapy system with a gimbaled x-ray head. <i>Medical Physics</i> , 2007, 34, 1797-1808.	1.6	52
81	Current status of stereotactic body radiotherapy for lung cancer. <i>International Journal of Clinical Oncology</i> , 2007, 12, 3-7.	1.0	52
82	<i>Medical Physics</i> , 2013, 40, 091705.	1.6	52
83	Optical imaging of tumor hypoxia and evaluation of efficacy of a hypoxia-targeting drug in living animals. <i>Molecular Imaging</i> , 2005, 4, 182-93.	0.7	52
84	Microangiographic and histologic analysis of the effects of hyperthermia on murine tumor vasculature. <i>International Journal of Radiation Oncology Biology Physics</i> , 1988, 15, 411-420.	0.4	50
85	Early treatment of urinary infection prevents renal damage on cortical scintigraphy. <i>Pediatric Nephrology</i> , 2003, 18, 115-118.	0.9	49
86	Radiofrequency thermotherapy for malignant liver tumors. <i>Cancer</i> , 1990, 65, 1730-1736.	2.0	48
87	Impact of motion velocity on four-dimensional target volumes: A phantom study. <i>Medical Physics</i> , 2009, 36, 1610-1617.	1.6	48
88	Interinstitutional Variations in Planning for Stereotactic Body Radiation Therapy for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 416-425.	0.4	47
89	TS-1 enhances the effect of radiotherapy by suppressing radiation-induced hypoxia-inducible factor-1 activation and inducing endothelial cell apoptosis. <i>Cancer Science</i> , 2008, 99, 2327-2335.	1.7	47
90	Dosimetric characterization of a multileaf collimator for a new four-dimensional image-guided	1.6	46

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91	Microenvironments and Cellular Characteristics in the Micro Tumor Cords of Malignant Solid Tumors. <i>International Journal of Molecular Sciences</i> , 2012, 13, 13949-13965.	1.8	46
92	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.	0.5	46
93	Hypoxia inducible factor-1 influences sensitivity to paclitaxel of human lung cancer cell lines under normoxic conditions. <i>Cancer Science</i> , 2007, 98, 1394-1401.	1.7	45
94	Interfraction variation in lung tumor position with abdominal compression during stereotactic body radiotherapy. <i>Medical Physics</i> , 2013, 40, 091718.	1.6	45
95	Accuracy verification of infrared marker-based dynamic tumor-tracking irradiation using the gimbaled	1.6	44
96	In vitro heat generation by ferrimagnetic maghemite microspheres for hyperthermic treatment of cancer under an alternating magnetic field. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 1897-1903.	1.7	42
97	Real-time Imaging of Hypoxia-inducible Factor-1 Activity in Tumor Xenografts. <i>Journal of Radiation Research</i> , 2005, 46, 93-102.	0.8	41
98	Intra- and interfractional variations in geometric arrangement between lung tumours and implanted markers. <i>Radiotherapy and Oncology</i> , 2014, 110, 523-528.	0.3	41
99	A Japan Clinical Oncology Group Trial for Stereotactic Body Radiation Therapy of Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2007, 2, S115-S117.	0.5	39
100	Regional hyperthermia combined with radiotherapy in the treatment of lung cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 1992, 22, 1009-1014.	0.4	38
101	Oxidative stress in neonates: Evaluation using specific biomarkers. <i>Life Sciences</i> , 2004, 75, 933-938.	2.0	38
102	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.	0.8	38
103	Vesicoureteral reflux in male and female neonates as detected by voiding ultrasonography. <i>Kidney International</i> , 1999, 55, 1486-1490.	2.6	37
104	External beam radiation therapy with or without high-dose-rate intraluminal brachytherapy for patients with superficial esophageal carcinoma. , 1999, 86, 220-228.		37
105	Preliminary Report of Late Recurrences, at 5 Years or More, after Stereotactic Body Radiation Therapy for Non-small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2012, 7, 453-456.	0.5	36
106	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.	0.6	36
107	Ring-Opening Metathesis Polymerization-Based Synthesis of ICG-Containing Amphiphilic Triblock Copolymers for in Vivo Tumor Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 511-517.	1.8	35
108	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.	5.2	35

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109	LY6E: a conductor of malignant tumor growth through modulation of the PTEN/PI3K/Akt/HIF-1 axis. <i>Oncotarget</i> , 2016, 7, 65837-65848.	0.8	35
110	Dosimetric verification in participating institutions in a stereotactic body radiotherapy trial for stage I non-small cell lung cancer: Japan clinical oncology group trial (JCOG0403). <i>Physics in Medicine and Biology</i> , 2006, 51, 5409-5417.	1.6	34
111	In Vivo Imaging of HIF-Active Tumors by an Oxygen-Dependent Degradation Protein Probe with an Interchangeable Labeling System. <i>PLoS ONE</i> , 2010, 5, e15736.	1.1	34
112	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.	1.7	34
113	ALC1/CHD1L, a chromatin-remodeling enzyme, is required for efficient base excision repair. <i>PLoS ONE</i> , 2017, 12, e0188320.	1.1	34
114	Effects of antioxidants and nitric oxide on TNF- $\alpha$ -induced adhesion molecule expression and NF- $\kappa$ B activation in human dermal microvascular endothelial cells. <i>Life Sciences</i> , 2004, 75, 1159-1170.	2.0	33
115	Imaging of HIF-1-Active Tumor Hypoxia Using a Protein Effectively Delivered to and Specifically Stabilized in HIF-1-Active Tumor Cells. <i>Journal of Nuclear Medicine</i> , 2009, 50, 942-949.	2.8	33
116	Positioning accuracy of a new image-guided radiotherapy system. <i>Medical Physics</i> , 2011, 38, 2535-2541.	1.6	33
117	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
118	Mechanism of hypoxia-specific cytotoxicity of procaspase-3 fused with a VHL-mediated protein destruction motif of HIF-1 $\alpha$ containing Pro564. <i>FEBS Letters</i> , 2006, 580, 5718-5722.	1.3	31
119	Enzymatic Preparation of Hollow Yttrium Oxide Microspheres for In Situ Radiotherapy of Deep-Seated Cancer. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1347-1351.	1.9	31
120	An agar phantom for hyperthermia. <i>Medical Physics</i> , 1986, 13, 396-398.	1.6	30
121	Older boys benefit from higher initial prednisolone therapy for nephrotic syndrome. <i>Kidney International</i> , 2000, 58, 1247-1252.	2.6	30
122	High levels of urinary pentosidine, an advanced glycation end product, in children with acute exacerbation of atopic dermatitis: relationship with oxidative stress. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 1601-1605.	1.5	30
123	Meatus tightly covered by the prepuce is associated with urinary infection. <i>Pediatrics International</i> , 2002, 44, 658-662.	0.2	29
124	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
125	Intrafractional tracking accuracy in infrared marker-based hybrid dynamic tumour-tracking irradiation with a gimballed linac. <i>Radiotherapy and Oncology</i> , 2014, 111, 301-305.	0.3	29
126	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.	0.8	29

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127	Feasibility evaluation of a new irradiation technique: three-dimensional unicursal irradiation with the Vero4DRT (MHI-TM2000). <i>Journal of Radiation Research</i> , 2013, 54, 330-336.	0.8	28
128	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.	2.3	27
129	Long-term results of radiation therapy for pituitary adenoma. <i>Journal of Neuro-Oncology</i> , 2000, 47, 79-84.	1.4	26
130	Measurement of Interfraction Variations in Position and Size of Target Volumes in Stereotactic Body Radiotherapy for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 543-548.	0.4	26
131	Positional accuracy of novel x-ray image-based dynamic tumor-tracking irradiation using a gimbaled MV x-ray head of a Vero4DRT (MHI-TM2000). <i>Medical Physics</i> , 2012, 39, 6287-6296.	1.6	25
132	<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.	2.1	25
133	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.	1.2	25
134	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.	0.6	24
135	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.	0.4	24
136	Three-dimensional treatment planning for maxillary cancer using a CT simulator. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994, 30, 979-983.	0.4	23
137	Impact of boost irradiation with surgically placed radiopaque clips on local control in breast-conserving therapy. <i>Breast Cancer</i> , 2001, 8, 222-228.	1.3	22
138	A tumor-specific gene therapy strategy targeting dysregulation of the VHL/HIF pathway in renal cell carcinomas. <i>Cancer Science</i> , 2005, 96, 288-294.	1.7	22
139	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.	1.3	22
140	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.	0.4	22
141	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.	0.8	22
142	Systemic chemotherapy with vincristine, cyclophosphamide, doxorubicin and prednisolone following radiotherapy for primary central nervous system lymphoma: a phase II study. <i>Journal of Neuro-Oncology</i> , 1999, 42, 161-167.	1.4	21
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