

Billy W Loo

List of Publications by Year in descending order

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Version: 2024-02-01

149
papers

11,422
citations

44444

50
h-index

34195

103
g-index

150
all docs

150
docs citations

150
times ranked

14458
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-high dose rate electron beams and the FLASH effect: From preclinical evidence to a new radiotherapy paradigm. <i>Medical Physics</i> , 2022, 49, 2082-2095.	1.6	66
2	Detection of Recurrence After Thoracic Stereotactic Ablative Radiotherapy Using FDG-PET-CT. <i>Clinical Lung Cancer</i> , 2022, 23, 282-289.	1.1	1
3	Acute and Late Esophageal Toxicity After SABR to Thoracic Tumors Near or Abutting the Esophagus. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 1144-1153.	0.4	2
4	Abdominopelvic FLASH Irradiation Improves PD-1 Immune Checkpoint Inhibition in Preclinical Models of Ovarian Cancer. <i>Molecular Cancer Therapeutics</i> , 2022, 21, 371-381.	1.9	31
5	Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 160-171.	0.4	32
6	Constrained by Constraints, or Manacled by Margin Mandates?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 264-266.	0.4	0
7	Effects of Ultra-high dose rate FLASH Irradiation on the Tumor Microenvironment in Lewis Lung Carcinoma: Role of Myosin Light Chain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1440-1453.	0.4	42
8	An automated optimization strategy to design collimator geometry for small field radiation therapy systems. <i>Physics in Medicine and Biology</i> , 2021, 66, 075016.	1.6	2
9	A robotically assisted 3D printed quality assurance lung phantom for Calypso. <i>Physics in Medicine and Biology</i> , 2021, 66, 074005.	1.6	3
10	Durvalumab for Stage III EGFR-Mutated NSCLC After Definitive Chemoradiotherapy. <i>Journal of Thoracic Oncology</i> , 2021, 16, 1030-1041.	0.5	79
11	Definition and assessment of high risk in patients considered for lobectomy for stage I non-small cell lung cancer: The American Association for Thoracic Surgery expert panel consensus document. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021, 162, 1605-1618.e6.	0.4	29
12	Multicellular Spheroids as In Vitro Models of Oxygen Depletion During FLASH Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 833-844.	0.4	26
13	Radiological tumour classification across imaging modality and histology. <i>Nature Machine Intelligence</i> , 2021, 3, 787-798.	8.3	41
14	Local Recurrence Outcomes of Colorectal Cancer Oligometastases Treated With Stereotactic Ablative Radiotherapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2021, 44, 559-564.	0.6	6
15	Cost Analysis of Audiovisual-Assisted Therapeutic Ambiance in Radiation Therapy (AVATAR)-Aided Omission of Anesthesia in Radiation for Pediatric Malignancies. <i>Practical Radiation Oncology</i> , 2020, 10, e91-e94.	1.1	3
16	KEAP1/NFE2L2 Mutations Predict Lung Cancer Radiation Resistance That Can Be Targeted by Glutaminase Inhibition. <i>Cancer Discovery</i> , 2020, 10, 1826-1841.	7.7	93
17	Impact of Audiovisual-Assisted Therapeutic Ambiance in Radiation Therapy (AVATAR) on Anesthesia Use, Payer Charges, and Treatment Time in Pediatric Patients. <i>Practical Radiation Oncology</i> , 2020, 10, e272-e279.	1.1	8
18	Abdominal FLASH irradiation reduces radiation-induced gastrointestinal toxicity for the treatment of ovarian cancer in mice. <i>Scientific Reports</i> , 2020, 10, 21600.	1.6	119

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19	Novel Radiation Therapy Paradigms and Immunomodulation: Heresies and Hope. <i>Seminars in Radiation Oncology</i> , 2020, 30, 194-200.	1.0	12
20	Integrating genomic features for non-invasive early lung cancer detection. <i>Nature</i> , 2020, 580, 245-251.	13.7	379
21	Patient motion tracking for non-isocentric and non-coplanar treatments via fixed frame-of-reference 3D camera. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 162-166.	0.8	1
22	Resection following concurrent chemotherapy and high-dose radiation for stage IIIA non-small cell lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 1331-1345.e1.	0.4	16
23	Circulating tumor DNA dynamics predict benefit from consolidation immunotherapy in locally advanced non-small-cell lung cancer. <i>Nature Cancer</i> , 2020, 1, 176-183.	5.7	201
24	Understanding High-Dose, Ultra-High Dose Rate, and Spatially Fractionated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 766-778.	0.4	70
25	FLASH Irradiation Results in Reduced Severe Skin Toxicity Compared to Conventional-Dose-Rate Irradiation. <i>Radiation Research</i> , 2020, 194, 618-624.	0.7	64
26	Evaluating the Reproducibility of Mouse Anatomy under Rotation in a Custom Immobilization Device for Conformal FLASH Radiotherapy. <i>Radiation Research</i> , 2020, 194, 600-606.	0.7	2
27	Initial Steps Towards a Clinical FLASH Radiotherapy System: Pediatric Whole Brain Irradiation with 40 MeV Electrons at FLASH Dose Rates. <i>Radiation Research</i> , 2020, 194, 594-599.	0.7	11
28	Predictors of Respiratory Decline Following Stereotactic Ablative Radiotherapy to Multiple Lung Tumors. <i>Clinical Lung Cancer</i> , 2019, 20, 461-468.e2.	1.1	5
29	Radiotherapy and Immunotherapy—Shining Further Together. <i>JAMA Oncology</i> , 2019, 5, 1291.	3.4	8
30	Reduced cognitive deficits after FLASH irradiation of whole mouse brain are associated with less hippocampal dendritic spine loss and neuroinflammation. <i>Radiotherapy and Oncology</i> , 2019, 139, 4-10.	0.3	166
31	Stereotactic ablative radiotherapy for central and ultra-central lung tumors. <i>Therapeutic Radiology and Oncology</i> , 2019, 3, 18-18.	0.2	3
32	FLT-PET-CT for the Detection of Disease Recurrence After Stereotactic Ablative Radiotherapy or Hyperfractionation for Thoracic Malignancy: A Prospective Pilot Study. <i>Frontiers in Oncology</i> , 2019, 9, 467.	1.3	8
33	PHASER: A platform for clinical translation of FLASH cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 139, 28-33.	0.3	110
34	Lessons Learned From Hurricane Maria in Puerto Rico: Practical Measures to Mitigate the Impact of a Catastrophic Natural Disaster on Radiation Oncology Patients. <i>Practical Radiation Oncology</i> , 2019, 9, 305-321.	1.1	51
35	Conical beam geometry intensity-modulated radiation therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 125014.	1.6	4
36	Increases in Serial Pretreatment 18F-FDG PET-CT Metrics Predict Survival in Early Stage Non-Small Cell Lung Cancer Treated With Stereotactic Ablative Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2019, 4, 429-437.	0.6	2

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37	Mortality of lung cancer as a second primary malignancy: A population-based cohort study. <i>Cancer Medicine</i> , 2019, 8, 3269-3277.	1.3	22
38	SABR-COMET: harbinger of a new cancer treatment paradigm. <i>Lancet, The</i> , 2019, 393, 2013-2014.	6.3	14
39	The use of texture-based radiomics CT analysis to predict outcomes in early-stage non-small cell lung cancer treated with stereotactic ablative radiotherapy. <i>British Journal of Radiology</i> , 2019, 92, 20180228.	1.0	35
40	A Feasibility Study of Single-inhalation, Single-energy Xenon-enhanced CT for High-resolution Imaging of Regional Lung Ventilation in Humans. <i>Academic Radiology</i> , 2019, 26, 38-49.	1.3	2
41	Preclinical testing of ultra-rapid FLASH total abdominal irradiation demonstrates survival benefit and decreased gastrointestinal toxicity compared to conventional external beam radiation.. <i>Journal of Clinical Oncology</i> , 2019, 37, 3092-3092.	0.8	1
42	18F-EF5 PET-based Imageable Hypoxia Predicts Local Recurrence in Tumors Treated With Highly Conformal Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1183-1192.	0.4	22
43	A Quantitative CT Imaging Signature Predicts Survival and Complements Established Prognosticators in Stage I Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1098-1106.	0.4	20
44	Optimal imaging surveillance after stereotactic ablative radiation therapy for early-stage non-small cell lung cancer: Findings of an International Delphi Consensus Study. <i>Practical Radiation Oncology</i> , 2018, 8, e71-e78.	1.1	32
45	Chest wall dose reduction using noncoplanar volumetric modulated arc radiation therapy for lung stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , 2018, 8, e199-e207.	1.1	4
46	Technical Requirements for Lung Cancer Radiotherapy. , 2018, , 318-329.e2.		2
47	Prognostic value and molecular correlates of a CT image-based quantitative pleural contact index in early stage NSCLC. <i>European Radiology</i> , 2018, 28, 736-746.	2.3	17
48	Line-Enhanced Deformable Registration of Pulmonary Computed Tomography Images Before and After Radiation Therapy With Radiation-Induced Fibrosis. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303461774941.	0.8	2
49	Stereotactic Body Radiation Therapy for Operable Early-Stage Lung Cancer. <i>JAMA Oncology</i> , 2018, 4, 1263.	3.4	273
50	Prognostic Value of Pretreatment FDG-PET Parameters in High-dose Image-guided Radiotherapy for Oligometastatic Non-Small-cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2018, 19, e581-e588.	1.1	22
51	Invasive nodal evaluation prior to stereotactic ablative radiation for non-small cell lung cancer. <i>Lung Cancer</i> , 2018, 124, 76-85.	0.9	2
52	Dynamic CT imaging of volumetric changes in pulmonary nodules correlates with physical measurements of stiffness. <i>Radiotherapy and Oncology</i> , 2017, 122, 313-318.	0.3	11
53	Optimal Radiation Therapy for Small Cell Lung Cancer. <i>Current Treatment Options in Oncology</i> , 2017, 18, 21.	1.3	14
54	Pulmonary function after lung tumor stereotactic ablative radiotherapy depends on regional ventilation within irradiated lung. <i>Radiotherapy and Oncology</i> , 2017, 123, 270-275.	0.3	6

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55	Sinoatrial node toxicity after stereotactic ablative radiation therapy to lung tumors. Practical Radiation Oncology, 2017, 7, e525-e529.	1.1	9
56	Non-Small Cell Lung Cancer, Version 5.2017, NCCN Clinical Practice Guidelines in Oncology. Journal of the National Comprehensive Cancer Network: JNCCN, 2017, 15, 504-535.	2.3	994
57	Very high-energy electron (VHEE) beams in radiation therapy; Treatment plan comparison between VHEE, VMAT, and PPBS. Medical Physics, 2017, 44, 2544-2555.	1.6	54
58	Initial clinical outcomes of audiovisual-assisted therapeutic ambience in radiation therapy (AVATAR). Practical Radiation Oncology, 2017, 7, 311-318.	1.1	19
59	Stereotactic Ablative Radiotherapy for Early-Stage Lung Cancer. Seminars in Radiation Oncology, 2017, 27, 218-228.	1.0	20
60	A population-based comparative effectiveness study of chemoradiation regimens and sequences in stage III non-small cell lung cancer. Lung Cancer, 2017, 108, 173-182.	0.9	11
61	Normal Tissue Constraints for Abdominal and Thoracic Stereotactic Body Radiotherapy. Seminars in Radiation Oncology, 2017, 27, 197-208.	1.0	68
62	Thermal limits on MV x-ray production by bremsstrahlung targets in the context of novel linear accelerators. Medical Physics, 2017, 44, 6610-6620.	1.6	11
63	Mid-radiotherapy PET/CT for prognostication and detection of early progression in patients with stage III non-small cell lung cancer. Radiotherapy and Oncology, 2017, 125, 338-343.	0.3	29
64	Early Detection of Molecular Residual Disease in Localized Lung Cancer by Circulating Tumor DNA Profiling. Cancer Discovery, 2017, 7, 1394-1403.	7.7	701
65	(P003) Delivery of Ultra-Rapid Flash Radiation Therapy and Demonstration of Normal Tissue Sparing After Abdominal Irradiation of Mice. International Journal of Radiation Oncology Biology Physics, 2017, 98, E16.	0.4	96
66	Practical workflow for rapid prototyping of radiation therapy positioning devices. Practical Radiation Oncology, 2017, 7, 442-445.	1.1	2
67	Metabolic tumor volume predicts overall survival and local control in patients with stage III non-small cell lung cancer treated in ACRIN 6668/RTOG 0235. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 17-24.	3.3	98
68	Role of KEAP1, NRF2 and TP53 Mutations in Lung Squamous Cell Carcinoma Development and Radiation Resistance. Cancer Discovery, 2017, 7, 86-101.	7.7	239
69	Experimental Platform for Ultra-high Dose Rate FLASH Irradiation of Small Animals Using a Clinical Linear Accelerator. International Journal of Radiation Oncology Biology Physics, 2017, 97, 195-203.	0.4	177
70	Sinoatrial node dysfunction after stereotactic ablative radiation therapy in the chest.. Journal of Clinical Oncology, 2017, 35, 132-132.	0.8	0
71	Hypofractionated Intensity-Modulated Radiotherapy for Patients With Non-Small-Cell Lung Cancer. Clinical Lung Cancer, 2016, 17, 588-594.	1.1	19
72	Prognostic value of midtreatment FDG-PET in oropharyngeal cancer. Head and Neck, 2016, 38, 1472-1478.	0.9	29

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73	Robust Intratumor Partitioning to Identify High-Risk Subregions in Lung Cancer: A Pilot Study. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1504-1512.	0.4	71
74	Early-Stage Non-Small Cell Lung Cancer: Quantitative Imaging Characteristics of ¹⁸ F Fluorodeoxyglucose PET/CT Allow Prediction of Distant Metastasis. Radiology, 2016, 281, 270-278.	3.6	152
75	Assessment of the quality of very high-energy electron radiotherapy planning. Radiotherapy and Oncology, 2016, 119, 154-158.	0.3	34
76	CT ventilation functional image-based IMRT treatment plans are comparable to SPECT ventilation functional image-based plans. Radiotherapy and Oncology, 2016, 118, 521-527.	0.3	34
77	The impact of audiovisual biofeedback on 4D functional and anatomic imaging: Results of a lung cancer pilot study. Radiotherapy and Oncology, 2016, 120, 267-272.	0.3	10
78	Pre-treatment non-target lung FDG-PET uptake predicts symptomatic radiation pneumonitis following Stereotactic Ablative Radiotherapy (SABR). Radiotherapy and Oncology, 2016, 119, 454-460.	0.3	27
79	Time course and predictive factors for lung volume reduction following stereotactic ablative radiotherapy (SABR) of lung tumors. Radiation Oncology, 2016, 11, 40.	1.2	5
80	Integrated digital error suppression for improved detection of circulating tumor DNA. Nature Biotechnology, 2016, 34, 547-555.	9.4	837
81	Dosimetric Factors and Toxicity in Highly Conformal Thoracic Reirradiation. International Journal of Radiation Oncology Biology Physics, 2016, 94, 808-815.	0.4	31
82	Severe Chest Wall Toxicity From Cryoablation in the Setting of Prior Stereotactic Ablative Radiotherapy. Cureus, 2016, 8, e477.	0.2	3
83	Tracheal Diverticulum Following Paratracheal Hypofractionated Radiotherapy in the Setting of Prior and Subsequent Bevacizumab. Cureus, 2016, 8, e578.	0.2	2
84	Stereotactic Arrhythmia Radioablation (STAR) of Ventricular Tachycardia: A Treatment Planning Study. Cureus, 2016, 8, e694.	0.2	21
85	Optimization of an on-board imaging system for extremely rapid radiation therapy. Medical Physics, 2015, 42, 6757-6767.	1.6	7
86	Stereotactic ablative radiotherapy (SABR) for treatment of central and ultra-central lung tumors. Lung Cancer, 2015, 89, 50-56.	0.9	151
87	Comparison of film measurements and Monte Carlo simulations of dose delivered with very high-energy electron beams in a polystyrene phantom. Medical Physics, 2015, 42, 1606-1613.	1.6	40
88	Treatment planning for radiotherapy with very high-energy electron beams and comparison of VHEE and VMAT plans. Medical Physics, 2015, 42, 2615-2625.	1.6	55
89	Outcomes of Modestly Hypofractionated Radiation for Lung Tumors: Pre- and Mid-Treatment Positron Emission Tomography-Computed Tomography Metrics as Prognostic Factors. Clinical Lung Cancer, 2015, 16, 475-485.	1.1	9
90	Gastrointestinal Toxicities With Combined Antiangiogenic and Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2015, 92, 568-576.	0.4	75

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91	Analysis of Long-Term 4-Dimensional Computed Tomography Regional Ventilation After Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 683-690.	0.4	17
92	Noninvasive pulmonary nodule elastometry by CT and deformable image registration. <i>Radiotherapy and Oncology</i> , 2015, 115, 35-40.	0.3	7
93	Colorectal Histology Is Associated With an Increased Risk of Local Failure in Lung Metastases Treated With Stereotactic Ablative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1044-1052.	0.4	61
94	Precision Hypofractionated Radiation Therapy in Poor Performing Patients With Non-Small Cell Lung Cancer: Phase 1 Dose Escalation Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 72-81.	0.4	62
95	Stereotactic Ablative Radiotherapy for the Treatment of Refractory Cardiac Ventricular Arrhythmia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 748-750.	2.1	155
96	Anatomic optimization of lung tumor stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , 2015, 5, e607-e613.	1.1	4
97	To SABR or Not to SABR? Indications and Contraindications for Stereotactic Ablative Radiotherapy in the Treatment of Early-Stage, Oligometastatic, or Oligoprogressive Non-“Small Cell Lung Cancer. <i>Seminars in Radiation Oncology</i> , 2015, 25, 78-86.	1.0	20
98	Feasibility and Potential Utility of Multicomponent Exhaled Breath Analysis for Predicting Development of Radiation Pneumonitis After Stereotactic Ablative Radiotherapy. <i>Journal of Thoracic Oncology</i> , 2014, 9, 957-964.	0.5	7
99	Stereotactic Ablative Radiotherapy for Pulmonary Oligometastases and Oligometastatic Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1426-1433.	0.5	49
100	An ultrasensitive method for quantitating circulating tumor DNA with broad patient coverage. <i>Nature Medicine</i> , 2014, 20, 548-554.	15.2	1,771
101	Lung Volume Reduction After Stereotactic Ablative Radiation Therapy of Lung Tumors: Potential Application to Emphysema. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 216-223.	0.4	5
102	Pulmonary Ventilation Imaging Based on 4-Dimensional Computed Tomography: Comparison With Pulmonary Function Tests and ASPECT Ventilation Images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 414-422.	0.4	81
103	Vagal and recurrent laryngeal neuropathy following stereotactic ablative radiation therapy in the chest. <i>Practical Radiation Oncology</i> , 2014, 4, 272-278.	1.1	15
104	A Population-Based Comparative Effectiveness Study of Radiation Therapy Techniques in Stage III Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 872-884.	0.4	69
105	Imaging Features Associated With Disease Progression After Stereotactic Ablative Radiotherapy for Stage I Non-“Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2014, 15, 294-301.e3.	1.1	25
106	The effect of arm position on the dosimetry of thoracic stereotactic ablative radiation therapy using volumetric modulated arc therapy. <i>Practical Radiation Oncology</i> , 2014, 4, 192-197.	1.1	3
107	Non-“Small Cell Lung Cancer, Version 1.2015. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2014, 12, 1738-1761.	2.3	156
108	Noninvasive and ultrasensitive quantitation of circulating tumor DNA by hybrid capture and deep sequencing.. <i>Journal of Clinical Oncology</i> , 2014, 32, 11016-11016.	0.8	0

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109	Clinical impact of dose overestimation by effective path length calculation in stereotactic ablative radiation therapy of lung tumors. <i>Practical Radiation Oncology</i> , 2013, 3, 294-300.	1.1	19
110	Clinical Implementation of Intrafraction Cone Beam Computed Tomography Imaging During Lung Tumor Stereotactic Ablative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 917-923.	0.4	32
111	Metabolic Tumor Volume Predicts Disease Progression and Survival in Patients with Squamous Cell Carcinoma of the Anal Canal. <i>Journal of Nuclear Medicine</i> , 2013, 54, 27-32.	2.8	51
112	The Optimal Use of Radiotherapy in Small Cell Lung Cancer. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2013, 11, 107-114.	2.3	1
113	4D CT lung ventilation images are affected by the 4D CT sorting method. <i>Medical Physics</i> , 2013, 40, 101907.	1.6	52
114	Migration of implanted markers for image-guided lung tumor stereotactic ablative radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 77-89.	0.8	19
115	Stereotactic Ablative Radiotherapy for Reirradiation of Locally Recurrent Lung Tumors. <i>Journal of Thoracic Oncology</i> , 2012, 7, 1462-1465.	0.5	78
116	Validation that Metabolic Tumor Volume Predicts Outcome in Head-and-Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1514-1520.	0.4	89
117	Tumor Volume-Adapted Dosing in Stereotactic Ablative Radiotherapy of Lung Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 231-237.	0.4	66
118	Postchemoradiotherapy Positron Emission Tomography Predicts Pathologic Response and Survival in Patients With Esophageal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 471-477.	0.4	54
119	Intrafraction Verification of Gated RapidArc by Using Beam-Level Kilovoltage X-Ray Images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, e709-e715.	0.4	27
120	Evaluation of a metal artifact reduction technique in tonsillar cancer delineation. <i>Practical Radiation Oncology</i> , 2012, 2, 27-34.	1.1	9
121	Reproducibility of Four-dimensional Computed Tomography-based Lung Ventilation Imaging. <i>Academic Radiology</i> , 2012, 19, 1554-1565.	1.3	53
122	Metabolic imaging metrics correlate with survival in early stage lung cancer treated with stereotactic ablative radiotherapy. <i>Lung Cancer</i> , 2012, 78, 219-224.	0.9	46
123	Metabolic Tumor Volume is an Independent Prognostic Factor in Patients Treated Definitively for Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2012, 13, 52-58.	1.1	83
124	Stereotactic ablative radiotherapy: what's in a name?. <i>Practical Radiation Oncology</i> , 2011, 1, 38-39.	1.1	53
125	Image-Guided Robotic Stereotactic Ablative Radiotherapy for Lung Tumors: The CyberKnife. <i>Medical Radiology</i> , 2011, , 715-724.	0.0	0
126	38, 2424-2429.	1.6	24

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127	Postradiation Metabolic Tumor Volume Predicts Outcome in Head-and-Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2011, 80, 514-521.	0.4	63
128	High Retention and Safety of Percutaneously Implanted Endovascular Embolization Coils as Fiducial Markers for Image-Guided Stereotactic Ablative Radiotherapy of Pulmonary Tumors. International Journal of Radiation Oncology Biology Physics, 2011, 81, 85-90.	0.4	38
129	What the Diagnostic Radiologist Needs to Know about Radiation Oncology. Radiology, 2011, 261, 30-44.	3.6	19
130	Stereotactic ablative radiotherapy (SABR) for lung cancer: What does the future hold?. Journal of Thoracic Disease, 2011, 3, 150-2.	0.6	14
131	Alternatives to Surgery for Early Stage Non-Small Cell Lung Cancer-Ready for Prime Time?. Current Treatment Options in Oncology, 2010, 11, 24-35.	1.3	25
132	Stereotactic Ablative Radiotherapy Should Be Combined With a Hypoxic Cell Radiosensitizer. International Journal of Radiation Oncology Biology Physics, 2010, 78, 323-327.	0.4	131
133	CyberKnife Stereotactic Ablative Radiotherapy for Lung Tumors. Technology in Cancer Research and Treatment, 2010, 9, 589-596.	0.8	49
134	Molecular Imaging and PET/CT. , 2010, , 155-169.		0
135	Stereotactic body radiation therapy (stereotactic ablative radiotherapy) for stage I non-small cell lung cancer—updates of radiobiology, techniques, and clinical outcomes. Discovery Medicine, 2010, 9, 411-7.	0.5	20
136	Metabolic Tumor Volume Predicts for Recurrence and Death in Head-and-Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1335-1341.	0.4	186
137	Re: "The safety and efficacy of robotic image-guided radiosurgery system treatment for intra- and extracranial lesions: A systematic review of the literature" [Radiotherapy and Oncology 89 (2009) 245-253]. Radiotherapy and Oncology, 2009, 93, 656-657.	0.3	7
138	Stereotactic body radiotherapy for primary and oligometastatic cancers. Community Oncology, 2009, 6, 456-462.	0.2	1
139	Safety and Efficacy of Percutaneous Fiducial Marker Implantation for Image-guided Radiation Therapy. Journal of Vascular and Interventional Radiology, 2009, 20, 235-239.	0.2	174
140	Retrospective Analysis of Artifacts in Four-Dimensional CT Images of 50 Abdominal and Thoracic Radiotherapy Patients. International Journal of Radiation Oncology Biology Physics, 2008, 72, 1250-1258.	0.4	215
141	RT_Image: An Open-Source Tool for Investigating PET in Radiation Oncology. Technology in Cancer Research and Treatment, 2007, 6, 111-121.	0.8	62
142	Impact of Integrated PET/CT on Variability of Target Volume Delineation in Rectal Cancer. Technology in Cancer Research and Treatment, 2007, 6, 31-36.	0.8	86
143	Metabolic Tumor Burden Predicts for Disease Progression and Death in Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2007, 69, 328-333.	0.4	179
144	Quantification of Motion of Different Thoracic Locations Using Four-Dimensional Computed Tomography: Implications for Radiotherapy Planning. International Journal of Radiation Oncology Biology Physics, 2007, 69, 1395-1401.	0.4	45

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145	Results of a Phase I Dose-Escalation Study Using Single-Fraction Stereotactic Radiotherapy for Lung Tumors. <i>Journal of Thoracic Oncology</i> , 2006, 1, 802-809.	0.5	98
146	Indirect MR lymphangiography of the head and neck using conventional gadolinium contrast: A pilot study in humans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 462-468.	0.4	17
147	Four-dimensional cone-beam computed tomography using an on-board imager. <i>Medical Physics</i> , 2006, 33, 3825-3833.	1.6	176
148	Results of a Phase I Dose-Escalation Study Using Single-Fraction Stereotactic Radiotherapy for Lung Tumors. <i>Journal of Thoracic Oncology</i> , 2006, 1, 802-809.	0.5	193
149	Optical Detection of Tumors In Vivo by Visible Light Tissue Oximetry. <i>Technology in Cancer Research and Treatment</i> , 2005, 4, 227-234.	0.8	17