X Allen Li

List of Publications by Year
in descending order

156	6,971	53202	70222
papers	citations	45 h-index	77 g-index

163	163	163	7313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autoâ€detection of necessity for MRIâ€guided online adaptive replanning using a machine learning classifier. Medical Physics, 2023, 50, 440-448.	2.9	3
2	Deep learning based automatic contour refinement for inaccurate auto-segmentation in MR-guided adaptive radiotherapy. Physics in Medicine and Biology, 2023, 68, 055004.	3.0	2
3	Automated deep learning auto-segmentation of air volumes for MRI-guided online adaptive radiation therapy of abdominal tumors. Physics in Medicine and Biology, 2023, 68, 125011.	3.0	1
4	Obtaining organ-specific radiobiological parameters from clinical data for radiation therapy planning of head and neck cancers. Physics in Medicine and Biology, 2023, 68, 245015.	3.0	2
5	Use of a DVH overlay technique for quality assurance of deformable image registrationâ€based dose accumulation. Medical Physics, 2022, 49, 611-623.	2.9	7
6	Magnetic resonance linear accelerator technology and adaptive radiation therapy: An overview for clinicians. Ca-A Cancer Journal for Clinicians, 2022, 72, 34-56.	260.6	57
7	General and custom deep learning autosegmentation models for organs in head and neck, abdomen, and male pelvis. Medical Physics, 2022, 49, 1686-1700.	2.9	18
8	Multiâ€parametric magnetic resonance imaging for radiation treatment planning. Medical Physics, 2022, 49, 2836-2845.	2.9	3
9	Automatic Contour Refinement for Deep Learning Auto-segmentation of Complex Organs in MRI-guided Adaptive Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100968.	1.2	12
10	A Prior Knowledge-Guided, Deep Learning-Based Semiautomatic Segmentation for Complex Anatomy on Magnetic Resonance Imaging. International Journal of Radiation Oncology Biology Physics, 2022, 114, 349-359.	0.8	4
11	Development and implementation of an automatic air delineation technique for MRI-guided adaptive radiation therapy. Physics in Medicine and Biology, 2022, 67, 145011.	3.0	4
12	Deep Learning-Based Automatic Detection of Brain Metastases in Heterogenous Multi-Institutional Magnetic Resonance Imaging Sets: An Exploratory Analysis of NRG-CC001. International Journal of Radiation Oncology Biology Physics, 2022, 114, 529-536.	0.8	10
13	Organs at Risk Considerations for Thoracic Stereotactic Body Radiation Therapy: What Is Safe for Lung Parenchyma?. International Journal of Radiation Oncology Biology Physics, 2021, 110, 172-187.	0.8	60
14	Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 160-171.	0.8	37
15	Adaptive Radiation Therapy (ART) Strategies and Technical Considerations: A State of the ART Review From NRG Oncology. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1054-1075.	0.8	136
16	Technical Note: Using virtual noncontrast images from dualâ€energy CT to eliminate the need of precontrast CT for xâ€ray radiation treatment planning of abdominal tumors^{â€}. Medical Physics, 2021, 48, 1365-1371.	2.9	7
17	Radiation-induced lung damage in patients treated with stereotactic body radiotherapy after EGFR-TKIs: is there any difference from stereotactic body radiotherapy alone?. Annals of Palliative Medicine, 2021, 10, 2832-2842.	1.2	6
18	Machine QA for the Elekta Unity system: A Report from the Elekta MRâ€linac consortium. Medical Physics, 2021, 48, e67-e85.	2.9	60

#	Article	IF	Citations
19	Tumor Control Probability Modeling for Radiation Therapy of Keratinocyte Carcinoma. Frontiers in Oncology, 2021, 11, 621641.	2.9	3
20	Stereotactic Body Radiation Therapy for Spinal Metastases: Tumor Control Probability Analyses and Recommended Reporting Standards. International Journal of Radiation Oncology Biology Physics, 2021, 110, 112-123.	0.8	30
21	Maximizing Tumor Control and Limiting Complications With Stereotactic Body Radiation Therapy for Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 206-216.	0.8	32
22	Clinical Implementation and Initial Experience of Real-Time Motion Tracking With Jaws and Multileaf Collimator During Helical Tomotherapy Delivery. Practical Radiation Oncology, 2021, 11, e486-e495.	2.1	21
23	Radiation Therapy for Treatment of Soft Tissue Sarcoma in Adults: Executive Summary of an ASTRO Clinical Practice Guideline. Practical Radiation Oncology, 2021, 11, 339-351.	2.1	75
24	In Reply to Erguchi et al.. International Journal of Radiation Oncology Biology Physics, 2021, 111, 1089-1090.	0.8	1
25	Indications of Online Adaptive Replanning Based On Organ Deformation. Practical Radiation Oncology, 2020, 10, e95-e102.	2.1	8
26	High dose radiation therapy based on normal tissue constraints with concurrent chemotherapy achieves promising survival of patients with unresectable stage III non-small cell lung cancer. Radiotherapy and Oncology, 2020, 145, 7-12.	0.6	5
27	A daily endâ€toâ€end quality assurance workflow for MRâ€guided online adaptive radiation therapy on MRâ€Linac. Journal of Applied Clinical Medical Physics, 2020, 21, 205-212.	1.8	23
28	Patterns of Failure Observed in the 2-Step Institution Credentialing Process for NRG Oncology/Radiation Therapy Oncology Group 1005 (NCT01349322) and Lessons Learned. Practical Radiation Oncology, 2020, 10, 265-273.	2.1	4
29	Automated air region delineation on MRI for synthetic CT creation. Physics in Medicine and Biology, 2020, 65, 025009.	3.0	4
30	Improving Structure Delineation for Radiation Therapy Planning Using Dual-Energy CT. Frontiers in Oncology, 2020, 10, 1694.	2.9	11
31	Initial clinical experience of Stereotactic Body Radiation Therapy (SBRT) for liver metastases, primary liver malignancy, and pancreatic cancer with 4D-MRI based online adaptation and real-time MRI monitoring using a 1.5 Tesla MR-Linac. PLoS ONE, 2020, 15, e0236570.	2.5	52
32	A Patient-Specific Autosegmentation Strategy Using Multi-Input Deformable Image Registration for Magnetic Resonance Imagingâ€“Guided Online Adaptive RadiationÂTherapy: A Feasibility Study. Advances in Radiation Oncology, 2020, 5, 17-25.	1.2	0
33	A Patient-Specific Autosegmentation Strategy Using Multi-Input Deformable Image Registration for Magnetic Resonance Imagingâ€“Guided Online Adaptive RadiationÂTherapy: A Feasibility Study. Advances in Radiation Oncology, 2020, 5, 1350-1358.	1.2	27
34	4D-MRI driven MR-guided online adaptive radiotherapy for abdominal stereotactic body radiation therapy on a high field MR-Linac: Implementation and initial clinical experience. Clinical and Translational Radiation Oncology, 2020, 23, 72-79.	1.8	73
35	Feasibility of realâ€time motion tracking using cine MRI during MRâ€guided radiation therapy for abdominal targets. Medical Physics, 2020, 47, 3554-3566.	2.9	41
36	Automatic Seizure Detection using Fully Convolutional Nested LSTM. International Journal of Neural Systems, 2020, 30, 2050019.	6.0	95

#	Article	IF	Citations
37	A Fast Online Replanning Algorithm Based on Intensity Field Projection for Adaptive Radiotherapy. Frontiers in Oncology, 2020, 10, 287.	2.9	3
38	Mapping transient hypoxia from in situ activation of 15O by photon beams: A simulation study. Radiation Physics and Chemistry, 2020, 172, 108815.	2.8	0
39	Auto-segmentation of pancreatic tumor in multi-parametric MRI using deep convolutional neural networks. Radiotherapy and Oncology, 2020, 145, 193-200.	0.6	64
40	Technical Note: Comprehensive performance tests of the first clinical realâ€time motion tracking and compensation system using MLC and jaws. Medical Physics, 2020, 47, 2814-2825.	2.9	28
41	Textureâ€based, automatic contour validation for online adaptive replanning: A feasibility study on abdominal organs. Medical Physics, 2019, 46, 4010-4020.	2.9	15
42	Measurement validation of treatment planning for a MRâ€Linac. Journal of Applied Clinical Medical Physics, 2019, 20, 28-38.	1.8	18
43	The transformation of radiation oncology using real-time magnetic resonance guidance: A review. European Journal of Cancer, 2019, 122, 42-52.	2.9	146
44	A machine learning based delta-radiomics process for early prediction of treatment response of pancreatic cancer. Npj Precision Oncology, 2019, 3, 25.	5.5	110
45	Estimation of changing gross tumor volume from longitudinal CTs during radiation therapy delivery based on a texture analysis with classifier algorithms: a proof-of-concept study. Quantitative Imaging in Medicine and Surgery, 2019, 9, 1189-1200.	2.1	0
46	Correlation of CT texture changes with treatment response during radiation therapy for esophageal cancer: An exploratory study. PLoS ONE, 2019, 14, e0223140.	2.5	6
47	Time stability of deltaâ€radiomics features and the impact on patient analysis in longitudinal CT images. Medical Physics, 2019, 46, 1663-1676.	2.9	19
48	NCTN Assessment on Current Applications of Radiomics in Oncology. International Journal of Radiation Oncology Biology Physics, 2019, 104, 302-315.	0.8	47
49	A Technique to Rapidly Generate Synthetic Computed Tomography for Magnetic Resonance Imagingâ€“Guided Online Adaptive Replanning: An Exploratory Study. International Journal of Radiation Oncology Biology Physics, 2019, 103, 1261-1270.	0.8	13
50	A preferred patient decubitus positioning for magnetic resonance image guided online adaptive radiation therapy of pancreatic cancer. Physics and Imaging in Radiation Oncology, 2019, 12, 22-29.	2.8	1
51	The Dosimetric Impact of Interfractional Organ-at-Risk Movement During Liver Stereotactic Body Radiation Therapy. Practical Radiation Oncology, 2019, 9, e549-e558.	2.1	6
52	Improving Treatment Response Prediction for Chemoradiation Therapy of Pancreatic Cancer Using a Combination of Delta-Radiomics and the Clinical Biomarker CA19-9. Frontiers in Oncology, 2019, 9, 1464.	2.9	41
53	A fast 4D <scp>IMRT</scp>/<scp>VMAT</scp> planning method based on segment aperture morphing. Medical Physics, 2018, 45, 1594-1602.	2.9	5
54	Correlation of ADC With Pathological Treatment Response for Radiation Therapy of Pancreatic Cancer. Translational Oncology, 2018, 11, 391-398.	3.8	38

#	Article	IF	Citations
55	Precision Oncology and Genomically Guided Radiation Therapy: A Report From the American Society for Radiation Oncology/American Association of Physicists in Medicine/National Cancer Institute Precision Medicine Conference. International Journal of Radiation Oncology Biology Physics, 2018, 101, 274-284.	0.8	54
56	Magnetic Resonance Imaging-Guided Adaptive Radiation Therapy: A â€œGame Changerâ€•for Prostate Treatment?. International Journal of Radiation Oncology Biology Physics, 2018, 100, 361-373.	0.8	135
57	Kinetic modeling of tumor regression incorporating the concept of cancer stem-like cells for patients with locally advanced lung cancer. Theoretical Biology and Medical Modelling, 2018, 15, 23.	2.1	4
58	Variations of MRI-assessed peristaltic motions during radiation therapy. PLoS ONE, 2018, 13, e0205917.	2.5	35
59	Magnetic Resonance-based Response Assessment and Dose Adaptation in Human Papilloma Virus Positive Tumors of the Oropharynx treated with Radiotherapy (MR-ADAPTOR): An R-IDEAL stage 2a-2b/Bayesian phase II trial. Clinical and Translational Radiation Oncology, 2018, 13, 19-23.	1.8	42
60	Appropriate magnetic resonance imaging techniques for gross tumor volume delineation in external beam radiation therapy of locally advanced cervical cancer. Oncotarget, 2018, 9, 10100-10109.	2.1	7
61	Technical Note: Enhancing soft tissue contrast and radiationâ€induced image changes with dualâ€energy CT for radiation therapy. Medical Physics, 2018, 45, 4238-4245.	2.9	9
62	Feasibility of realâ€time lung tumor motion monitoring using intrafractional ultrasound and <scp>kV</scp> cone beam projection images. Medical Physics, 2018, 45, 4619-4626.	2.9	10
63	PET-based Treatment Response Assessment for Neoadjuvant Chemoradiation in Pancreatic Adenocarcinoma: An Exploratory Study. Translational Oncology, 2018, 11, 1104-1109.	3.8	21
64	Technical Note: Acceleration of online adaptive replanning with automation and parallel operations. Medical Physics, 2018, 45, 4370-4376.	2.9	8
65	Early Assessment of Treatment Responses During Radiation Therapy for Lung Cancer Using Quantitative Analysis of Daily Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2017, 98, 463-472.	0.8	19
66	Technical Note: Is bulk electron density assignment appropriate for MRI-only based treatment planning for lung cancer?. Medical Physics, 2017, 44, 3437-3443.	2.9	20
67	A graphical approach to optimizing variable-kernel smoothing parameters for improved deformable registration of CT and cone beam CT images. Physics in Medicine and Biology, 2017, 62, 6246-6260.	3.0	3
68	Reducing radiation dose and enhancing imaging quality of 4DCT for radiation therapy using iterative reconstruction algorithms. Advances in Radiation Oncology, 2017, 2, 515-521.	1.2	14
69	Improving CT quality with optimized image parameters for radiation treatment planning and delivery guidance. Physics and Imaging in Radiation Oncology, 2017, 4, 6-11.	2.8	23
70	Management of independent motion between multiple targets in lung cancer radiation therapy. Practical Radiation Oncology, 2017, 7, 26-34.	2.1	4
71	Tumor control probability modeling for stereotactic body radiation therapy of early-stage lung cancer using multiple bio-physical models. Radiotherapy and Oncology, 2017, 122, 286-294.	0.6	46
72	Anatomic, functional and molecular imaging in lung cancer precision radiation therapy: treatment response assessment and radiation therapy personalization. Translational Lung Cancer Research, 2017, 6, 670-688.	2.7	20

#	Article	IF	Citations
73	Assessment of treatment response during chemoradiation therapy for pancreatic cancer based on quantitative radiomic analysis of daily CTs: An exploratory study. PLoS ONE, 2017, 12, e0178961.	2.5	64
74	An analysis of tumor control probability of stereotactic body radiation therapy for lung cancer with a regrowth model. Physics in Medicine and Biology, 2016, 61, 3903-3913.	3.0	20
75	MRI-based IMRT planning for MR-linac: comparison between CT- and MRI-based plans for pancreatic and prostate cancers. Physics in Medicine and Biology, 2016, 61, 3819-3842.	3.0	38
76	Preliminary results on the feasibility of using ultrasound to monitor intrafractional motion during radiation therapy for pancreatic cancer. Medical Physics, 2016, 43, 5252-5260.	2.9	15
77	Technical Note: Development and performance of a software tool for quality assurance of online replanning with a conventional Linac or MRâ€Linac. Medical Physics, 2016, 43, 1713-1719.	2.9	30
78	Technical Note: A fast online adaptive replanning method for VMAT using flattening filter free beams. Medical Physics, 2016, 43, 2756-2764.	2.9	14
79	Technical Note: Dose effects of 1.5 T transverse magnetic field on tissue interfaces in MRI-guided radiotherapy. Medical Physics, 2016, 43, 4797-4802.	2.9	51
80	Simple Factors Associated With Radiation-Induced Lung Toxicity After Stereotactic Body Radiation Therapy of the Thorax: A Pooled Analysis of 88 Studies. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1357-1366.	0.8	142
81	Radiation-induced CT number changes in GTV and parotid glands during the course of radiation therapy for nasopharyngeal cancer. British Journal of Radiology, 2016, 89, 20140819.	2.3	8
82	Margin reduction from image guided radiation therapy for soft tissue sarcoma: Secondary analysis of Radiation Therapy Oncology Group 0630 results. Practical Radiation Oncology, 2016, 6, e135-e140.	2.1	19
83	A Comparison of Lumpectomy Cavity Delineations Between Use of Magnetic Resonance Imaging and Computed Tomography Acquired With Patient in Prone Position for Radiation Therapy Planning of Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2016, 94, 832-840.	0.8	13
84	SU-G-JeP2-05: Dose Effects of a 1.5T Magnetic Field On Air-Tissue and Lung-Tissue Interfaces in MRI-Guided Radiotherapy. Medical Physics, 2016, 43, 3660-3660.	2.9	0
85	Comprehensive MRI simulation methodology using a dedicated MRI scanner in radiation oncology for external beam radiation treatment planning. Medical Physics, 2015, 42, 28-39.	2.9	124
86	Sensorineural Hearing Loss after Combined Intensity Modulated Radiation Therapy and Cisplatin-Based Chemotherapy for Nasopharyngeal Carcinoma. Translational Oncology, 2015, 8, 456-462.	3.8	28
87	Gradient maintenance: A new algorithm for fast online replanning. Medical Physics, 2015, 42, 2863-2876.	2.9	17
88	Significant Reduction of Late Toxicities in Patients With Extremity Sarcoma Treated With Image-Guided Radiation Therapy to a Reduced Target Volume: Results of Radiation Therapy Oncology Group RTOG-0630 Trial. Journal of Clinical Oncology, 2015, 33, 2231-2238.	15.4	226
89	Computed Tomography Number Changes Observed During Computed Tomographyâ€“Guided Radiation Therapy for Head and Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2015, 91, 1041-1047.	0.8	23
90	A planning comparison of 7 irradiation options allowed in RTOG 1005 for early-stage breast cancer. Medical Dosimetry, 2015, 40, 21-25.	0.8	27

#	Article	IF	Citations
91	Online adaptive planning for prostate cancer radiotherapy is necessary and ready now. Medical Physics, 2014, 41, 080601.	2.9	8
92	Adaptive Replanning to Account for Lumpectomy Cavity Change in Sequential Boost After Whole-Breast Irradiation. International Journal of Radiation Oncology Biology Physics, 2014, 90, 1208-1215.	0.8	15
93	Variability of Target and Normal Structure Delineation Using Multimodality Imaging for Radiation Therapy of Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2014, 89, 633-640.	0.8	38
94	Determination of Internal Target Volume for Radiation Treatment Planning of Esophageal Cancer by Using 4-Dimensional Computed Tomography (4DCT). International Journal of Radiation Oncology Biology Physics, 2014, 90, 102-109.	0.8	11
95	Consolidating duodenal and small bowel toxicity data via isoeffective dose calculations based on compiled clinical data. Practical Radiation Oncology, 2014, 4, e125-e131.	2.1	10
96	Statistical Modeling Approach to Quantitative Analysis of Interobserver Variability in Breast Contouring. International Journal of Radiation Oncology Biology Physics, 2014, 89, 214-221.	0.8	22
97	Combined online and offline adaptive radiation therapy: A dosimetric feasibility study. Practical Radiation Oncology, 2014, 4, e75-e83.	2.1	14
98	Radiation dose responses for chemoradiation therapy of pancreatic cancer: An analysis of compiled clinical data using biophysical models. Practical Radiation Oncology, 2014, 4, 13-19.	2.1	37
99	Assessment and management of interfractional variations in daily diagnosticâ€qualityâ€CT guided prostateâ€bed irradiation after prostatectomy. Medical Physics, 2014, 41, 031710.	2.9	24
100	Comparison of Various Online Strategies to Account for Interfractional Variations for Pancreatic Cancer. International Journal of Radiation Oncology Biology Physics, 2013, 86, 914-921.	0.8	13
101	Management of Respiration-Induced Motion With 4-Dimensional Computed Tomography (4DCT) for Pancreas Irradiation. International Journal of Radiation Oncology Biology Physics, 2013, 86, 908-913.	0.8	31
102	Evaluation of interfraction patient setup errors for image-guided prostate and head-and-neck radiotherapy using kilovoltage cone beam and megavoltage fan beam computed tomography. Journal of Radiotherapy in Practice, 2013, 12, 334-343.	0.5	6
103	The use and QA of biologically related models for treatment planning: Short report of the TG-166 of the therapy physics committee of the AAPM. Medical Physics, 2012, 39, 1386-1409.	2.9	210
104	Accumulating dailyâ€varied dose distributions of prostate radiation therapy with softâ€tissueâ€“based kV CT guidance. Journal of Applied Clinical Medical Physics, 2012, 13, 98-107.	1.8	19
105	Impact of Computed Tomography Image Quality on Image-Guided Radiation Therapy Based on Soft Tissue Registration. International Journal of Radiation Oncology Biology Physics, 2012, 82, e733-e738.	0.8	47
106	Characterization and Management of Interfractional Anatomic Changes for Pancreatic Cancer Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2012, 83, e423-e429.	0.8	90
107	Development of an online adaptive solution to account for inter- and intra-fractional variations. Radiotherapy and Oncology, 2011, 100, 370-374.	0.6	44
108	Internal margin assessment using cine MRI analysis of deglutition in head and neck cancer radiotherapy. Medical Physics, 2011, 38, 1740-1747.	2.9	18

#	Article	IF	Citations
109	Characterizing Interfraction Variations and Their Dosimetric Effects in Prostate Cancer Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2011, 79, 909-914.	0.8	67
110	Validation of an online replanning technique for prostate adaptive radiotherapy. Physics in Medicine and Biology, 2011, 56, 3659-3668.	3.0	20
111	SU-E-T-814: Dosimetric Feasibility of Dose Escalation with Gated IG-IMRT for Pancreatic Cancer. Medical Physics, 2011, 38, 3678-3678.	2.9	0
112	Radiation Doseâ€“Volume Effects in the Stomach and Small Bowel. International Journal of Radiation Oncology Biology Physics, 2010, 76, S101-S107.	0.8	467
113	Online Adaptive Replanning Method for Prostate Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1561-1572.	0.8	83
114	Tools for consensus analysis of expertsâ€™ contours for radiotherapy structure definitions. Radiotherapy and Oncology, 2010, 97, 572-578.	0.6	92
115	The Role of Image Guided Radiotherapy in the Treatment of Soft Tissue Sarcoma. Current Cancer Therapy Reviews, 2010, 6, 207-213.	0.4	3
116	Automated registration of large deformations for adaptive radiation therapy of prostate cancer. Medical Physics, 2009, 36, 1433-1441.	2.9	46
117	Improved critical structure sparing with biologically based IMRT optimization. Medical Physics, 2009, 36, 1790-1799.	2.9	46
118	Variability of Target and Normal Structure Delineation for Breast Cancer Radiotherapy: An RTOG Multi-Institutional and Multiobserver Study. International Journal of Radiation Oncology Biology Physics, 2009, 73, 944-951.	0.8	330
119	4776-4790.	2.9	46
120	Estimate of Radiobiologic Parameters From Clinical Data for Biologically Based Treatment Planning for Liver Irradiation. International Journal of Radiation Oncology Biology Physics, 2008, 70, 900-907.	0.8	59
121	Evaluation of a commercial biologically based IMRT treatment planning system. Medical Physics, 2008, 35, 5851-5860.	2.9	99
122		2.9	111
123	A Comparison of daily megavoltage CT and ultrasound image guided radiation therapy for prostate cancer. Medical Physics, 2008, 35, 5619-5628.	2.9	23
124	Respiratory gating for radiation therapy is not ready for prime time. Medical Physics, 2007, 34, 867-870.	2.9	25
125	BGRT: Biologically guided radiation therapyâ€”The future is fast approaching!. Medical Physics, 2007, 34, 3739-3751.	2.9	58
126	Development of an inverse optimization package to plan nonuniform dose distributions based on spatially inhomogeneous radiosensitivity extracted from biological images. Medical Physics, 2007, 34, 1198-1205.	2.9	20

#	Article	IF	Citations
127	Radiation Oncology Physicists Will Need to Better Understand Medical Imaging. Journal of the American College of Radiology, 2007, 4, 40-44.	1.8	4
128	Interfractional Variations in Patient Setup and Anatomic Change Assessed by Daily Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2007, 68, 581-591.	0.8	114
129	Intra- and Interfractional Variations for Prone Breast Irradiation: An Indication for Image-Guided Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2007, 69, 910-917.	0.8	59
130	An estimation of radiobiologic parameters from clinical outcomes for radiation treatment planning of brain tumor. International Journal of Radiation Oncology Biology Physics, 2006, 64, 1570-1580.	0.8	51
131	Dosimetric advantages of IMRT simultaneous integrated boost for high-risk prostate cancer. International Journal of Radiation Oncology Biology Physics, 2005, 61, 1251-1257.	0.8	63
132	Improving patient-specific dosimetry for intravascular brachytherapy. Brachytherapy, 2005, 4, 291-297.	0.8	5
133	Over the next decade the success of radiation treatment planning will be judged by the immediate biological response of tumor cells rather than by surrogate measures such as dose maximization and uniformity. Medical Physics, 2005, 32, 2189-2192.	2.9	31
134	Technical and dosimetric aspects of respiratory gating using a pressure-sensor motion monitoring system. Medical Physics, 2005, 33, 145-154.	2.9	155
135	Extending the linearâ€“quadratic model for large fraction doses pertinent to stereotactic radiotherapy. Physics in Medicine and Biology, 2004, 49, 4825-4835.	3.0	311
136	Impact of prolonged fraction delivery times on tumor control: A note of caution for intensity-modulated radiation therapy (IMRT). International Journal of Radiation Oncology Biology Physics, 2003, 57, 543-552.	0.8	195
137	How low is the Î±/Î² ratio for prostate cancer?. International Journal of Radiation Oncology Biology Physics, 2003, 55, 194-203.	0.8	293
138	Dose effects of stents in intravascular brachytherapy for in-stent restenosis: a Monte Carlo calculation. International Journal of Radiation Oncology Biology Physics, 2003, 55, 842-848.	0.8	10
139	Analysis of a large number of clinical studies for breast cancer radiotherapy: estimation of radiobiological parameters for treatment planning. Physics in Medicine and Biology, 2003, 48, 3307-3326.	3.0	43
140	Dose escalation in permanent brachytherapy for prostate cancer: dosimetric and biological considerations. Physics in Medicine and Biology, 2003, 48, 2753-2765.	3.0	45
141	Evaluation of external beam radiotherapy and brachytherapy for localized prostate cancer using equivalent uniform dose. Medical Physics, 2002, 30, 34-40.	2.9	53
142	Dose effect of guidewire position in intravascular brachytherapy. Physics in Medicine and Biology, 2002, 47, 1733-1740.	3.0	7
143	Dosimetric effects of source-offset in intravascular brachytherapy. Medical Physics, 2002, 29, 530-537.	2.9	13
144	Radiotherapy dose perturbation of metallic esophageal stents. International Journal of Radiation Oncology Biology Physics, 2002, 54, 1276-1285.	0.8	47

#	Article	IF	Citations
145	Optimized intensity-modulated arc therapy for prostate cancer treatment. International Journal of Cancer, 2001, 96, 379-384.	5.4	47
146	Monte Carlo dose calculations of beta-emitting sources for intravascular brachytherapy: A comparison between EGS4, EGSnrc, and MCNP. Medical Physics, 2001, 28, 134-141.	2.9	50
147	Monte Carlo characterization of a 32P source for intravascular brachytherapy. Medical Physics, 2001, 28, 1776-1785.	2.9	18
148	Dynamic wedge versus physical wedge: A Monte Carlo study. Medical Physics, 2001, 28, 612-619.	2.9	21
149	Reducing loss in lateral charged-particle equilibrium due to air cavities present in x-ray irradiated media by using longitudinal magnetic fields. Medical Physics, 2001, 28, 603-611.	2.9	17
150	Conformal photon-beam therapy with transverse magnetic fields: A Monte Carlo study. Medical Physics, 2001, 28, 127-133.	2.9	22
151	Dosimetric effects of contrast media for catheter-based intravascular brachytherapy. Medical Physics, 2001, 28, 757-763.	2.9	15
152	A Monte Carlo calculation of dosimetric parameters of 90Sr/90Y and 192Ir SS sources for intravascular brachytherapy. Medical Physics, 2000, 27, 2528-2535.	2.9	55
153	A systematic evaluation of air cavity dose perturbation in megavoltage x-ray beams. Medical Physics, 2000, 27, 1011-1017.	2.9	50
154	Peak scatter factors for high energy photon beams. Medical Physics, 1999, 26, 962-966.	2.9	4
155	Dosimetric effect of contrast media for catheter-based intravascular brachytherapy. , 0, , .		0
156	Assessment and management of interfraction variations of lumpectomy cavities in accelerated partial breast irradiation. Therapeutic Radiology and Oncology, 0, 3, 13-13.	0.1	0