

Randall K Ten Haken

List of Publications by Year in descending order

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247
papers

21,245
citations

10956

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139
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249
all docs

249
docs citations

249
times ranked

11889
citing authors

#	ARTICLE	IF	CITATIONS
1	In Reply to Tsurugai et al.. International Journal of Radiation Oncology Biology Physics, 2022, 113, 229.	0.4	0
2	Improved prediction of radiation pneumonitis by combining biological and radiobiological parameters using a data-driven Bayesian network analysis. Translational Oncology, 2022, 21, 101428.	1.7	6
3	Precision radiotherapy via information integration of expert human knowledge and AI recommendation to optimize clinical decision making. Computer Methods and Programs in Biomedicine, 2022, 221, 106927.	2.6	8
4	Local Control After Stereotactic Body Radiation Therapy for Liver Tumors. International Journal of Radiation Oncology Biology Physics, 2021, 110, 188-195.	0.4	131
5	Radiation Doseâ€Volume Effects for Liver SBRT. International Journal of Radiation Oncology Biology Physics, 2021, 110, 196-205.	0.4	67
6	Individualized Adaptive Radiation Therapy Allows for Safe Treatment of Hepatocellular Carcinoma in Patients With Child-Turcotte-Pugh B Liver Disease. International Journal of Radiation Oncology Biology Physics, 2021, 109, 212-219.	0.4	20
7	In Reply to Klement etÂal. International Journal of Radiation Oncology Biology Physics, 2021, 110, 250-251.	0.4	0
8	TNFR1 and the TNFÎ axis as a targetable mediator of liver injury from stereotactic body radiation therapy. Translational Oncology, 2021, 14, 100950.	1.7	14
9	A deep survival interpretable radiomics model of hepatocellular carcinoma patients. Physica Medica, 2021, 82, 295-305.	0.4	27
10	A Bayesian dose-finding design for outcomes evaluated with uncertainty. Clinical Trials, 2021, 18, 279-285.	0.7	0
11	Investigating the SPECT Dose-Function Metrics Associated With Radiation-Induced Lung Toxicity Risk in Patients With Non-small Cell Lung Cancer Undergoing Radiation Therapy. Advances in Radiation Oncology, 2021, 6, 100666.	0.6	3
12	Integrating Multiomics Information in Deep Learning Architectures for Joint Actuarial Outcome Prediction in Non-Small Cell Lung Cancer Patients After Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 110, 893-904.	0.4	31
13	A situational awareness Bayesian network approach for accurate and credible personalized adaptive radiotherapy outcomes prediction in lung cancer patients. Physica Medica, 2021, 87, 11-23.	0.4	9
14	Dynamic stochastic deep learning approaches for predicting geometric changes in head and neck cancer. Physics in Medicine and Biology, 2021, 66, 225006.	1.6	3
15	Feasibility of functionâ€guided lung treatment planning with parametric response mapping. Journal of Applied Clinical Medical Physics, 2021, 22, 80-89.	0.8	1
16	Quantum deep reinforcement learning for clinical decision support in oncology: application to adaptive radiotherapy. Scientific Reports, 2021, 11, 23545.	1.6	13
17	Machine Learning and Imaging Informatics in Oncology. Oncology, 2020, 98, 344-362.	0.9	40
18	Quantumâ€inspired algorithm for radiotherapy planning optimization. Medical Physics, 2020, 47, 5-18.	1.6	12

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19	Introduction to machine and deep learning for medical physicists. <i>Medical Physics</i> , 2020, 47, e127-e147.	1.6	68
20	Central Airway Toxicity After High Dose Radiation: A Combined Analysis of Prospective Clinical Trials for Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 587-596.	0.4	8
21	Artificial Intelligence: reshaping the practice of radiological sciences in the 21st century. <i>British Journal of Radiology</i> , 2020, 93, 20190855.	1.0	63
22	Balancing accuracy and interpretability of machine learning approaches for radiation treatment outcomes modeling. <i>BJR Open</i> , 2019, 1, 20190021.	0.4	45
23	Predictive Models to Determine Clinically Relevant Deviations in Delivered Dose for Head and Neck Cancer. <i>Practical Radiation Oncology</i> , 2019, 9, e422-e431.	1.1	19
24	Combining handcrafted features with latent variables in machine learning for prediction of radiation-induced lung damage. <i>Medical Physics</i> , 2019, 46, 2497-2511.	1.6	38
25	Circulating microRNAs as biomarkers of radiation-induced cardiac toxicity in non-small-cell lung cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 1635-1643.	1.2	24
26	Greater reduction in mid-treatment FDG-PET volume may be associated with worse survival in non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2019, 132, 241-249.	0.3	20
27	Artificial Neural Network With Composite Architectures for Prediction of Local Control in Radiotherapy. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 242-249.	2.7	15
28	Development of a Fully Cross-Validated Bayesian Network Approach for Local Control Prediction in Lung Cancer. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 232-241.	2.7	42
29	Prediction of Radiation Esophagitis in Non-Small Cell Lung Cancer Using Clinical Factors, Dosimetric Parameters, and Pretreatment Cytokine Levels. <i>Translational Oncology</i> , 2018, 11, 102-108.	1.7	10
30	Modeling of Normal Tissue Complications Using Imaging and Biomarkers After Radiation Therapy for Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 335-343.	0.4	43
31	A model combining age, equivalent uniform dose and IL-8 may predict radiation esophagitis in patients with non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2018, 126, 506-510.	0.3	10
32	Serum MicroRNA Signature Predicts Response to High-Dose Radiation Therapy in Locally Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 107-114.	0.4	28
33	Using Indocyanine Green Extraction to Predict Liver Function After Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 131-137.	0.4	18
34	Individualized Adaptive Stereotactic Body Radiotherapy for Liver Tumors in Patients at High Risk for Liver Damage. <i>JAMA Oncology</i> , 2018, 4, 40.	3.4	140
35	Prospects and Challenges for Clinical Decision Support in the Era of Big Data. <i>JCO Clinical Cancer Informatics</i> , 2018, 2, 1-12.	1.0	23
36	Radiation Therapy Outcomes Models in the Era of Radiomics and Radiogenomics: Uncertainties and Validation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1070-1073.	0.4	31

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37	Early Changes in Serial CBCT-Measured Parotid Gland Biomarkers Predict Chronic Xerostomia After Head and Neck Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1319-1329.	0.4	43
38	Machine learning and modeling: Data, validation, communication challenges. <i>Medical Physics</i> , 2018, 45, e834-e840.	1.6	67
39	Modeling Patient-Specific Dose-Function Response for Enhanced Characterization of Personalized Functional Damage. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1265-1275.	0.4	5
40	The Role of Machine Learning in Knowledge-Based Response-Adapted Radiotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 266.	1.3	30
41	Can radiomics personalise immunotherapy?. <i>Lancet Oncology</i> , The, 2018, 19, 1138-1139.	5.1	25
42	A multiobjective Bayesian networks approach for joint prediction of tumor local control and radiation pneumonitis in nonsmallâ€cell lung cancer (<scp>NSCLC</scp>) for responseâ€adapted radiotherapy. <i>Medical Physics</i> , 2018, 45, 3980-3995.	1.6	43
43	An analysis of knowledge-based planning for stereotactic body radiation therapy of the spine. <i>Practical Radiation Oncology</i> , 2017, 7, e355-e360.	1.1	38
44	Unraveling biophysical interactions of radiation pneumonitis in non-small-cell lung cancer via Bayesian network analysis. <i>Radiotherapy and Oncology</i> , 2017, 123, 85-92.	0.3	50
45	Developing and Validating a Survival Prediction Model for NSCLC Patients Through Distributed Learning Across 3 Countries. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 344-352.	0.4	102
46	Effect of Midtreatment PET/CT-Adapted Radiation Therapy With Concurrent Chemotherapy in Patients With Locally Advanced Nonâ€Small-Cell Lung Cancer. <i>JAMA Oncology</i> , 2017, 3, 1358.	3.4	177
47	Lower Incidence of Esophagitis in the Elderly Undergoing Definitive Radiation Therapy for Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2017, 12, 539-546.	0.5	12
48	Plasma Levels of IL-8 and TGF-Î²1 Predict Radiation-Induced Lung Toxicity in Non-Small Cell Lung Cancer: A Validation Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 615-621.	0.4	48
49	Radiation-induced lung toxicity in non-small-cell lung cancer: Understanding the interactions of clinical factors and cytokines with the dose-toxicity relationship. <i>Radiotherapy and Oncology</i> , 2017, 125, 66-72.	0.3	14
50	Deep reinforcement learning for automated radiation adaptation in lung cancer. <i>Medical Physics</i> , 2017, 44, 6690-6705.	1.6	161
51	Radiation Sensitivity of the Liver: Models and Clinical Data. , 2017, , 39-47.		2
52	Implementing Radiation Dose-Volume Liver Response in Biomechanical Deformable Image Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 1004-1012.	0.4	20
53	Radiogenomics and radiotherapy response modeling. <i>Physics in Medicine and Biology</i> , 2017, 62, R179-R206.	1.6	43
54	Big Data in Designing Clinical Trials: Opportunities and Challenges. <i>Frontiers in Oncology</i> , 2017, 7, 187.	1.3	36

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55	Cardiac Events After Radiation Therapy: Combined Analysis of Prospective Multicenter Trials for Locally Advanced Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, 1395-1402.	0.8	283
56	Incorporating big data into treatment plan evaluation: Development of statistical DVH metrics and visualization dashboards. <i>Advances in Radiation Oncology</i> , 2017, 2, 503-514.	0.6	20
57	Optimizing global liver function in radiation therapy treatment planning. <i>Physics in Medicine and Biology</i> , 2016, 61, 6465-6484.	1.6	13
58	Priority-driven plan optimization in locally advanced lung patients based on perfusion SPECT imaging. <i>Advances in Radiation Oncology</i> , 2016, 1, 281-289.	0.6	10
59	MINIO1.13: Prediction of Lung Toxicity in the Definitive Radiotherapy of Non-Small Cell Lung Cancer using Clinical, Dosimetric and Biologic Factors. <i>Journal of Thoracic Oncology</i> , 2016, 11, S264-S265.	0.5	0
60	Methods for Reducing Normal Tissue Complication Probabilities in Oropharyngeal Cancer: Dose Reduction or Planning Target Volume Elimination. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 645-652.	0.4	11
61	The big data effort in radiation oncology: Data mining or data farming?. <i>Advances in Radiation Oncology</i> , 2016, 1, 260-271.	0.6	58
62	Local and Global Function Model of the Liver. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 181-188.	0.4	26
63	Phase II study of individualized adaptive stereotactic body radiotherapy (SBRT) for patients at high risk for liver damage.. <i>Journal of Clinical Oncology</i> , 2016, 34, 424-424.	0.8	2
64	Use a survival model to correlate single-nucleotide polymorphisms of DNA repair genes with radiation dose-response in patients with non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2015, 117, 77-82.	0.3	15
65	Prognostic value of cytokine profile on survival in non-small cell lung cancer patients treated with radiotherapy.. <i>Journal of Clinical Oncology</i> , 2015, 33, 7525-7525.	0.8	1
66	MRI to delineate the gross tumor volume of nasopharyngeal cancers: which sequences and planes should be used?. <i>Radiology and Oncology</i> , 2014, 48, 323-330.	0.6	9
67	Changes in Functional Lung Regions During the Course of Radiation Therapy and Their Potential Impact on Lung Dosimetry for Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 145-151.	0.4	30
68	Arterial Perfusion Imaging-Defined Subvolume of Intrahepatic Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 167-174.	0.4	15
69	Response-driven imaging biomarkers for predicting radiation necrosis of the brain. <i>Physics in Medicine and Biology</i> , 2014, 59, 2535-2547.	1.6	11
70	Estimating functional liver reserve following hepatic irradiation: Adaptive normal tissue response models. <i>Radiotherapy and Oncology</i> , 2014, 111, 418-423.	0.3	36
71	Pulmonary Artery Invasion, High-Dose Radiation, and Overall Survival in Patients With Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 313-321.	0.4	22
72	Timing and intensity of changes in FDG uptake with symptomatic esophagitis during radiotherapy or chemo-radiotherapy. <i>Radiation Oncology</i> , 2014, 9, 37.	1.2	22

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73	Metabolic tumor volume on PET reduced more than gross tumor volume on CT during radiotherapy in patients with non-small cell lung cancer treated with 3DCRT or SBRT. <i>Journal of Radiation Oncology</i> , 2013, 2, 191-202.	0.7	30
74	Prediction of Liver Function by Using Magnetic Resonance-based Portal Venous Perfusion Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 258-263.	0.4	60
75	Utility of Normal Tissue-to-Tumor $\hat{\mu}/\hat{\sigma}^2$ Ratio When Evaluating Isodoses of Isoeffective Radiation Therapy Treatment Plans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, e81-e87.	0.4	19
76	Predictive Models for Regional Hepatic Function Based on ^{99m}Tc -IDA SPECT and Local Radiation Dose for Physiologic Adaptive Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 1000-1006.	0.4	31
77	Effect of Normal Lung Definition on Lung Dosimetry and Lung Toxicity Prediction in Radiation Therapy Treatment Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 956-963.	0.4	42
78	Poor Baseline Pulmonary Function May Not Increase the Risk of Radiation-Induced Lung Toxicity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 798-804.	0.4	50
79	FusionArc optimization: A hybrid volumetric modulated arc therapy (VMAT) and intensity modulated radiation therapy (IMRT) planning strategy. <i>Medical Physics</i> , 2013, 40, 071713.	1.6	22
80	A phase II trial of mid-treatment FDG-PET adaptive, individualized radiation therapy plus concurrent chemotherapy in patients with non-small cell lung cancer (NSCLC).. <i>Journal of Clinical Oncology</i> , 2013, 31, 7522-7522.	0.8	11
81	Concurrent Temozolomide and Dose-Escalated Intensity-Modulated Radiation Therapy in Newly Diagnosed Glioblastoma. <i>Clinical Cancer Research</i> , 2012, 18, 273-279.	3.2	115
82	Sensitivity analysis for lexicographic ordering in radiation therapy treatment planning. <i>Medical Physics</i> , 2012, 39, 3445-3455.	1.6	20
83	Changes in Global Function and Regional Ventilation and Perfusion on SPECT During the Course of Radiotherapy in Patients With Non-Small-Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, e631-e638.	0.4	46
84	Lhermitte Sign After Chemo-IMRT of Head-and-Neck Cancer: Incidence, Doses, and Potential Mechanisms. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1528-1533.	0.4	28
85	Dosimetric Analysis of Radiation-induced Gastric Bleeding. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e1-e6.	0.4	18
86	Combining Physical and Biologic Parameters to Predict Radiation-Induced Lung Toxicity in Patients With Non-Small-Cell Lung Cancer Treated With Definitive Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e217-e222.	0.4	88
87	Dosimetric implications of residual seminal vesicle motion in fiducial-guided intensity-modulated radiotherapy for prostate cancer. <i>Medical Dosimetry</i> , 2012, 37, 240-244.	0.4	8
88	Pattern of failure after high-dose thoracic radiation for non-small cell lung cancer: the University of Michigan experience. <i>Journal of Radiation Oncology</i> , 2012, 1, 267-272.	0.7	4
89	Chemo-IMRT of Oropharyngeal Cancer Aiming to Reduce Dysphagia: Swallowing Organs Late Complication Probabilities and Dosimetric Correlates. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e93-e99.	0.4	216
90	Semiquantification and Classification of Local Pulmonary Function by V/Q Single Photon Emission Computed Tomography in Patients with Non-small Cell Lung Cancer: Potential Indication for Radiotherapy Planning. <i>Journal of Thoracic Oncology</i> , 2011, 6, 71-78.	0.5	37

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91	Functional and Molecular Image Guidance in Radiotherapy Treatment Planning Optimization. <i>Seminars in Radiation Oncology</i> , 2011, 21, 111-118.	1.0	32
92	A Comparison of Dose-Response Models for the Parotid Gland in a Large Group of Head-and-Neck Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1259-1265.	0.4	77
93	Radiation-Associated Kidney Injury. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S108-S115.	0.4	245
94	Improving Normal Tissue Complication Probability Models: The Need to Adopt a "Data-Pooling" Culture. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S151-S154.	0.4	101
95	Impact of Fraction Size on Lung Radiation Toxicity: Hypofractionation may be Beneficial in Dose Escalation of Radiotherapy for Lung Cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 782-788.	0.4	39
96	Radiation Dose-Volume Effects in the Stomach and Small Bowel. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S101-S107.	0.4	457
97	Radiation-Associated Liver Injury. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S94-S100.	0.4	592
98	Parotid Gland Function After Radiotherapy: The Combined Michigan and Utrecht Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 449-453.	0.4	155
99	Use of Normal Tissue Complication Probability Models in the Clinic. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S10-S19.	0.4	1,376
100	Guest Editor's Introduction to QUANTEC: A Users Guide. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S1-S2.	0.4	166
101	Imaging for Assessment of Radiation-Induced Normal Tissue Effects. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S140-S144.	0.4	34
102	Quantitative Analyses of Normal Tissue Effects in the Clinic (QUANTEC): An Introduction to the Scientific Issues. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, S3-S9.	0.4	879
103	Evaluating the Relationships Between Rectal Normal Tissue Complication Probability and the Portion of Seminal Vesicles Included in the Clinical Target Volume in Intensity-Modulated Radiotherapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 334-340.	0.4	9
104	Association of ¹¹ C-Methionine PET Uptake With Site of Failure After Concurrent Temozolomide and Radiation for Primary Glioblastoma Multiforme. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 479-485.	0.4	135
105	Designing Targets for Elective Nodal Irradiation in Lung Cancer Radiotherapy: A Planning Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1397-1403.	0.4	6
106	Using Fluorodeoxyglucose Positron Emission Tomography to Assess Tumor Volume During Radiotherapy for Non-Small-Cell Lung Cancer and Its Potential Impact on Adaptive Dose Escalation and Normal Tissue Sparing. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1228-1234.	0.4	137
107	Liver Function After Irradiation Based on Computed Tomographic Portal Vein Perfusion Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 154-160.	0.4	47
108	A Pilot Study of [¹⁸ F]Fluorodeoxyglucose Positron Emission Tomography Scans During and After Radiation-Based Therapy in Patients With Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2007, 25, 3116-3123.	0.8	154

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109	Effect of daily localization and correction on the setup uncertainty: dependences on the measurement uncertainty, re-positioning uncertainty and action level. <i>Physics in Medicine and Biology</i> , 2007, 52, 6575-6587.	1.6	6
110	The impact of breathing motion versus heterogeneity effects in lung cancer treatment planning. <i>Medical Physics</i> , 2007, 34, 1462-1473.	1.6	12
111	Three-dimensional conformal radiation may deliver considerable dose of incidental nodal irradiation in patients with early stage node-negative non-small cell lung cancer when the tumor is large and centrally located. <i>Radiotherapy and Oncology</i> , 2007, 82, 153-159.	0.3	37
112	Potential for dose-escalation and reduction of risk in pancreatic cancer using IMRT optimization with lexicographic ordering and gEUD-based cost functions. <i>Medical Physics</i> , 2007, 34, 521-529.	1.6	46
113	The prediction of radiation-induced liver dysfunction using a local dose and regional venous perfusion model. <i>Medical Physics</i> , 2007, 34, 604-612.	1.6	34
114	The impact of dose on parotid salivary recovery in head and neck cancer patients treated with radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 660-669.	0.4	189
115	Predicting Outcome of Patients with High-grade Gliomas After Radiotherapy using Quantitative Analysis of T1-weighted Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 1476-1483.	0.4	7
116	Physical Models and Simpler Dosimetric Descriptors of Radiation Late Toxicity. <i>Seminars in Radiation Oncology</i> , 2007, 17, 108-120.	1.0	52
117	Ideal spatial radiotherapy dose distributions subject to positional uncertainties. <i>Physics in Medicine and Biology</i> , 2006, 51, 6329-6347.	1.6	14
118	Advances in Radiation Oncology. <i>Annual Review of Medicine</i> , 2006, 57, 19-31.	5.0	58
119	An application of Bayesian statistical methods to adaptive radiotherapy. <i>Physics in Medicine and Biology</i> , 2006, 51, 3603-3603.	1.6	0
120	Long-term results of high-dose conformal radiotherapy for patients with medically inoperable T1-3N0 non-small-cell lung cancer: Is low incidence of regional failure due to incidental nodal irradiation?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 120-126.	0.4	78
121	Clinical investigation survival prediction in high-grade gliomas by MRI perfusion before and during early stage of RT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 876-885.	0.4	128
122	Multiple fields may offer better esophagus sparing without increased probability of lung toxicity in optimized IMRT of lung tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 255-265.	0.4	28
123	In response to Dr. Yan et al.. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 1614-1615.	0.4	0
124	Final toxicity results of a radiation-dose escalation study in patients with non-small-cell lung cancer (NSCLC): Predictors for radiation pneumonitis and fibrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 1075-1086.	0.4	294
125	Reporting and analyzing statistical uncertainties in Monte Carlo-based treatment planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 1249-1259.	0.4	76
126	Prediction of radiation-induced liver disease by Lyman normal-tissue complication probability model in three-dimensional conformal radiation therapy for primary liver carcinoma: In regards to Xu et al. (<i>Int J Radiat Oncol Biol Phys</i> 2006;65:189-195). <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1272.	0.4	9

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127	The Clinical Application of Intensity-Modulated Radiation Therapy. <i>Seminars in Radiation Oncology</i> , 2006, 16, 224-231.	1.0	20
128	A practical approach for quantitative estimates of voxel-by-voxel liver perfusion using DCE imaging and a compartmental model. <i>Medical Physics</i> , 2006, 33, 3057-3062.	1.6	11
129	How extensive of a 4D dataset is needed to estimate cumulative dose distribution plan evaluation	1.6	64
130	Synchronized dynamic dose reconstruction. <i>Medical Physics</i> , 2006, 34, 91-102.	1.6	34
131	Body Mass Index Predicts the Incidence of Radiation Pneumonitis in Breast Cancer Patients. <i>Cancer Journal (Sudbury, Mass)</i> , 2005, 11, 390-398.	1.0	15
132	Prospective study of inner ear radiation dose and hearing loss in head-and-neck cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 1393-1402.	0.4	176
133	Evaluating changes in tumor volume using magnetic resonance imaging during the course of radiotherapy treatment of high-grade gliomas: Implications for conformal dose-escalation studies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 328-332.	0.4	36
134	Use of principal component analysis to evaluate the partial organ tolerance of normal tissues to radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 829-837.	0.4	57
135	CT-based definition of thoracic lymph node stations: An atlas from the University of Michigan. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 170-178.	0.4	134
136	Esophagus sparing with IMRT in lung tumor irradiation: An EUD-based optimization technique. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 179-187.	0.4	43
137	High-dose radiation improved local tumor control and overall survival in patients with inoperable/unresectable non-small-cell lung cancer: Long-term results of a radiation dose escalation study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 324-333.	0.4	450
138	Retrospective analysis of prostate cancer patients with implanted gold markers using off-line and adaptive therapy protocols. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 123-133.	0.4	61
139	Benefit of using biologic parameters (EUD and NTCP) in IMRT optimization for treatment of intrahepatic tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 571-578.	0.4	60
140	Evaluating the influence of setup uncertainties on treatment planning for focal liver tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 610-614.	0.4	26
141	Non-Small Cell Lung Cancer Therapy-Related Pulmonary Toxicity: An Update on Radiation Pneumonitis and Fibrosis. <i>Seminars in Oncology</i> , 2005, 32, 42-54.	0.8	158
142	Partial Volume Tolerance of the Liver to Radiation. <i>Seminars in Radiation Oncology</i> , 2005, 15, 279-283.	1.0	244
143	Monte Carlo-based lung cancer treatment planning incorporating PET-defined target volumes. <i>Journal of Applied Clinical Medical Physics</i> , 2005, 6, 65-76.	0.8	6
144	A Bayesian mixture model relating dose to critical organs and functional complication in 3D conformal radiation therapy. <i>Biostatistics</i> , 2005, 6, 615-632.	0.9	13

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145	Phase II Trial of High-Dose Conformal Radiation Therapy With Concurrent Hepatic Artery Floxuridine for Unresectable Intrahepatic Malignancies. <i>Journal of Clinical Oncology</i> , 2005, 23, 8739-8747.	0.8	308
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