

Zhongxing Liao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

176
papers

5,111
citations

41
h-index

64
g-index

185
ext. papers

6,573
ext. citations

3.5
avg. IF

5.48
L-index

#	Paper	IF	Citations
176	Radiation-Induced Cardiovascular Disease: Mechanisms, Prevention, and Treatment.. <i>Current Oncology Reports</i> , 2022 , 24, 543	6.3	1
175	On the interplay between dosimetrics and genomics in radiation-induced lymphopenia of lung cancer patients.. <i>Radiotherapy and Oncology</i> , 2021 , 167, 219-225	5.3	1
174	T-Cell Receptor Profiling and Prognosis After Stereotactic Body Radiation Therapy For Stage I Non-Small-Cell Lung Cancer. <i>Frontiers in Immunology</i> , 2021 , 12, 719285	8.4	1
173	Radiotherapy clinical trial enrollment during the COVID-19 pandemic. <i>Acta Oncologica</i> , 2021 , 60, 312-315	3.2	2
172	The Reality of Randomized Controlled Trials for Assessing the Benefit of Proton Therapy: Critically Examining the Intent-to-Treat Principle in the Presence of Insurance Denial. <i>Advances in Radiation Oncology</i> , 2021 , 6, 100635	3.3	0
171	Effectively Conducting Oncology Clinical Trials During the COVID-19 Pandemic. <i>Advances in Radiation Oncology</i> , 2021 , 6, 100676	3.3	2
170	Prognosis of severe lymphopenia after postoperative radiotherapy in non-small cell lung cancer: Results of a long-term follow up study. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 28, 54-61	4.6	3
169	Geometric and dosimetric accuracy of deformable image registration between average-intensity images for 4DCT-based adaptive radiotherapy for non-small cell lung cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2021 , 22, 156-167	2.3	1
168	Radiation Pneumonitis in Thoracic Cancer Patients: Multi-Center Voxel-Based Analysis. <i>Cancers</i> , 2021 , 13,	6.6	3
167	Impact of Intra-Fractional Motion on Dose Distributions in Lung IMRT. <i>Journal of Radiotherapy in Practice</i> , 2021 , 20, 12-16	0.4	
166	Postoperative Radiotherapy for Locally Advanced NSCLC: Implications for Shifting to Conformal, High-Risk Fields. <i>Clinical Lung Cancer</i> , 2021 , 22, 225-233.e7	4.9	2
165	Giant Circulating Cancer-Associated Macrophage-Like Cells Are Associated With Disease Recurrence and Survival in Non-Small-Cell Lung Cancer Treated With Chemoradiation and Atezolizumab. <i>Clinical Lung Cancer</i> , 2021 , 22, e451-e465	4.9	11
164	Radiation-induced lymphopenia during chemoradiation therapy for non-small cell lung cancer is linked with age, lung V5, and XRCC1 rs25487 genotypes in lymphocytes. <i>Radiotherapy and Oncology</i> , 2021 , 154, 187-193	5.3	10
163	Toxicity and Survival After Intensity-Modulated Proton Therapy Versus Passive Scattering Proton Therapy for NSCLC. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 269-277	8.9	3
162	New Data-Driven Gated PET/CT Free of Misregistration Artifacts. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 109, 1638-1646	4	5
161	Whole-brain radiotherapy with and without concurrent erlotinib in NSCLC with brain metastases: a multicenter, open-label, randomized, controlled phase III trial. <i>Neuro-Oncology</i> , 2021 , 23, 967-978	1	8
160	Probing thoracic dose patterns associated to pericardial effusion and mortality in patients treated with photons and protons for locally advanced non-small-cell lung cancer. <i>Radiotherapy and Oncology</i> , 2021 , 160, 148-158	5.3	5

159	Single Institution Experience of Proton and Photon-based Postoperative Radiation Therapy for Non-small-cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2021 , 22, e745-e755	4.9	4
158	Stereotactic ablative radiotherapy for operable stage I non-small-cell lung cancer (revised STARS): long-term results of a single-arm, prospective trial with prespecified comparison to surgery. <i>Lancet Oncology</i> , 2021 , 22, 1448-1457	21.7	26
157	A Multi-Institutional Analysis of Radiation Dosimetric Predictors of Toxicity After Trimodality Therapy for Esophageal Cancer. <i>Practical Radiation Oncology</i> , 2021 , 11, e415-e425	2.8	1
156	Cancer associated macrophage-like cells and prognosis of esophageal cancer after chemoradiation therapy. <i>Journal of Translational Medicine</i> , 2020 , 18, 413	8.5	8
155	Mitigating the impact of COVID-19 on oncology: Clinical and operational lessons from a prospective radiation oncology cohort tested for COVID-19. <i>Radiotherapy and Oncology</i> , 2020 , 148, 252-257	5.3	14
154	Optimizing lung cancer radiation treatment worldwide in COVID-19 outbreak. <i>Lung Cancer</i> , 2020 , 146, 230-235	5.9	11
153	Randomized Phase IIB Trial of Proton Beam Therapy Versus Intensity-Modulated Radiation Therapy for Locally Advanced Esophageal Cancer. <i>Journal of Clinical Oncology</i> , 2020 , 38, 1569-1579	2.2	70
152	Anatomic change over the course of treatment for non-small cell lung cancer patients and its impact on intensity-modulated radiation therapy and passive-scattering proton therapy deliveries. <i>Radiation Oncology</i> , 2020 , 15, 55	4.2	4
151	Extracellular vesicle tetraspanin-8 level predicts distant metastasis in non-small cell lung cancer after concurrent chemoradiation. <i>Science Advances</i> , 2020 , 6, eaaz6162	14.3	22
150	Outcomes and toxicities following stereotactic ablative radiotherapy for pulmonary metastases in patients with primary head and neck cancer. <i>Head and Neck</i> , 2020 , 42, 1939-1953	4.2	16
149	Incidence and Onset of Severe Cardiac Events After Radiotherapy for Esophageal Cancer. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 1682-1690	8.9	17
148	A Mindfulness-Based Intervention as a Supportive Care Strategy for Patients with Metastatic Non-Small Cell Lung Cancer and Their Spouses: Results of a Three-Arm Pilot Randomized Controlled Trial. <i>Oncologist</i> , 2020 , 25, e1794-e1802	5.7	14
147	Thoracic Radiation Oncology Clinical Trial Accrual and Reasons for Nonenrollment: Results of a Large, Prospective, Multiyear Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 107, 897-908	4	2
146	Stereotactic ablative radiation therapy for pulmonary metastases: Improving overall survival and identifying subgroups at high risk of local failure. <i>Radiotherapy and Oncology</i> , 2020 , 145, 178-185	5.3	10
145	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	15.4	71
144	Locoregional Control, Overall Survival, and Disease-Free Survival in Stage IIIA (N2) Non-Small-Cell Lung Cancer: Analysis of Resected and Unresected Patients. <i>Clinical Lung Cancer</i> , 2020 , 21, e294-e301	4.9	4
143	Association of Medicaid Insurance With Survival Among Patients With Small Cell Lung Cancer. <i>JAMA Network Open</i> , 2020 , 3, e203277	10.4	8
142	Lyman-Kutcher-Burman normal tissue complication probability modeling for radiation-induced esophagitis in non-small cell lung cancer patients receiving proton radiotherapy. <i>Radiotherapy and Oncology</i> , 2020 , 146, 200-204	5.3	5

141	Immune and Circulating Tumor DNA Profiling After Radiation Treatment for Oligometastatic Non-Small Cell Lung Cancer: Translational Correlatives from a Mature Randomized Phase II Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 349-357	4	15
140	Biologically Effective Dose in Stereotactic Body Radiotherapy and Survival for Patients With Early-Stage NSCLC. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 101-109	8.9	14
139	Minocycline Reduces Chemoradiation-Related Symptom Burden in Patients with Non-Small Cell Lung Cancer: A Phase 2 Randomized Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 100-107	4	7
138	Multifactorial Deep Learning Reveals Pan-Cancer Genomic Tumor Clusters with Distinct Immunogenomic Landscape and Response to Immunotherapy. <i>Clinical Cancer Research</i> , 2020 , 26, 2908-2920	12.9	12
137	Phase II Trial of Concurrent Atezolizumab With Chemoradiation for Unresectable NSCLC. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 248-257	8.9	40
136	Modern Radiotherapy and Risk of Cardiotoxicity. <i>Chemotherapy</i> , 2020 , 65, 65-76	3.2	5
135	Development and application of an elastic net logistic regression model to investigate the impact of cardiac substructure dose on radiation-induced pericardial effusion in patients with NSCLC. <i>Acta Oncologica</i> , 2020 , 59, 1193-1200	3.2	1
134	Multi-institutional Evaluation of Curative Intent Chemoradiotherapy for Patients With Clinical T1N0 Esophageal Adenocarcinoma. <i>Advances in Radiation Oncology</i> , 2020 , 5, 951-958	3.3	
133	Radiation Oncology Strategies to Flatten the Curve During the Coronavirus Disease 2019 (COVID-19) Pandemic: Experience From a Large Tertiary Cancer Center. <i>Advances in Radiation Oncology</i> , 2020 , 5, 567-572	3.3	8
132	Assessing tumor heterogeneity using ctDNA to predict and monitor therapeutic response in metastatic breast cancer. <i>International Journal of Cancer</i> , 2020 , 146, 1359-1368	7.5	30
131	Proton therapy for locally advanced non-small cell lung cancer. <i>British Journal of Radiology</i> , 2020 , 93, 20190378	3.4	8
130	NTCP Models for Severe Radiation Induced Dermatitis After IMRT or Proton Therapy for Thoracic Cancer Patients. <i>Frontiers in Oncology</i> , 2020 , 10, 344	5.3	8
129	Enhancing clinical trial enrollment at MD Anderson Cancer Center satellite community campuses. <i>Acta Oncologica</i> , 2019 , 58, 1135-1137	3.2	2
128	The relationship of lymphocyte recovery and prognosis of esophageal cancer patients with severe radiation-induced lymphopenia after chemoradiation therapy. <i>Radiotherapy and Oncology</i> , 2019 , 133, 9-15	5.3	27
127	Heart and lung doses are independent predictors of overall survival in esophageal cancer after chemoradiotherapy. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 17, 17-23	4.6	15
126	Single-Fraction Stereotactic vs Conventional Multifraction Radiotherapy for Pain Relief in Patients With Predominantly Nonspine Bone Metastases: A Randomized Phase 2 Trial. <i>JAMA Oncology</i> , 2019 , 5, 872-878	13.4	77
125	Clinical outcomes after intensity-modulated proton therapy with concurrent chemotherapy for inoperable non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2019 , 136, 136-142	5.3	12
124	Spatial Dose Patterns Associated With Radiation Pneumonitis in a Randomized Trial Comparing Intensity-Modulated Photon Therapy With Passive Scattering Proton Therapy for Locally Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 1124-1132	4	23

123	The Insurance Approval Process for Proton Radiation Therapy: A Significant Barrier to Patient Care. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 724-733	4	28
122	Patterns of Local-Regional Failure After Intensity Modulated Radiation Therapy or Passive Scattering Proton Therapy With Concurrent Chemotherapy for Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 103, 123-131	4	12
121	Potential for Improvements in Robustness and Optimality of Intensity-Modulated Proton Therapy for Lung Cancer with 4-Dimensional Robust Optimization. <i>Cancers</i> , 2019 , 11,	6.6	16
120	Validation of Effective Dose as a Better Predictor of Radiation Pneumonitis Risk Than Mean Lung Dose: Secondary Analysis of a Randomized Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 103, 403-410	4	16
119	Automatic segmentation of cardiac substructures from noncontrast CT images: accurate enough for dosimetric analysis?. <i>Acta Oncologica</i> , 2019 , 58, 81-87	3.2	14
118	The Road Less Traveled: Should We Omit Prophylactic Cranial Irradiation for Patients With Small Cell Lung Cancer?. <i>Clinical Lung Cancer</i> , 2018 , 19, 289-293	4.9	3
117	Clinical and Dosimetric Factors Predicting Grade 2 Radiation Pneumonitis After Postoperative Radiotherapy for Patients With Non-Small Cell Lung Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 919-926	4	21
116	Out of the darkness and into the light: New strategies for improving treatments for locally advanced non-small cell lung cancer. <i>Cancer Letters</i> , 2018 , 421, 59-62	9.9	5
115	Differences in lung injury after IMRT or proton therapy assessed by FDG PET imaging. <i>Radiotherapy and Oncology</i> , 2018 , 128, 147-153	5.3	10
114	Simultaneous Integrated Boost for Radiation Dose Escalation to the Gross Tumor Volume With Intensity Modulated (Photon) Radiation Therapy or Intensity Modulated Proton Therapy and Concurrent Chemotherapy for Stage II to III Non-Small Cell Lung Cancer: A Phase 1 Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 730-737	4	17
113	Phase 2 Study of Stereotactic Body Radiation Therapy and Stereotactic Body Proton Therapy for High-Risk, Medically Inoperable, Early-Stage Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 558-563	4	34
112	Potentially Functional Variants of ATG16L2 Predict Radiation Pneumonitis and Outcomes in Patients with Non-Small Cell Lung Cancer after Definitive Radiotherapy. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 660-675	8.9	23
111	Cost Analysis of PET/CT Versus CT as Surveillance for Stage III Non-Small-Cell Lung Cancer After Definitive Radiation Therapy. <i>Clinical Lung Cancer</i> , 2018 , 19, e517-e528	4.9	3
110	Impact of Spot Size and Spacing on the Quality of Robustly Optimized Intensity Modulated Proton Therapy Plans for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 479-489	4	26
109	Patient-reported lung symptoms as an early signal of impending radiation pneumonitis in patients with non-small cell lung cancer treated with chemoradiation: an observational study. <i>Quality of Life Research</i> , 2018 , 27, 1563-1570	3.7	5
108	Recurrence Risk Stratification After Preoperative Chemoradiation of Esophageal Adenocarcinoma. <i>Annals of Surgery</i> , 2018 , 268, 289-295	7.8	18
107	Reirradiation of thoracic cancers with intensity modulated proton therapy. <i>Practical Radiation Oncology</i> , 2018 , 8, 58-65	2.8	30
106	Radiation Dose, Local Disease Progression, and Overall Survival in Patients With Inoperable Non-Small Cell Lung Cancer After Concurrent Chemoradiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 452-461	4	11

105	Circulating tumor DNA analysis depicts subclonal architecture and genomic evolution of small cell lung cancer. <i>Nature Communications</i> , 2018 , 9, 3114	17.4	73
104	A research protocol for a pilot randomized controlled trial designed to examine the feasibility of a couple-based mind-body intervention for patients with metastatic lung cancer and their partners. <i>Pilot and Feasibility Studies</i> , 2018 , 4, 37	1.9	6
103	Nomograms incorporating genetic variants in BMP/Smad4/Hamp pathway to predict disease outcomes after definitive radiotherapy for non-small cell lung cancer. <i>Cancer Medicine</i> , 2018 , 7, 2247-2255	4.8	2
102	The utility of quantitative CT radiomics features for improved prediction of radiation pneumonitis. <i>Medical Physics</i> , 2018 , 45, 5317-5324	4.4	37
101	Trends and Outcomes of Proton Radiation Therapy Use for Non-Small Cell Lung Cancer. <i>International Journal of Particle Therapy</i> , 2018 , 5, 18-27	1.5	1
100	Considerations in randomized trials to test technologies. <i>Journal of Thoracic Disease</i> , 2018 , 10, S3308	2.6	
99	Pilot Testing of a Brief Couple-Based Mind-Body Intervention for Patients With Metastatic Non-Small Cell Lung Cancer and Their Partners. <i>Journal of Pain and Symptom Management</i> , 2018 , 55, 953-961	4.8	10
98	Bayesian Adaptive Randomization Trial of Passive Scattering Proton Therapy and Intensity-Modulated Photon Radiotherapy for Locally Advanced Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2018 , 36, 1813-1822	2.2	156
97	Particle therapy in non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2018 , 7, 141-152	4.4	13
96	Survival Patterns for Patients with Resected N2 Non-Small Cell Lung Cancer and Postoperative Radiotherapy: A Prognostic Scoring Model and Heat Map Approach. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 1968-1974	8.9	16
95	Association of Long-term Outcomes and Survival With Multidisciplinary Salvage Treatment for Local and Regional Recurrence After Stereotactic Ablative Radiotherapy for Early-Stage Lung Cancer. <i>JAMA Network Open</i> , 2018 , 1, e181390	10.4	27
94	Functional promoter rs189037 variant of is associated with decrease in lung diffusing capacity after irradiation for non-small-cell lung cancer. <i>Chronic Diseases and Translational Medicine</i> , 2018 , 4, 59-66	3.9	2
93	Log odds of positive lymph nodes may predict survival benefit in patients with node-positive non-small cell lung cancer. <i>Lung Cancer</i> , 2018 , 122, 60-66	5.9	24
92	DNA repair capacity correlates with standardized uptake values from F-fluorodeoxyglucose positron emission tomography/CT in patients with advanced non-small-cell lung cancer. <i>Chronic Diseases and Translational Medicine</i> , 2018 , 4, 109-116	3.9	0
91	A Multi-institutional Analysis of Trimodality Therapy for Esophageal Cancer in Elderly Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 820-828	4	18
90	Long-Term Outcomes of Salvage Stereotactic Ablative Radiotherapy for Isolated Lung Recurrence of Non-Small Cell Lung Cancer: A Phase II Clinical Trial. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 983-992	8.9	41
89	The Pulmonary Fibrosis Associated MUC5B Promoter Polymorphism Is Prognostic of the Overall Survival in Patients with Non-Small Cell Lung Cancer (NSCLC) Receiving Definitive Radiotherapy. <i>Translational Oncology</i> , 2017 , 10, 197-202	4.9	6
88	Delta-radiomics features for the prediction of patient outcomes in non-small cell lung cancer. <i>Scientific Reports</i> , 2017 , 7, 588	4.9	172

87	Multi-institutional analysis of radiation modality use and postoperative outcomes of neoadjuvant chemoradiation for esophageal cancer. <i>Radiotherapy and Oncology</i> , 2017 , 123, 376-381	5.3	54
86	F-FDG PET Response After Induction Chemotherapy Can Predict Who Will Benefit from Subsequent Esophagectomy After Chemoradiotherapy for Esophageal Adenocarcinoma. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1756-1763	8.9	11
85	Association of lung fluorodeoxyglucose uptake with radiation pneumonitis after concurrent chemoradiation for non-small cell lung cancer. <i>Clinical and Translational Radiation Oncology</i> , 2017 , 4, 1-7	4.6	7
84	Incidence and Predictors of Pericardial Effusion After Chemoradiation Therapy for Locally Advanced Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 70-79	4	37
83	Recursive Partitioning Analysis Identifies Pretreatment Risk Groups for the Utility of Induction Chemotherapy Before Definitive Chemoradiation Therapy in Esophageal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 407-416	4	5
82	Comparison of particle beam therapy and stereotactic body radiotherapy for early stage non-small cell lung cancer: A systematic review and hypothesis-generating meta-analysis. <i>Radiotherapy and Oncology</i> , 2017 , 123, 346-354	5.3	41
81	7-year follow-up after stereotactic ablative radiotherapy for patients with stage I non-small cell lung cancer: Results of a phase 2 clinical trial. <i>Cancer</i> , 2017 , 123, 3031-3039	6.4	87
80	A Prognostic Scoring Model for the Utility of Induction Chemotherapy Prior to Neoadjuvant Chemoradiotherapy in Esophageal Cancer. <i>Journal of Thoracic Oncology</i> , 2017 , 12, 1001-1010	8.9	13
79	Outcomes and toxicity following high-dose radiation therapy in 15 fractions for non-small cell lung cancer. <i>Practical Radiation Oncology</i> , 2017 , 7, 433-441	2.8	9
78	Cardiac atlas development and validation for automatic segmentation of cardiac substructures. <i>Radiotherapy and Oncology</i> , 2017 , 122, 66-71	5.3	53
77	Patterns and correlates of treatment failure in relation to isodose distribution in non-small cell lung cancer: An analysis of 1522 patients in the modern era. <i>Radiotherapy and Oncology</i> , 2017 , 125, 325-330	5.3	
76	Blood-based biomarkers for precision medicine in lung cancer: precision radiation therapy. <i>Translational Lung Cancer Research</i> , 2017 , 6, 661-669	4.4	4
75	Pathological complete response in patients with esophageal cancer after the trimodality approach: The association with baseline variables and survival-The University of Texas MD Anderson Cancer Center experience. <i>Cancer</i> , 2017 , 123, 4106-4113	6.4	61
74	Proton Beam Radiotherapy and Concurrent Chemotherapy for Unresectable Stage III Non-Small Cell Lung Cancer: Final Results of a Phase 2 Study. <i>JAMA Oncology</i> , 2017 , 3, e172032	13.4	90
73	Long-term survival and toxicity outcomes of intensity modulated radiation therapy for the treatment of esophageal cancer: A large single-institutional cohort study. <i>Advances in Radiation Oncology</i> , 2017 , 2, 316-324	3.3	8
72	Comparative Outcomes After Definitive Chemoradiotherapy Using Proton Beam Therapy Versus Intensity Modulated Radiation Therapy for Esophageal Cancer: A Retrospective, Single-Institutional Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 667-676	4	53
71	Patterns of metastatic progression after definitive radiation therapy for early-stage and locally advanced non-small cell lung cancer. <i>Clinical and Experimental Metastasis</i> , 2017 , 34, 315-322	4.7	3
70	A Novel Methodology using CT Imaging Biomarkers to Quantify Radiation Sensitivity in the Esophagus with Application to Clinical Trials. <i>Scientific Reports</i> , 2017 , 7, 6034	4.9	10

69	Dosimetric comparison of the helical tomotherapy, volumetric-modulated arc therapy and fixed-field intensity-modulated radiotherapy for stage IIB-IIIB non-small cell lung cancer. <i>Scientific Reports</i> , 2017 , 7, 14863	4.9	10
68	Differences in Normal Tissue Response in the Esophagus Between Proton and Photon Radiation Therapy for Non-Small Cell Lung Cancer Using In Vivo Imaging Biomarkers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 1013-1020	4	3
67	The impact of histology on recurrence patterns in esophageal cancer treated with definitive chemoradiotherapy. <i>Radiotherapy and Oncology</i> , 2017 , 124, 318-324	5.3	35
66	Analysis of Factors Affecting Successful Clinical Trial Enrollment in the Context of Three Prospective, Randomized, Controlled Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 770-777	4	11
65	Influence of Surveillance PET/CT on Detection of Early Recurrence After Definitive Radiation in Stage III Non-small-cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2017 , 18, 141-148	4.9	9
64	Stereotactic ablative radiotherapy for adrenal gland metastases: Factors influencing outcomes, patterns of failure, and dosimetric thresholds for toxicity. <i>Practical Radiation Oncology</i> , 2017 , 7, e195-e203	2.8	31
63	The Potential of Heavy-Ion Therapy to Improve Outcomes for Locally Advanced Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2017 , 7, 201	5.3	3
62	Polymorphisms in BMP2/BMP4, with estimates of mean lung dose, predict radiation pneumonitis among patients receiving definitive radiotherapy for non-small cell lung cancer. <i>Oncotarget</i> , 2017 , 8, 43080-43090	3.3	7
61	Bayesian regression analyses of radiation modality effects on pericardial and pleural effusion and survival in esophageal cancer. <i>Radiotherapy and Oncology</i> , 2016 , 121, 70-74	5.3	11
60	(18)F-Fluorodeoxyglucose Positron Emission Tomography Can Quantify and Predict Esophageal Injury During Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 670-8	4	16
59	In Reply to Jin et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 481-482	4	
58	Single Nucleotide Polymorphisms in CBLB, a Regulator of T-Cell Response, Predict Radiation Pneumonitis and Outcomes After Definitive Radiotherapy for Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2016 , 17, 253-262.e5	4.9	15
57	Objectively Quantifying Radiation Esophagitis With Novel Computed Tomography-Based Metrics. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 385-93	4	14
56	Exploratory Study of 4D versus 3D Robust Optimization in Intensity Modulated Proton Therapy for Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 523-533	4	78
55	Stage III Non-Small Cell Lung Cancer: Prognostic Value of FDG PET Quantitative Imaging Features Combined with Clinical Prognostic Factors. <i>Radiology</i> , 2016 , 278, 214-22	20.5	59
54	Lung Size and the Risk of Radiation Pneumonitis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 377-84	4	22
53	Novel Hybrid Scattering- and Scanning-Beam Proton Therapy Approach. <i>International Journal of Particle Therapy</i> , 2016 , 3, 37-50	1.5	1
52	Radiation modality use and cardiopulmonary mortality risk in elderly patients with esophageal cancer. <i>Cancer</i> , 2016 , 122, 917-28	6.4	59

51	Prospective Study of Patient-Reported Symptom Burden in Patients With Non-Small-Cell Lung Cancer Undergoing Proton or Photon Chemoradiation Therapy. <i>Journal of Pain and Symptom Management</i> , 2016 , 51, 832-8	4.8	22
50	Potential Use of (18)F-fluorodeoxyglucose Positron Emission Tomography-Based Quantitative Imaging Features for Guiding Dose Escalation in Stage III Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 368-76	4	12
49	Prognosis and predictors of site of first metastasis after definitive radiation therapy for non-small cell lung cancer. <i>Acta Oncologica</i> , 2016 , 55, 1022-8	3.2	13
48	Impact of heart and lung dose on early survival in patients with non-small cell lung cancer treated with chemoradiation. <i>Radiotherapy and Oncology</i> , 2016 , 119, 495-500	5.3	62
47	Robust optimization in intensity-modulated proton therapy to account for anatomy changes in lung cancer patients. <i>Radiotherapy and Oncology</i> , 2015 , 114, 367-72	5.3	53
46	Long-term outcomes after proton therapy, with concurrent chemotherapy, for stage II-III inoperable non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2015 , 115, 367-72	5.3	64
45	Impact of respiratory motion on worst-case scenario optimized intensity modulated proton therapy for lung cancers. <i>Practical Radiation Oncology</i> , 2015 , 5, e77-86	2.8	54
44	Technical Note: A Monte Carlo study of magnetic-field-induced radiation dose effects in mice. <i>Medical Physics</i> , 2015 , 42, 5510-6	4.4	12
43	Hemithoracic intensity modulated radiation therapy after pleurectomy/decortication for malignant pleural mesothelioma: toxicity, patterns of failure, and a matched survival analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 91, 149-56	4	46
42	Use of simultaneous radiation boost achieves high control rates in patients with non-small-cell lung cancer who are not candidates for surgery or conventional chemoradiation. <i>Clinical Lung Cancer</i> , 2015 , 16, 156-63	4.9	25
41	Early experience with intensity modulated proton therapy for lung-intact mesothelioma: A case series. <i>Practical Radiation Oncology</i> , 2015 , 5, e345-53	2.8	32
40	Incidental receipt of cardiac medications and survival outcomes among patients with stage III non-small-cell lung cancer after definitive radiotherapy. <i>Clinical Lung Cancer</i> , 2015 , 16, 128-36	4.9	26
39	A nomogram that predicts pathologic complete response to neoadjuvant chemoradiation also predicts survival outcomes after definitive chemoradiation for esophageal cancer. <i>Journal of Gastrointestinal Oncology</i> , 2015 , 6, 45-52	2.8	15
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