

Zhongxing Liao

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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	Initial evaluation of treatment-related pneumonitis in advanced-stage non-small-cell lung cancer patients treated with concurrent chemotherapy and intensity-modulated radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 68, 94-102	4	226
175	Lymphopenia association with gross tumor volume and lung V5 and its effects on non-small cell lung cancer patient outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 1084-1091	4.1091	196
174	Propensity score-based comparison of long-term outcomes with 3-dimensional conformal radiotherapy vs intensity-modulated radiotherapy for esophageal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, 1078-85	4	179
173	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
172	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
171	Risk factors for pericardial effusion in inoperable esophageal cancer patients treated with definitive chemoradiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 707-14	4	142
170	Prognostic value and reproducibility of pretreatment CT texture features in stage III non-small cell lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 834-42	4	140
169	Failure patterns in patients with esophageal cancer treated with definitive chemoradiation. <i>Cancer</i> , 2012 , 118, 2632-40	6.4	134
168	Clinical implementation of intensity modulated proton therapy for thoracic malignancies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 809-18	4	98
167	Early findings on toxicity of proton beam therapy with concurrent chemotherapy for nonsmall cell lung cancer. <i>Cancer</i> , 2011 , 117, 3004-13	6.4	97
166	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
165	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
164	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
163	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
162	On the interplay effects with proton scanning beams in stage III lung cancer. <i>Medical Physics</i> , 2014 , 41, 021721	4.4	77
161	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
160	A phase I clinical trial of thoracic radiotherapy and concurrent celecoxib for patients with unfavorable performance status inoperable/unresectable non-small cell lung cancer. <i>Clinical Cancer Research</i> , 2005 , 11, 3342-8	12.9	72

159	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
158	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
157	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
156	Stereotactic ablative radiotherapy (SABR) using 70 Gy in 10 fractions for non-small cell lung cancer: exploration of clinical indications. <i>Radiotherapy and Oncology</i> , 2014 , 112, 256-61	5.3	64
155	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
154	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
153	Definitive reirradiation for locoregionally recurrent non-small cell lung cancer with proton beam therapy or intensity modulated radiation therapy: predictors of high-grade toxicity and survival outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 819-27	4	60
152	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
151	Radiation modality use and cardiopulmonary mortality risk in elderly patients with esophageal cancer. <i>Cancer</i> , 2016 , 122, 917-28	6.4	59
150	Functional polymorphisms of base excision repair genes XRCC1 and APEX1 predict risk of radiation pneumonitis in patients with non-small cell lung cancer treated with definitive radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, e67-73	4	56
149	Cyclo-oxygenase-2 and its inhibition in cancer: is there a role?. <i>Drugs</i> , 2007 , 67, 821-45	12.1	55
148	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
147	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
146	Cardiac atlas development and validation for automatic segmentation of cardiac substructures. <i>Radiotherapy and Oncology</i> , 2017 , 122, 66-71	5.3	53
145	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
144	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
143	Evaluation and mitigation of the interplay effects of intensity modulated proton therapy for lung cancer in a clinical setting. <i>Practical Radiation Oncology</i> , 2014 , 4, e259-68	2.8	50
142	Propensity score-matched analysis of comprehensive local therapy for oligometastatic non-small cell lung cancer that did not progress after front-line chemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 850-7	4	49

141	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
140	Patterns of care and locoregional treatment outcomes in older esophageal cancer patients: The SEER-Medicare Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 482-9	4	43
139	Re-evaluating the optimal radiation dose for definitive chemoradiotherapy for esophageal squamous cell carcinoma. <i>Journal of Thoracic Oncology</i> , 2014 , 9, 1398-405	8.9	42
138	Esophagectomy after concurrent chemoradiotherapy improves locoregional control in clinical stage II or III esophageal cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 60, 1484-93	4	42
137	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
136	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
135	Phase II Trial of Concurrent Atezolizumab With Chemoradiation for Unresectable NSCLC. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 248-257	8.9	40
134	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
133	The utility of quantitative CT radiomics features for improved prediction of radiation pneumonitis. <i>Medical Physics</i> , 2018 , 45, 5317-5324	4.4	37
132	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
131	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
130	Genetic variants of the LIN28B gene predict severe radiation pneumonitis in patients with non-small cell lung cancer treated with definitive radiation therapy. <i>European Journal of Cancer</i> , 2014 , 50, 1706-1716	7.5	33
129	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
128	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
127	Reirradiation of thoracic cancers with intensity modulated proton therapy. <i>Practical Radiation Oncology</i> , 2018 , 8, 58-65	2.8	30
126	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
125	COX-2 and its inhibition as a molecular target in the prevention and treatment of lung cancer. <i>Expert Review of Anticancer Therapy</i> , 2004 , 4, 543-60	3.5	28
124	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

123	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
122	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
121	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
120	Predicting pneumonitis risk: a dosimetric alternative to mean lung dose. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 522-7	4	26
119	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
118	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
117	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
116	Status of particle therapy for lung cancer. <i>Acta Oncologica</i> , 2011 , 50, 745-56	3.2	25
115	Effects of respiratory motion on passively scattered proton therapy versus intensity modulated photon therapy for stage III lung cancer: are proton plans more sensitive to breathing motion?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 87, 576-82	4	24
114	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
113	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
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	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
110	Lung Size and the Risk of Radiation Pneumonitis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 377-84	4	22
109	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
108	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
107	Serum inflammatory miRNAs predict radiation esophagitis in patients receiving definitive radiochemotherapy for non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2014 , 113, 379-84	5.3	21
106	What would be the most appropriate ratio in the setting of stereotactic body radiation therapy for early stage non-small cell lung cancer. <i>BioMed Research International</i> , 2013 , 2013, 391021	3	20

105	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
104	Recurrence Risk Stratification After Preoperative Chemoradiation of Esophageal Adenocarcinoma. <i>Annals of Surgery</i> , 2018 , 268, 289-295	7.8	18
103	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
102	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
101	Role of cyclooxygenase-2 inhibitors in combination with radiation therapy in lung cancer. <i>Clinical Lung Cancer</i> , 2003 , 4, 356-65	4.9	17
100	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
99	(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
98	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
97	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
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	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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

87	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
86	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
85	Combination of a COX-2 inhibitor with radiotherapy or radiochemotherapy in the treatment of thoracic cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2003 , 26, S85-91	2.7	13
84	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
83	Particle therapy in non-small cell lung cancer. <i>Translational Lung Cancer Research</i> , 2018 , 7, 141-152	4.4	13
82	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
81	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
80	Evaluating proton stereotactic body radiotherapy to reduce chest wall dose in the treatment of lung cancer. <i>Medical Dosimetry</i> , 2013 , 38, 442-447	1.3	12
79	Association between white blood cell count following radiation therapy with radiation pneumonitis in non-small cell lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 319-25	4	12
78	Twice daily irradiation increases locoregional control in patients with medically inoperable or surgically unresectable stage II-III non-small-cell lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 53, 558-65	4	12
77	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	12.8	12
76	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
75	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
74	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
73	Optimizing lung cancer radiation treatment worldwide in COVID-19 outbreak. <i>Lung Cancer</i> , 2020 , 146, 230-235	5.9	11
72	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
71	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
70	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

69	Polymorphism at the 3RUTR of the thymidylate synthase gene: a potential predictor for outcomes in Caucasian patients with esophageal adenocarcinoma treated with preoperative chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 64, 700-8	4	11
68	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
67	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
66	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
65	Acute phase response before treatment predicts radiation esophagitis in non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2014 , 110, 493-8	5.3	10
64	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
63	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
62	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
61	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
60	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
59	International outreach: what is the responsibility of ASTRO and the major international radiation oncology societies?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 481-4	4	9
58	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
57	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
56	Association of Medicaid Insurance With Survival Among Patients With Small Cell Lung Cancer. <i>JAMA Network Open</i> , 2020 , 3, e203277	10.4	8
55	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
54	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
53	Proton therapy for locally advanced non-small cell lung cancer. <i>British Journal of Radiology</i> , 2020 , 93, 20190378	3.4	8
52	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

51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	Modern Radiotherapy and Risk of Cardiotoxicity. <i>Chemotherapy</i> , 2020 , 65, 65-76	3.2	5
40	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
39	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
38	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
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29	Dosimetric benefits of respiratory gating: a preliminary study. <i>Journal of Applied Clinical Medical Physics</i> , 2004 , 5, 1-9	2.3	3
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4	Considerations in randomized trials to test technologies. <i>Journal of Thoracic Disease</i> , 2018 , 10, S3308	2.6	
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