# Charles B Simone

List of Publications by Year
in descending order



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|---|---|---|---|
| 399 papers | 10,949 citations | 29928 54 h-index | 57558 83 g-index |
| 430 all docs | 430 docs citations | 430 times ranked | 13670 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Multicenter Phase 1b/2a Clinical Trial of Radioprotectant BIO 300 Oral Suspension for Patients With Non-Small Cell Lung Cancer Receiving Concurrent Chemoradiotherapy. International Journal of Radiation Oncology Biology Physics, 2024, 118, 404-414. | 0.8 | 3 |
| 2 | Proton pencil beam scanning craniospinal irradiation (CSI) with a single posterior brain beam: Dosimetry and efficiency. Medical Dosimetry, 2024, 49, 25-29. | 0.8 | 0 |
| 3 | Acute hospitalizations after proton therapy versus intensityâ€modulated radiotherapy for locally advanced nonâ€“small cell lung cancer in the durvalumab era. Cancer, 2024, 130, 2031-2041. | 4.1 | 0 |
| 4 | Stereotactic Body Radiation Therapy (SBRT) Versus Transarterial Chemoembolization (TACE) for Treatment Of Hepatocellular Carcinoma: a Meta-Analysis of Propensity Matched Studies. Medical Journal of the University of Toronto, 2024, 101, . | 0.0 | 1 |
| 5 | Prognostic implications of HER2NEUâ€low in metastatic breast cancer. Cancer Medicine, 2024, 13, . | 2.9 | 0 |
| 6 | Prophylactic Radiation Therapy for High-Risk Asymptomatic Bone Metastases: A New Standard of Care or Need for More Data?. Journal of Clinical Oncology, 2024, 42, 1326-1327. | 15.4 | 0 |
| 7 | Pencil Beam Scanning Proton Bragg Peak Conformal FLASH in Prostate Cancer Stereotactic Body Radiotherapy. Cancers, 2024, 16, 798. | 3.8 | 1 |
| 8 | Lung cancer reirradiation: Exploring modifications to utilization, treatment modalities and factors associated with outcomes. Journal of Medical Imaging and Radiation Sciences, 2024, 55, 221-231. | 0.4 | 0 |
| 9 | A Prospective Study on Deep Inspiration Breath Hold Thoracic Radiation Therapy Guided by Bronchoscopically Implanted Electromagnetic Transponders. Cancers, 2024, 16, 1534. | 3.8 | 0 |
| 10 | Autonomous Tumor Signature Extraction Applied to Spatially Registered Bi-Parametric MRI to Predict Prostate Tumor Aggressiveness: A Pilot Study. Cancers, 2024, 16, 1822. | 3.8 | 0 |
| 11 | Editorial for Special Topics: Imaging-Based Diagnosis for Prostate Cancerâ€”State of the Art. Diagnostics, 2024, 14, 2016. | 2.8 | 0 |
| 12 | Enhancing Outcomes in Locally Advanced Non-Small Cell Lung Cancer Through Stereotactic Dose Escalation. International Journal of Radiation Oncology Biology Physics, 2024, 120, 695-697. | 0.8 | 0 |
| 13 | The Potential and Challenges of Proton FLASH in Head and Neck Cancer Reirradiation. Cancers, 2024, 16, 3249. | 3.8 | 0 |
| 14 | Racial inequity and other social disparities in the diagnosis and management of bladder cancer. Cancer Medicine, 2023, 12, 640-650. | 2.9 | 11 |
| 15 | A phase 2 study of thalidomide for the treatment of radiation-induced blood-brain barrier injury. Science Translational Medicine, 2023, 15, . | 13.4 | 11 |
| 16 | Significant heterogeneity of published literature comparing radiofrequency ablation versus stereotactic body radiation therapy for hepatocellular carcinoma. Future Oncology, 2023, 19, 277-278. | 2.4 | 1 |
| 17 | Radiofrequency ablation versus stereotactic body radiation therapy for hepatocellular carcinoma: a meta-regression. Future Oncology, 2023, 19, 279-287. | 2.4 | 0 |
| 18 | Application of Spectral Algorithm Applied to Spatially Registered Bi-Parametric MRI to Predict Prostate Tumor Aggressiveness: A Pilot Study. Diagnostics, 2023, 13, 2008. | 2.8 | 0 |

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|---|---|---|---|
| 19 | The radioprotectant nano-genistein enhances radiotherapy efficacy of lung tumors in mice. Translational Lung Cancer Research, 2023, 12, 999-1010. | 2.7 | 3 |
| 20 | The mechanism of secondary countercurrent leaching of uranium-containing alkali slag. Journal of Radioanalytical and Nuclear Chemistry, 2023, 332, 3827-3836. | 1.5 | 1 |
| 21 | Proton Bragg Peak FLASH Enables Organ Sparing and Ultra-High Dose-Rate Delivery: Proof of Principle in Recurrent Head and Neck Cancer. Cancers, 2023, 15, 3828. | 3.8 | 8 |
| 22 | Pencil Beam Scanning Bragg Peak FLASH Technique for Ultra-High Dose Rate Intensity-Modulated Proton Therapy in Early-Stage Breast Cancer Treatment. Cancers, 2023, 15, 4560. | 3.8 | 3 |
| 23 | Relationship between Eccentricity and Volume Determined by Spectral Algorithms Applied to Spatially Registered Bi-Parametric MRI and Prostate Tumor Aggressiveness: A Pilot Study. Diagnostics, 2023, 13, 3238. | 2.8 | 0 |
| 24 | The Applications and Pitfalls of Cone-Beam Computed Tomography-Based Synthetic Computed Tomography for Adaptive Evaluation in Pencil-Beam Scanning Proton Therapy. Cancers, 2023, 15, 5101. | 3.8 | 0 |
| 25 | Re-treatment of bone metastases for pain control: 2023 ASTRO education panel. Annals of Palliative Medicine, 2023, . | 1.2 | 0 |
| 26 | CT Radiomic Features for Predicting Resectability and TNM Staging in Thymic Epithelial Tumors. Annals of Thoracic Surgery, 2022, 113, 957-965. | 1.4 | 14 |
| 27 | Pervasive lowâ€frequency vocal modulation during territorial contests in Eurasian Scops Owls (Otus scops). Ibis, 2022, 164, 282-297. | 2.0 | 1 |
| 28 | Prostate tumor eccentricity predicts Gleason score better than prostate tumor volume. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1096-1108. | 2.1 | 7 |
| 29 | Development and testing quantitative metrics from multi-parametric magnetic resonance imaging that predict Gleason score for prostate tumors. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1859-1870. | 2.1 | 7 |
| 30 | Integration of Deep Learning Radiomics and Counts of Circulating Tumor Cells Improves Prediction of Outcomes of Early Stage NSCLC Patients Treated With Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2022, 112, 1045-1054. | 0.8 | 16 |
| 31 | Pre-treatment immune status predicts disease control in NSCLCs treated with chemoradiation and durvalumab. Radiotherapy and Oncology, 2022, 167, 158-164. | 0.6 | 11 |
| 32 | A Universal Range Shifter and Range Compensator Can Enable Proton Pencil Beam Scanning Single-Energy Bragg Peak FLASH-RT Treatment Using Current Commercially Available Proton Systems. International Journal of Radiation Oncology Biology Physics, 2022, 113, 203-213. | 0.8 | 41 |
| 33 | Phantosmia Among Pediatric, Adolescent, and Young Adult Patients Receiving Proton Beam Therapy. Advances in Radiation Oncology, 2022, 7, 100881. | 1.2 | 4 |
| 34 | The Effects of Pencil Beam Scanning Proton Beam Therapy on a HeartMate 3 Left Ventricular Assist Device. ASAIO Journal, 2022, Publish Ahead of Print, . | 1.8 | 0 |
| 35 | An International Consensus on the Design of Prospective Clinicalâ€"Translational Trials in Spatially Fractionated Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100866. | 1.2 | 10 |
| 36 | Thymic Carcinomasâ€"A Concise Multidisciplinary Update on Recent Developments From the Thymic Carcinoma Working Group of the International Thymic Malignancy Interest Group. Journal of Thoracic Oncology, 2022, 17, 637-650. | 1.2 | 25 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Chemoradiation with Hypofractionated Proton Therapy in Stage II-III Non-Small Cell Lung Cancer: A Proton Collaborative Group Phase 2 Trial. International Journal of Radiation Oncology Biology Physics, 2022, 113, 732-741. | 0.8 | 6 |
| 38 | Clinical necessity of multi-image based (4DMIB) optimization for targets affected by respiratory motion and treated with scanned particle therapy â€“ A comprehensive review. Radiotherapy and Oncology, 2022, 169, 77-85. | 0.6 | 18 |
| 39 | Efficacy and Safety of Apatinib for Radiation-induced Brain Injury Among Patients With Head and Neck Cancer: An Open-Label, Single-Arm, Phase 2 Study. International Journal of Radiation Oncology Biology Physics, 2022, 113, 796-804. | 0.8 | 6 |
| 40 | Management of Stage III Nonâ€“Small-Cell Lung Cancer: ASCO Guideline. Journal of Clinical Oncology, 2022, 40, 1356-1384. | 15.4 | 135 |
| 41 | In Regard to Damen et al.. International Journal of Radiation Oncology Biology Physics, 2022, 113, 235-236. | 0.8 | 1 |
| 42 | A 2D strip ionization chamber array with high spatiotemporal resolution for proton pencil beam scanning FLASH radiotherapy. Medical Physics, 2022, 49, 5464-5475. | 2.9 | 24 |
| 43 | Proton Therapy in the Management of Pancreatic Cancer. Cancers, 2022, 14, 2789. | 3.8 | 5 |
| 44 | Combining and analyzing novel multi-parametric magnetic resonance imaging metrics for predicting Gleason score. Quantitative Imaging in Medicine and Surgery, 2022, 12, 3844-3859. | 2.1 | 6 |
| 45 | Proton Therapy in the Management of Luminal Gastrointestinal Cancers: Esophagus, Stomach, and Anorectum. Cancers, 2022, 14, 2877. | 3.8 | 1 |
| 46 | Proton Therapy in the Management of Hepatocellular Carcinoma. Cancers, 2022, 14, 2900. | 3.8 | 4 |
| 47 | Mortality of early treatment for radiation-induced brain necrosis in head and neck cancer survivors: A multicentre, retrospective, registry-based cohort study. EClinicalMedicine, 2022, 52, 101618. | 7.2 | 7 |
| 48 | An International Consensus on the Design of Prospective Clinicalâ€“Translational Trials in Spatially Fractionated Radiation Therapy for Advanced Gynecologic Cancer. Cancers, 2022, 14, 4267. | 3.8 | 7 |
| 49 | Oligometastases: history of a hypothesis. Annals of Palliative Medicine, 2021, 10, 5923-5930. | 1.2 | 28 |
| 50 | American Radium Society Appropriate Use Criteria on Radiation Therapy for Extensive-Stage SCLC. Journal of Thoracic Oncology, 2021, 16, 54-65. | 1.2 | 13 |
| 51 | American Radium Society Appropriate Use Criteria: Radiation Therapy for Limited-Stage SCLC 2020. Journal of Thoracic Oncology, 2021, 16, 66-75. | 1.2 | 19 |
| 52 | Integration of Risk Survival Measures Estimated From Pre- and Posttreatment Computed Tomography Scans Improves Stratification of Patients With Early-Stage Non-small Cell Lung Cancer Treated With Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2021, 109, 1647-1656. | 0.8 | 10 |
| 53 | Optimal timing of radiotherapy in high risk prostate cancer: Do missed days matter?. Clinical and Translational Radiation Oncology, 2021, 26, 47-54. | 1.8 | 5 |
| 54 | Clinical and Dosimetric Predictors of Radiation Pneumonitis in Patients With Non-Small Cell Lung Cancer Undergoing Postoperative Radiation Therapy. Practical Radiation Oncology, 2021, 11, e52-e62. | 2.1 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Deferring a Change in the Standard of Care for Small Cell Lung Cancer Brain Metastases. JAMA Oncology, 2021, 7, 134. | 7.3 | 0 |
| 56 | The Evolution and Future of the American Society for Radiation Oncology (ASTRO) Clinical Practice Guidelines: A Report From the ASTRO Methodology Work Group on Behalf of the Guideline Subcommittee. Practical Radiation Oncology, 2021, 11, 30-34. | 2.1 | 1 |
| 57 | Algorithms applied to spatially registered multi-parametric MRI for prostate tumor volume measurement. Quantitative Imaging in Medicine and Surgery, 2021, 11, 119-132. | 2.1 | 10 |
| 58 | Treatment planning and outcomes effects of reducing the preferred mean esophagus dose for conventionally fractionated nonâ€small cell lung cancer radiotherapy. Journal of Applied Clinical Medical Physics, 2021, 22, 42-48. | 1.8 | 5 |
| 59 | A National Survey of Radiation Oncology Experiences Completing Tele-Consultations During the Coronavirus Disease (COVID-19) Pandemic. Advances in Radiation Oncology, 2021, 6, 100611. | 1.2 | 10 |
| 60 | Where are we with proton beam therapy for thoracic malignancies? Current status and future perspectives. Lung Cancer, 2021, 152, 157-164. | 2.0 | 9 |
| 61 | Consensus Statement on Proton Therapy in Mesothelioma. Practical Radiation Oncology, 2021, 11, 119-133. | 2.1 | 12 |
| 62 | Proton Therapy for Partial Breast Irradiation: Rationale and Considerations. Journal of Personalized Medicine, 2021, 11, 289. | 2.6 | 3 |
| 63 | Serum soluble mesothelin-related protein (SMRP) and fibulin-3 levels correlate with baseline malignant pleural mesothelioma (MPM) tumor volumes but are not useful as biomarkers of response in an immunotherapy trial. Lung Cancer, 2021, 154, 5-12. | 2.0 | 9 |
| 64 | The utilization of immunotherapy with radiation therapy in lung cancer: a narrative review. Translational Cancer Research, 2021, 10, 2596-2608. | 1.1 | 9 |
| 65 | Clinical Review of Proton Therapy in the Treatment of Unilateral Head and Neck Cancers. International Journal of Particle Therapy, 2021, 8, 248-260. | 1.9 | 6 |
| 66 | Phase II Trial of Flaxseed to Prevent Acute Complications After Chemoradiation for Lung Cancer. Journal of Alternative and Complementary Medicine, 2021, 27, 824-831. | 2.2 | 3 |
| 67 | Quantitative Assessment of 3D Dose Rate for Proton Pencil Beam Scanning FLASH Radiotherapy and Its Application for Lung Hypofractionation Treatment Planning. Cancers, 2021, 13, 3549. | 3.8 | 39 |
| 68 | Geospatial Disparities in Access to Proton Therapy in the Continental United States. Cancer Investigation, 2021, 39, 582-588. | 1.3 | 10 |
| 69 | Managing oligoprogressive malignant pleural mesothelioma with stereotactic body radiation therapy. Lung Cancer, 2021, 157, 163-164. | 2.0 | 5 |
| 70 | Proton therapy for newly diagnosed glioblastoma: more room for investigation. Neuro-Oncology, 2021, 23, 1980-1981. | 1.2 | 0 |
| 71 | In Regard to Buchsbaum et al. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1544-1545. | 0.8 | 3 |
| 72 | Insurer's Black Box: Inexplicable Barriers to Proton Therapy Access for Young Adults. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1538-1539. | 0.8 | 1 |

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|---|---|---|---|
| 73 | Applications of various range shifters for proton pencil beam scanning radiotherapy. Radiation Oncology, 2021, 16, 146. | 2.7 | 8 |
| 74 | Optimal surgical timing and radiotherapy dose for trimodality therapy in locally advanced nonâ€small cell lung cancer. Cancer Medicine, 2021, 10, 5794-5808. | 2.9 | 2 |
| 75 | Increasing Heart Dose Reduces Overall Survival in Patients Undergoing Postoperative Radiation Therapy for NSCLC. JTO Clinical and Research Reports, 2021, 2, 100209. | 1.2 | 7 |
| 76 | The Impact of Durvalumab on Local-Regional Control in Stage III NSCLCs Treated With Chemoradiation and on KEAP1-NFE2L2-Mutant Tumors. Journal of Thoracic Oncology, 2021, 16, 1392-1402. | 1.2 | 13 |
| 77 | Correlation of prostate tumor eccentricity and Gleason scoring from prostatectomy and multi-parametric-magnetic resonance imaging. Quantitative Imaging in Medicine and Surgery, 2021, 11, 4235-4244. | 2.1 | 9 |
| 78 | In Regard to Ying Li et al.. International Journal of Radiation Oncology Biology Physics, 2021, 111, 579. | 0.8 | 1 |
| 79 | Using patientâ€specific bolus for pencil beam scanning proton treatment of periorbital disease. Journal of Applied Clinical Medical Physics, 2021, 22, 203-209. | 1.8 | 8 |
| 80 | tsRNA-5001a promotes proliferation of lung adenocarcinoma cells and is associated with postoperative recurrence in lung adenocarcinoma patients. Translational Lung Cancer Research, 2021, 10, 3957-3972. | 2.7 | 31 |
| 81 | A Novel Proton Pencil Beam Scanning FLASH RT Delivery Method Enables Optimal OAR Sparing and Ultra-High Dose Rate Delivery: A Comprehensive Dosimetry Study for Lung Tumors. Cancers, 2021, 13, 5790. | 3.8 | 31 |
| 82 | FLASH Radiotherapy Using Single-Energy Proton PBS Transmission Beams for Hypofractionation Liver Cancer: Dose and Dose Rate Quantification. Frontiers in Oncology, 2021, 11, 813063. | 2.9 | 21 |
| 83 | Management of Clinically Lymph Node-Positive Malignant Pleural Mesothelioma. Seminars in Thoracic and Cardiovascular Surgery, 2020, 32, 1125-1132. | 1.6 | 4 |
| 84 | Hypofractionated vs. conventional radiation therapy for stage III non-small cell lung cancer treated without chemotherapy. Acta OncolÃ³gica, 2020, 59, 164-170. | 1.9 | 17 |
| 85 | Evaluation of Light Fluence Distribution Using an IR Navigation System for HPPHâ€mediated Pleural Photodynamic Therapy (pPDT). Photochemistry and Photobiology, 2020, 96, 310-319. | 2.6 | 16 |
| 86 | The Utility of PET/Computed Tomography for Radiation Oncology Planning, Surveillance, and Prognosis Prediction of Gastrointestinal Tumors. PET Clinics, 2020, 15, 77-87. | 3.0 | 3 |
| 87 | Posterior Intercostal Lymph Nodes Double Recurrence and Death Risk in Malignant Pleural Mesothelioma. Annals of Thoracic Surgery, 2020, 110, 241-250. | 1.4 | 5 |
| 88 | Insurance Status is an Independent Predictor of Overall Survival in Patients With Stage III Nonâ€“small-cell Lung Cancer Treated With Curative Intent. Clinical Lung Cancer, 2020, 21, e130-e141. | 2.7 | 8 |
| 89 | The Role of Positron Emission Tomography Imaging in Radiotherapy Target Delineation. PET Clinics, 2020, 15, 45-53. | 3.0 | 10 |
| 90 | Evolving Role of Novel Quantitative PET Techniques to Detect Radiation-Induced Complications. PET Clinics, 2020, 15, 89-100. | 3.0 | 2 |

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| 91 | PET Imaging for Immunotherapy and Radiation Therapy. PET Clinics, 2020, 15, xiii-xiv. | 3.0 | 0 |
| 92 | Photons or protons for reirradiation in (non-)small cell lung cancer: Results of the multicentric ROCOCO in silico study. British Journal of Radiology, 2020, 93, 20190879. | 2.3 | 13 |
| 93 | Spatially fractionated radiation therapy: History, present and the future. Clinical and Translational Radiation Oncology, 2020, 20, 30-38. | 1.8 | 82 |
| 94 | In Regard to Razavian et al. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1390-1391. | 0.8 | 2 |
| 95 | First Randomized Trial Supporting the Use of Proton Over Photon Chemoradiotherapy in Esophageal Cancer. Journal of Clinical Oncology, 2020, 38, 2952-2955. | 15.4 | 8 |
| 96 | Disease-Related Outcomes and Toxicities of Intensity Modulated Radiation Therapy After Lung-Sparing Pleurectomy for Malignant Pleural Mesothelioma: A Systematic Review. Practical Radiation Oncology, 2020, 10, 423-433. | 2.1 | 6 |
| 97 | Updating Photon-Based Normal Tissue Complication Probability Models for Pneumonitis in Patients With Lung Cancer Treated With Proton Beam Therapy. Practical Radiation Oncology, 2020, 10, e330-e338. | 2.1 | 5 |
| 98 | Assessing Expression of PD-L1 in Tumor-Associated Macrophagesâ€"Reply. JAMA Oncology, 2020, 6, 1634. | 7.3 | 1 |
| 99 | Treatment interruptions affect biochemical failure rates in prostate cancer patients treated with proton beam therapy: Report from the multi-institutional proton collaborative group registry. Clinical and Translational Radiation Oncology, 2020, 25, 94-101. | 1.8 | 3 |
| 100 | Caring for Patients With Cancer in the Face of Self-Vulnerability During the COVID-19 Pandemic. JAMA Oncology, 2020, 6, 1639. | 7.3 | 1 |
| 101 | Machine learning highlights the deficiency of conventional dosimetric constraints for prevention of high-grade radiation esophagitis in non-small cell lung cancer treated with chemoradiation. Clinical and Translational Radiation Oncology, 2020, 22, 69-75. | 1.8 | 9 |
| 102 | Challenges in Re-Irradiation in the Thorax: Managing Patients with Locally Recurrent Non-Small Cell Lung Cancer. Seminars in Radiation Oncology, 2020, 30, 223-231. | 2.3 | 9 |
| 103 | Radiation pneumonitis in lung cancer patients treated with chemoradiation plus durvalumab. Cancer Medicine, 2020, 9, 4622-4631. | 2.9 | 40 |
| 104 | Reply to Nock and Nielsen: On the work of Nock and Nielsen and its relationship to the additive tree. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8694-8695. | 7.6 | 0 |
| 105 | Gender-based Disparities in Receipt of Care and Survival in Malignant Pleural Mesothelioma. Clinical Lung Cancer, 2020, 21, e583-e591. | 2.7 | 11 |
| 106 | Proton Reirradiation: Expert Recommendations for Reducing Toxicities and Offering New Chances of Cure in Patients With Challenging Recurrence Malignancies. Seminars in Radiation Oncology, 2020, 30, 253-261. | 2.3 | 27 |
| 107 | Assessing Outcomes of Patients Treated With Re-Irradiation Utilizing Proton Pencil-Beam Scanning for Primary or Recurrent Malignancies of the Esophagus and Gastroesophageal Junction. Journal of Thoracic Oncology, 2020, 15, 1054-1064. | 1.2 | 14 |
| 108 | Preclinical Evaluation of Cetuximab and Benzoporphyrin Derivativeâ€Mediated Intraperitoneal Photodynamic Therapy in a Canine Model. Photochemistry and Photobiology, 2020, 96, 684-691. | 2.6 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Practice Recommendations for Lung Cancer Radiotherapy During the COVID-19 Pandemic: An ESTRO-ASTRO Consensus Statement. International Journal of Radiation Oncology Biology Physics, 2020, 107, 631-640. | 0.8 | 40 |
| 110 | Towards answering the optimal palliative fractionation conundrum: single- versus multi-fraction radiation therapy for spinal cord compression. Annals of Palliative Medicine, 2020, 9, 1370-1374. | 1.2 | 0 |
| 111 | Tumor volume reduction evaluated by cone beam computed tomography during stereotactic body radiotherapy for early stage non-small cell lung cancer. Journal of Thoracic Disease, 2020, 12, 2482-2488. | 1.4 | 1 |
| 112 | Multiâ€institutional analysis of stereotactic body radiotherapy for sarcoma pulmonary metastases: High rates of local control with favorable toxicity. Journal of Surgical Oncology, 2020, 122, 877-883. | 1.7 | 26 |
| 113 | Delivering safe and effective stereotactic body radiation therapy for patients with centrally located early stage non-small cell lung cancer. Chinese Clinical Oncology, 2020, 9, 39-39. | 1.3 | 5 |
| 114 | Impact of Detecting Occult Pathologic Nodal Disease During Resection for Malignant Pleural Mesothelioma. Clinical Lung Cancer, 2020, 21, e274-e285. | 2.7 | 3 |
| 115 | Expert-augmented machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4571-4577. | 7.6 | 75 |
| 116 | Phase 1 Trial of Pembrolizumab Administered Concurrently With Chemoradiotherapy for Locally Advanced Nonâ€“Small Cell Lung Cancer. JAMA Oncology, 2020, 6, 848. | 7.3 | 98 |
| 117 | Proton pencil beam scanning treatment with feedback based voluntary moderate breath hold. Medical Dosimetry, 2020, 45, e10-e15. | 0.8 | 1 |
| 118 | Light Fluence Rate and Tissue Oxygenation (S<sub>t</sub>O<sub>2</sub>) Distributions Within the Thoracic Cavity of Patients Receiving Intraoperative Photodynamic Therapy for Malignant Pleural Mesothelioma. Photochemistry and Photobiology, 2020, 96, 417-425. | 2.6 | 6 |
| 119 | Patient-reported Outcomes With Stereotactic Body Radiotherapy and Surgery for Lung Cancer. Clinical Lung Cancer, 2020, 21, e229-e230. | 2.7 | 2 |
| 120 | Clinical outcomes, localâ€“regional control and the role for metastasis-directed therapies in stage III non-small cell lung cancers treated with chemoradiation and durvalumab. Radiotherapy and Oncology, 2020, 149, 205-211. | 0.6 | 42 |
| 121 | Radiation Therapy for Small Cell Lung Cancer: An ASTRO Clinical Practice Guideline. Practical Radiation Oncology, 2020, 10, 158-173. | 2.1 | 122 |
| 122 | Practice recommendations for lung cancer radiotherapy during the COVID-19 pandemic: An ESTRO-ASTRO consensus statement. Radiotherapy and Oncology, 2020, 146, 223-229. | 0.6 | 180 |
| 123 | Hypofractionated Proton Therapy with Concurrent Chemotherapy for Locally Advanced Non-Small Cell Lung Cancer: A Phase 1 Trial from the University of Florida and Proton Collaborative Group. International Journal of Radiation Oncology Biology Physics, 2020, 107, 455-461. | 0.8 | 23 |
| 124 | Thoracic Radiation Therapy During Coronavirus Disease 2019: Provisional Guidelines from a Comprehensive Cancer Center within a Pandemic Epicenter. Advances in Radiation Oncology, 2020, 5, 603-607. | 1.2 | 14 |
| 125 | Understanding High-Dose, Ultra-High Dose Rate, and Spatially Fractionated Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2020, 107, 766-778. | 0.8 | 80 |
| 126 | Need for Caution in the Diagnosis of Radiation Pneumonitis During the COVID-19 Pandemic. Advances in Radiation Oncology, 2020, 5, 617-620. | 1.2 | 12 |

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|---|---|---|---|
| 127 | Combining Immunotherapy with Radiation Therapy in Nonâ€“Small Cell Lung Cancer. Thoracic Surgery Clinics, 2020, 30, 221-239. | 1.0 | 27 |
| 128 | Circulating Tumor Cells Are Associated with Recurrent Disease in Patients with Early-Stage Nonâ€“Small Cell Lung Cancer Treated with Stereotactic Body Radiotherapy. Clinical Cancer Research, 2020, 26, 2372-2380. | 7.2 | 42 |
| 129 | Prioritization of Proton Patients in the COVID-19 Pandemic: Recommendations from The New York Proton Center. International Journal of Particle Therapy, 2020, 6, 38-44. | 1.9 | 6 |
| 130 | Radiation Research Special Issue: New Beam Delivery Modalities are Shaping the Future of Radiotherapy. Radiation Research, 2020, 194, 567-570. | 1.5 | 9 |
| 131 | Pathologic complete response (pCR) rates and outcomes after neoadjuvant chemoradiotherapy with proton or photon radiation for adenocarcinomas of the esophagus and gastroesophageal junction. Journal of Gastrointestinal Oncology, 2020, 11, 663-673. | 1.4 | 12 |
| 132 | Longitudinal Quantitative Analysis of Radiation Oncology Staff Illness in a New York City Center during COVID-19: The Impact of New Guidelines on Operations and Employee Health. International Journal of Particle Therapy, 2020, 7, 21-27. | 1.9 | 0 |
| 133 | Optimizing adjuvant therapy in EGFR-mutated non-small cell lung cancer. Annals of Translational Medicine, 2020, 8, 1613-1613. | 1.7 | 0 |
| 134 | Quantitation and predictors of short-term mortality following extrapleural pneumonectomy, pleurectomy/decortication, and nonoperative management for malignant pleural mesothelioma. Journal of Thoracic Disease, 2020, 12, 6476-6493. | 1.4 | 0 |
| 135 | Annals of Palliative Medicine earns its first official impact factor. Annals of Palliative Medicine, 2019, 8, 352-354. | 1.2 | 0 |
| 136 | A Multi-Institutional Experience of Proton Beam Therapy for Sinonasal Tumors. Advances in Radiation Oncology, 2019, 4, 689-698. | 1.2 | 34 |
| 137 | Clinical Outcomes of the HIV Protease Inhibitor Nelfinavir With Concurrent Chemoradiotherapy for Unresectable Stage IIIA/IIIB Nonâ€“Small Cell Lung Cancer. JAMA Oncology, 2019, 5, 1464. | 7.3 | 28 |
| 138 | Charged Particle Stereotactic Body Radiation Therapy. , 2019, , 217-233. | | 0 |
| 139 | Proton Beam Therapy and Immune CheckpointÂInhibitors in Malignant Pleural Mesothelioma. Journal of Thoracic Oncology, 2019, 14, e185-e187. | 1.2 | 5 |
| 140 | Stereotactic body radiation therapy versus surgery for early stage non-small cell lung cancer: clearing a path through an evolving treatment landscape. Journal of Thoracic Disease, 2019, 11, S1360-S1365. | 1.4 | 11 |
| 141 | The Use of Radiation Therapy for the Treatment of Malignant Pleural Mesothelioma: Expert Opinion from the National Cancer Institute Thoracic Malignancy Steering Committee, International Association for the Study of Lung Cancer, and Mesothelioma Applied Research Foundation. Journal of Thoracic Oncology, 2019, 14, 1172-1183. | 1.2 | 62 |
| 142 | Radiologic Considerations and Standardization of Malignant Pleural Mesothelioma Imaging Within Clinical Trials: Consensus Statement from the NCI Thoracic Malignancy Steering Committee â€“ International Association for the Study of Lung Cancer â€“ Mesothelioma Applied Research Foundation Clinical Trials Planning Meeting. Journal of Thoracic Oncology, 2019, 14, 1718-1731. | 1.2 | 16 |
| 143 | Proton beam therapy versus stereotactic body radiotherapy for hepatocellular carcinoma: practice patterns, outcomes, and the effect of biologically effective dose escalation. Journal of Gastrointestinal Oncology, 2019, 10, 999-1009. | 1.4 | 37 |
| 144 | Early palliative care and the opioid crisis: ten pragmatic steps towards a more rational use of opioids. Annals of Palliative Medicine, 2019, 8, 490-497. | 1.2 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Stereotactic body radiation therapy versus multi-fraction radiation therapy for bone metastases. Annals of Palliative Medicine, 2019, 8, 360-363. | 1.2 | 1 |
| 146 | Prospective assessment of demographic characteristics associated with worse health related quality of life measures following definitive chemoradiation in patients with locally advanced non-small cell lung cancer. Translational Lung Cancer Research, 2019, 8, 332-339. | 2.7 | 8 |
| 147 | Predicting radiation pneumonitis in locally advanced stage IIâ€“III non-small cell lung cancer using machine learning. Radiotherapy and Oncology, 2019, 133, 106-112. | 0.6 | 71 |
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