

Ellen Yorke

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,105
citations

257357

24
h-index

243529

44
g-index

61
all docs

61
docs citations

61
times ranked

2167
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Planning Comparison of IMRT vs. Pencil Beam Scanning for Deep Inspiration Breath Hold Lung Cancers. <i>Medical Dosimetry</i> , 2022, 47, 26-31. | 0.4 | 2 |
| 2 | A uniform and versatile surfaceâ€guided radiotherapy procedure and workflow for highâ€quality breast deepâ€inspiration breathâ€hold treatment in a multiâ€center institution. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13511. | 0.8 | 13 |
| 3 | Can bronchoscopically implanted anchored electromagnetic transponders be used to monitor tumor position and lung inflation during deep inspiration breathâ€hold lung radiotherapy?. <i>Medical Physics</i> , 2022, 49, 2621-2630. | 1.6 | 3 |
| 4 | Deep learning driven predictive treatment planning for adaptive radiotherapy of lung cancer. <i>Radiotherapy and Oncology</i> , 2022, 169, 57-63. | 0.3 | 4 |
| 5 | In Reply to Tsurugai et al.. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 229. | 0.4 | 0 |
| 6 | Local Control After Stereotactic Body Radiation Therapy for Liver Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 188-195. | 0.4 | 131 |
| 7 | Single- and Multi-Fraction Stereotactic Radiosurgery Dose Tolerances of the Optic Pathways. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 87-99. | 0.4 | 86 |
| 8 | Radiation Doseâ€Volume Effects for Liver SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 196-205. | 0.4 | 67 |
| 9 | Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 160-171. | 0.4 | 32 |
| 10 | Single- and Multifraction Stereotactic Radiosurgery Dose/Volume Tolerances of the Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 68-86. | 0.4 | 164 |
| 11 | Tumor Control Probability Modeling and Systematic Review of the Literature of Stereotactic Body Radiation Therapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 227-236. | 0.4 | 23 |
| 12 | Spinal Cord Dose Tolerance to Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 124-136. | 0.4 | 105 |
| 13 | In Reply to Klement etâ€al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 250-251. | 0.4 | 0 |
| 14 | Pediatric Normal Tissue Effects in the Clinic (PENTEC): An International Collaboration to Assess Normal Tissue Radiation Dose-Volume-Response Relationships for Children With Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, , . | 0.4 | 10 |
| 15 | A Primer on Dose-Response Data Modeling in Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 11-20. | 0.4 | 17 |
| 16 | Stereotactic Radiosurgery for Vestibular Schwannomas: Tumor Control Probability Analyses and Recommended Reporting Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 100-111. | 0.4 | 12 |
| 17 | Deepâ€learningâ€based image registration and automatic segmentation of organsâ€atâ€risk in coneâ€beam CT scans from highâ€dose radiation treatment of pancreatic cancer. <i>Medical Physics</i> , 2021, 48, 3084-3095. | 1.6 | 20 |
| 18 | Stereotactic Body Radiation Therapy for Spinal Metastases: Tumor Control Probability Analyses and Recommended Reporting Standards. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 112-123. | 0.4 | 25 |

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|----|--|-----|-----------|
| 19 | Prostate Stereotactic Body Radiation Therapy: An Overview of Toxicity and Dose Response. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 237-248. | 0.4 | 40 |
| 20 | Tumor Control Probability of Radiosurgery and Fractionated Stereotactic Radiosurgery for Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 53-67. | 0.4 | 62 |
| 21 | High Dose per Fraction, Hypofractionated Treatment Effects in the Clinic (HyTEC): An Overview. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1-10. | 0.4 | 60 |
| 22 | The HyTEC Project. <i>Medical Physics</i> , 2021, 48, 2699-2700. | 1.6 | 1 |
| 23 | Increasing Heart Dose Reduces Overall Survival in Patients Undergoing Postoperative Radiation Therapy for NSCLC. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100209. | 0.6 | 7 |
| 24 | In Reply to Schultheiss. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1541-1543. | 0.4 | 0 |
| 25 | Failure mode and effect analysis for linear accelerator-based paraspinal stereotactic body radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 87-96. | 0.8 | 4 |
| 26 | Accuracy and efficiency of respiratory gating comparable to deep inspiration breath hold for pancreatic cancer treatment. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 218-225. | 0.8 | 7 |
| 27 | Technical Note: 3D localization of lung tumors on cone beam CT projections via a convolutional recurrent neural network. <i>Medical Physics</i> , 2020, 47, 1161-1166. | 1.6 | 8 |
| 28 | Quantification of accumulated dose and associated anatomical changes of esophagus using weekly Magnetic Resonance Imaging acquired during radiotherapy of locally advanced lung cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2020, 13, 36-43. | 1.2 | 18 |
| 29 | Thoracic Radiation Therapy During Coronavirus Disease 2019: Provisional Guidelines from a Comprehensive Cancer Center within a Pandemic Epicenter. <i>Advances in Radiation Oncology</i> , 2020, 5, 603-607. | 0.6 | 14 |
| 30 | Toward predicting the evolution of lung tumors during radiotherapy observed on a longitudinal MR imaging study via a deep learning algorithm. <i>Medical Physics</i> , 2019, 46, 4699-4707. | 1.6 | 34 |
| 31 | 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. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1172-1183. | 0.5 | 60 |
| 32 | Radiologic Considerations and Standardization of Malignant Pleural Mesothelioma Imaging Within Clinical Trials: Consensus Statement from the NCI Thoracic Malignancy Steering Committee and International Association for the Study of Lung Cancer Mesothelioma Applied Research Foundation Clinical Trials Planning Meeting. <i>Journal of Thoracic Oncology</i> , 2019, 14, 1718-1731. | 0.5 | 15 |
| 33 | Image-guided radiotherapy reduces the risk of under-dosing high-risk prostate cancer extra-capsular disease and improves biochemical control. <i>Radiation Oncology</i> , 2018, 13, 64. | 1.2 | 9 |
| 34 | Technical Note: Scintillation well counters and particle counting digital autoradiography devices can be used to detect activities associated with genomic profiling adequacy of biopsy specimens obtained after a low activity ^{18}F -FDG injection. <i>Medical Physics</i> , 2018, 45, 2179-2185. | 1.6 | 8 |
| 35 | Design and validation of a MV/kV imaging-based markerless tracking system for assessing real-time lung tumor motion. <i>Medical Physics</i> , 2018, 45, 5555-5563. | 1.6 | 16 |
| 36 | Validating a Predictive Atlas of Tumor Shrinkage for Adaptive Radiotherapy of Locally Advanced Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 978-986. | 0.4 | 16 |

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|----|---|-----|-----------|
| 37 | Effects of Irregular Respiratory Motion on the Positioning Accuracy of Moving Target with Free Breathing Cone-Beam Computerized Tomography. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2018, 07, 173-183. | 0.3 | 3 |
| 38 | A geometric atlas to predict lung tumor shrinkage for radiotherapy treatment planning. <i>Physics in Medicine and Biology</i> , 2017, 62, 702-714. | 1.6 | 15 |
| 39 | Evaluation of the tumor registration error in biopsy procedures performed under real-time PET/CT guidance. <i>Medical Physics</i> , 2017, 44, 5089-5095. | 1.6 | 5 |
| 40 | Histologic Subtype in Core Lung Biopsies of Early-Stage Lung Adenocarcinoma is a Prognostic Factor for Treatment Response and Failure Patterns After Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 138-145. | 0.4 | 43 |
| 41 | PIK3CA mutation is associated with increased local failure in lung stereotactic body radiation therapy (SBRT). <i>Clinical and Translational Radiation Oncology</i> , 2017, 7, 91-93. | 0.9 | 15 |
| 42 | Kilovoltage Imaging of Implanted Fiducials to Monitor Intrafraction Motion With Abdominal Compression During Stereotactic Body Radiation Therapy for Gastrointestinal Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1042-1049. | 0.4 | 13 |
| 43 | Late urinary toxicity modeling after stereotactic body radiotherapy (SBRT) in the definitive treatment of localized prostate cancer. <i>Acta Oncologica</i> , 2016, 55, 52-58. | 0.8 | 35 |
| 44 | Estimated Risk Level of Unified Stereotactic Body Radiation Therapy Dose Tolerance Limits for Spinal Cord. <i>Seminars in Radiation Oncology</i> , 2016, 26, 165-171. | 1.0 | 45 |
| 45 | Patterns of practice for safety-critical processes in radiation oncology in the United States from the AAPM safety profile assessment survey. <i>Practical Radiation Oncology</i> , 2015, 5, e423-e429. | 1.1 | 11 |
| 46 | Safety Profile Assessment: An online tool to gauge safety-critical performance in radiation oncology. <i>Practical Radiation Oncology</i> , 2015, 5, 127-134. | 1.1 | 19 |
| 47 | Feasibility of In Situ, High-Resolution Correlation of Tracer Uptake with Histopathology by Quantitative Autoradiography of Biopsy Specimens Obtained Under ¹⁸ F-FDG PET/CT Guidance. <i>Journal of Nuclear Medicine</i> , 2015, 56, 538-544. | 2.8 | 28 |
| 48 | Overview of dosimetric and biological perspectives on radiosurgery of multiple brain metastases in comparison with whole brain radiotherapy. <i>Journal of Radiosurgery and SBRT</i> , 2015, 3, 271-279. | 0.2 | 1 |
| 49 | Evaluation of tumor localization in respiration motion-corrected cone-beam CT: Prospective study in lung. <i>Medical Physics</i> , 2014, 41, 101918. | 1.6 | 12 |
| 50 | Rapid estimation of 4DCT motion-artifact severity based on 1D breathing-surrogate periodicity. <i>Medical Physics</i> , 2014, 41, 111717. | 1.6 | 18 |
| 51 | Predictive Treatment Management: Incorporating a Predictive Tumor Response Model Into Robust Prospective Treatment Planning for Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 446-452. | 0.4 | 30 |
| 52 | Dosimetric predictors of esophageal toxicity after stereotactic body radiotherapy for central lung tumors. <i>Radiotherapy and Oncology</i> , 2014, 112, 267-271. | 0.3 | 53 |
| 53 | Image guided radiation therapy for bladder cancer: Assessment of bladder motion using implanted fiducial markers. <i>Practical Radiation Oncology</i> , 2014, 4, 108-115. | 1.1 | 14 |
| 54 | Impact of Dose to the Bladder Trigone on Long-Term Urinary Function After High-Dose Intensity Modulated Radiation Therapy for Localized Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 339-344. | 0.4 | 122 |

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|----|---|-----|-----------|
| 55 | Patient Safety in External Beam Radiation Therapy. American Journal of Roentgenology, 2011, 196, 768-772. | 1.0 | 21 |
| 56 | From phase-based to displacement-based gating: a software tool to facilitate respiration-gated radiation treatment. Journal of Applied Clinical Medical Physics, 2009, 10, 132-141. | 0.8 | 20 |
| 57 | Interfractional anatomic variation in patients treated with respiration-gated radiotherapy. Journal of Applied Clinical Medical Physics, 2005, 6, 19-32. | 0.8 | 35 |
| 58 | Interfractional anatomic variation in patients treated with respiration-gated radiotherapy. Journal of Applied Clinical Medical Physics, 2005, 6, 19-32. | 0.8 | 40 |
| 59 | Delivery of intensity-modulated radiation therapy with a conventional multileaf collimator: Comparison of dynamic and segmental methods. Medical Physics, 2001, 28, 2441-2449. | 1.6 | 92 |
| 60 | Fluoroscopic evaluation of diaphragmatic motion reduction with a respiratory gated radiotherapy system. Journal of Applied Clinical Medical Physics, 2001, 2, 191-200. | 0.8 | 147 |
| 61 | Fluoroscopic evaluation of diaphragmatic motion reduction with a respiratory gated radiotherapy system. Journal of Applied Clinical Medical Physics, 2001, 2, 191. | 0.8 | 175 |