

# Jonathan J Beitler

## List of Publications by Year in descending order

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97  
papers

3,684  
citations

201674

27  
h-index

144013

57  
g-index

97  
all docs

97  
docs citations

97  
times ranked

5167  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Learning-based synthetic dual energy CT imaging from single energy CT for stopping power ratio calculation in proton radiation therapy. <i>British Journal of Radiology</i> , 2022, 95, 20210644.  | 2.2 | 9         |
| 2  | Comparison of the Seventh and Eighth Edition of American Joint Committee on Cancer (AJCC) Staging for Selected and Nonselected Oropharyngeal Squamous Cell Carcinomas. <i>Oncologist</i> , 2022, 27, 48-56.  | 3.7 | 8         |
| 3  | Onboard cone-beam CT-based replan evaluation for head and neck proton therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13550.  | 1.9 | 9         |
| 4  | Surgical Resection is Justifiable for Oral T4b Squamous Cell Cancers With Masticator Space Invasion. <i>Laryngoscope</i> , 2021, 131, E466-E472.   | 2.0 | 12        |
| 5  | Ipsilateral radiation for squamous cell carcinoma of the tonsil: American Radium Society appropriate use criteria executive summary. <i>Head and Neck</i> , 2021, 43, 392-406.   | 2.0 | 17        |
| 6  | Radiation-Induced Sarcomas of the Head and Neck: A Systematic Review. <i>Advances in Therapy</i> , 2021, 38, 90-108.   | 2.9 | 18        |
| 7  | The role of the gut microbiome in cancer-related fatigue: pilot study on epigenetic mechanisms. <i>Supportive Care in Cancer</i> , 2021, 29, 3173-3182.  | 2.2 | 26        |
| 8  | Systematic review of postoperative therapy for resected squamous cell carcinoma of the head and neck: Executive summary of the American Radium Society appropriate use criteria. <i>Head and Neck</i> , 2021, 43, 367-391.                                     | 2.0 | 9         |
| 9  | Learning-Based Stopping Power Mapping on Dual-Energy CT for Proton Radiation Therapy. <i>International Journal of Particle Therapy</i> , 2021, 7, 46-60.   | 1.8 | 5         |
| 10 | Head-and-neck organs-at-risk auto-delineation using dual pyramid networks for CBCT-guided adaptive radiotherapy. <i>Physics in Medicine and Biology</i> , 2021, 66, 045021.  | 3.0 | 29        |
| 11 | Characterizing postoperative physiologic swallow function following transoral robotic surgery for early stage tonsil, base of tongue, and unknown primary human papillomavirus-associated squamous cell carcinoma. <i>Head and Neck</i> , 2021, 43, 1629-1640. | 2.0 | 7         |
| 12 | Contemporary management of the neck in nasopharyngeal carcinoma. <i>Head and Neck</i> , 2021, 43, 1949-1963.   | 2.0 | 4         |
| 13 | Contralateral nodal spread in human papillomavirus-associated oropharyngeal cancer: Can more details help guide contralateral neck coverage?. <i>Head and Neck</i> , 2021, 43, 2253-2253.  | 2.0 | 0         |
| 14 | Epigenetic age acceleration, fatigue, and inflammation in patients undergoing radiation therapy for head and neck cancer: A longitudinal study. <i>Cancer</i> , 2021, 127, 3361-3371.  | 4.1 | 28        |
| 15 | Salvage surgery for residual or recurrent laryngeal squamous cell carcinoma after (Chemo)radiotherapy: Oncological outcomes and prognostic factors. <i>European Journal of Surgical Oncology</i> , 2021, 47, 2711-2721.  | 1.0 | 7         |
| 16 | Head and neck multi-organ segmentation on dual-energy CT using dual pyramid convolutional neural networks. <i>Physics in Medicine and Biology</i> , 2021, 66, 115008.  | 3.0 | 9         |
| 17 | TORS elective lingual tonsillectomy has less acute morbidity than therapeutic base of tongue TORS. <i>Oral Oncology</i> , 2021, 117, 105294.   | 1.5 | 3         |
| 18 | Incidence trends of squamous cell carcinoma of the head and neck (SCCHN) in the aging population—A SEER-based analysis from 2000 to 2016. <i>Cancer Medicine</i> , 2021, 10, 6070-6077.  | 2.8 | 7         |

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|----|---|-----|-----------|
| 19 | Plasma Metabolic Phenotypes of HPV-Associated versus Smoking-Associated Head and Neck Cancer and Patient Survival. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021, 30, 1858-1866.  | 2.5 | 3         |
| 20 | Automated delineation of head and neck organs at risk using synthetic MRI-aided mask scoring regional convolutional neural network. <i>Medical Physics</i> , 2021, 48, 5862-5873.   | 3.0 | 21        |
| 21 | Association of Epigenetic Age Acceleration With Risk Factors, Survival, and Quality of Life in Patients With Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 157-167.                 | 0.8 | 18        |
| 22 | The omission of intentional primary site radiation following transoral robotic surgery in 59 patients: No local-regional failures. <i>Head and Neck</i> , 2021, 44, 382.  | 2.0 | 6         |
| 23 | Survival advantage of chemoradiotherapy in anaplastic thyroid carcinoma: Propensity score matched analysis with multiple subgroups. <i>Head and Neck</i> , 2020, 42, 678-687.   | 2.0 | 8         |
| 24 | Practice recommendations for risk-adapted head and neck cancer radiotherapy during the COVID-19 pandemic: An ASTRO-ESTRO consensus statement. <i>Radiotherapy and Oncology</i> , 2020, 151, 314-321.  | 0.6 | 24        |
| 25 | Head and neck multi-organ auto-segmentation on CT images aided by synthetic MRI. <i>Medical Physics</i> , 2020, 47, 4294-4302.  | 3.0 | 31        |
| 26 | Phase Ib Study of Chemoprevention with Green Tea Polyphenon E and Erlotinib in Patients with Advanced Premalignant Lesions (APL) of the Head and Neck. <i>Clinical Cancer Research</i> , 2020, 26, 5860-5868.                               | 7.0 | 11        |
| 27 | Gut Microbiome Associated with the Psychoneurological Symptom Cluster in Patients with Head and Neck Cancers. <i>Cancers</i> , 2020, 12, 2531.  | 3.7 | 27        |
| 28 | Detection and Implications of Occult Contralateral Nodal Spread in Human Papillomavirus-Associated Base of Tongue Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 586.  | 2.2 | 0         |
| 29 | Posttreatment Imaging in Patients with Head and Neck Cancer without Clinical Evidence of Recurrence: Should Surveillance Imaging Extend Beyond 6 Months?. <i>American Journal of Neuroradiology</i> , 2020, 41, 1238-1244.                  | 2.4 | 16        |
| 30 | Narrowband Imaging for p16+ Unknown Primary Squamous Cell Carcinoma Prior to Transoral Robotic Surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 1198-1201.   | 1.9 | 5         |
| 31 | Demographic and Socioeconomic Factors Associated With Metastases at Presentation in HPV-Related Squamous Cell Carcinoma of the Head and Neck: An NCDB Analysis. <i>JCO Oncology Practice</i> , 2020, 16, e476-e487.                         | 2.9 | 7         |
| 32 | Outcomes and Predictive Value of Post-Adjuvant Therapy PET/CT for Locally Advanced Oral Squamous Cell Carcinoma. <i>Laryngoscope</i> , 2020, 130, E850-E857.  | 2.0 | 2         |
| 33 | Pilot study of combined aerobic and resistance exercise on fatigue for patients with head and neck cancer: Inflammatory and epigenetic changes. <i>Brain, Behavior, and Immunity</i> , 2020, 88, 184-192.                                   | 4.1 | 11        |
| 34 | Practice Recommendations for Risk-Adapted Head and Neck Cancer Radiation Therapy During the COVID-19 Pandemic: An ASTRO-ESTRO Consensus Statement. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 618-627. | 0.8 | 156       |
| 35 | Predictive Value of First Posttreatment Imaging Using Standardized Reporting in Head and Neck Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2019, 161, 978-985.   | 1.9 | 25        |
| 36 | Small cell and large cell neuroendocrine carcinoma of the larynx: A comparative analysis. <i>Cancer Treatment Reviews</i> , 2019, 78, 42-51.  | 7.7 | 17        |

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|----|---|------|-----------|
| 37 | Optimal virtual monoenergetic image in "TwinBeam" dual-energy CT for organs at risk delineation based on contrast-to-noise ratio in head and neck radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 121-128.   | 1.9  | 21        |
| 38 | Survival outcomes by high-risk human papillomavirus status in nonoropharyngeal head and neck squamous cell carcinomas: A propensity-scored analysis of the National Cancer Data Base. <i>Cancer</i> , 2019, 125, 2782-2793.   | 4.1  | 40        |
| 39 | Prognostic value of radiographically defined extranodal extension in human papillomavirus-associated locally advanced oropharyngeal carcinoma. <i>Head and Neck</i> , 2019, 41, 3056-3063.  | 2.0  | 14        |
| 40 | Concurrent chemoradiotherapy with weekly versus triweekly cisplatin in locally advanced squamous cell carcinoma of the head and neck: Comparative analysis. <i>Head and Neck</i> , 2019, 41, 1490-1498.   | 2.0  | 21        |
| 41 | A competing risk nomogram to predict severe late toxicity after modern re-irradiation for squamous carcinoma of the head and neck. <i>Oral Oncology</i> , 2019, 90, 80-86.  | 1.5  | 26        |
| 42 | Disparities in Postoperative Therapy for Salivary Gland Adenoid Cystic Carcinomas. <i>Laryngoscope</i> , 2019, 129, 377-386.  | 2.0  | 13        |
| 43 | Radiotherapy for parapharyngeal space tumors. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2019, 40, 289-291.   | 1.3  | 8         |
| 44 | Radiotherapy plus cetuximab or cisplatin in human papillomavirus-positive oropharyngeal cancer (NRG Tj ETQq0 0 0 rgBT / Overlock 10 T   | 13.7 | 879       |
| 45 | Smoking, age, nodal disease, T stage, p16 status, and risk of distant metastases in patients with squamous cell cancer of the oropharynx. <i>Cancer</i> , 2019, 125, 704-711.   | 4.1  | 18        |
| 46 | Data Set for the Reporting of Nodal Excisions and Neck Dissection Specimens for Head and Neck Tumors: Explanations and Recommendations of the Guidelines From the International Collaboration on Cancer Reporting. <i>Archives of Pathology and Laboratory Medicine</i> , 2019, 143, 452-462. | 2.5  | 39        |
| 47 | Radiation-induced carotid artery lesions. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 699-710.   | 2.0  | 46        |
| 48 | Volume, Dose, and Fractionation Considerations for IMRT-based Reirradiation in Head and Neck Cancer: A Multi-institution Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 606-617.   | 0.8  | 68        |
| 49 | A Multi-institutional Comparison of SBRT and IMRT for Definitive Reirradiation of Recurrent or Second Primary Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 595-605.  | 0.8  | 101       |
| 50 | Refining Patient Selection for Reirradiation of Head and Neck Squamous Carcinoma in the IMRT Era: A Multi-institution Cohort Study by the MIRI Collaborative. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 586-594.  | 0.8  | 105       |
| 51 | Brainstem dose is associated with patient-reported acute fatigue in head and neck cancer radiation therapy. <i>Radiotherapy and Oncology</i> , 2018, 126, 100-106.  | 0.6  | 21        |
| 52 | Honokiol Radiosensitizes Squamous Cell Carcinoma of the Head and Neck by Downregulation of Survivin. <i>Clinical Cancer Research</i> , 2018, 24, 858-869.   | 7.0  | 19        |
| 53 | T4 Laryngeal Cancer With Good Function: Should We Be Reluctant to Treat Without Surgery?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1400-1403.  | 0.8  | 5         |
| 54 | Differential regulation of NF- $\kappa$ B and IRF target genes as they relate to fatigue in patients with head and neck cancer. <i>Brain, Behavior, and Immunity</i> , 2018, 74, 291-295.   | 4.1  | 18        |

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|----|---|-----|-----------|
| 55 | Radiographic Imaging Does Not Reliably Predict Macroscopic Extranodal Extension in Human Papilloma Virus-Associated Oropharyngeal Cancer. <i>Orl</i> , 2018, 80, 85-95.   | 1.1 | 30        |
| 56 | Associations among human papillomavirus, inflammation, and fatigue in patients with head and neck cancer. <i>Cancer</i> , 2018, 124, 3163-3170.   | 4.1 | 27        |
| 57 | Organ preservation with chemoradiation in advanced laryngeal cancer: The problem of generalizing results from randomized controlled trials. <i>Auris Nasus Larynx</i> , 2017, 44, 18-25.                                  | 1.2 | 32        |
| 58 | Association of Lymphovascular Space Invasion With Locoregional Failure and Survival in Patients With Node-Negative Oral Tongue Cancers. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2017, 143, 382.              | 2.2 | 35        |
| 59 | Concurrent chemoradiotherapy with or without surgery for patients with resectable esophageal cancer: An analysis of the National Cancer Data Base. <i>Cancer</i> , 2017, 123, 3476-3485.                                  | 4.1 | 35        |
| 60 | Initial Performance of NI-RADS to Predict Residual or Recurrent Head and Neck Squamous Cell Carcinoma. <i>American Journal of Neuroradiology</i> , 2017, 38, 1193-1199.   | 2.4 | 52        |
| 61 | ACR appropriateness criteria <sup>®</sup> nasal cavity and paranasal sinus cancers. <i>Head and Neck</i> , 2017, 39, 407-418.   | 2.0 | 22        |
| 62 | Treatment of late sequelae after radiotherapy for head and neck cancer. <i>Cancer Treatment Reviews</i> , 2017, 59, 79-92.  | 7.7 | 201       |
| 63 | CT Accuracy of Extrinsic Tongue Muscle Invasion in Oral Cavity Cancer. <i>American Journal of Neuroradiology</i> , 2017, 38, 364-370.   | 2.4 | 11        |
| 64 | Impact of neck failure on survival in older patients with differentiated thyroid cancer. <i>Head and Neck</i> , 2016, 38, 919-924.  | 2.0 | 0         |
| 65 | Clinical outcomes in elderly patients with human papillomavirus <sup>+</sup> positive squamous cell carcinoma of the oropharynx treated with definitive chemoradiation therapy. <i>Head and Neck</i> , 2016, 38, 846-851. | 2.0 | 15        |
| 66 | ACR Appropriateness Criteria <sup>®</sup> Locoregional therapy for resectable oropharyngeal squamous cell carcinomas. <i>Head and Neck</i> , 2016, 38, 1299-1309.   | 2.0 | 17        |
| 67 | Protons for Oropharyngeal Cancer Have Not Yet Justified Their Promise. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1115-1116.  | 0.8 | 7         |
| 68 | Cumulative cisplatin dose in concurrent chemoradiotherapy for head and neck cancer: A systematic review. <i>Head and Neck</i> , 2016, 38, E2151-8.  | 2.0 | 146       |
| 69 | ACR Appropriateness Criteria <sup>®</sup> Aggressive Nonmelanomatous Skin Cancer of the Head and Neck. <i>Head and Neck</i> , 2016, 38, 175-182.  | 2.0 | 21        |
| 70 | ACR Appropriateness criteria <sup>®</sup> for nasopharyngeal carcinoma. <i>Head and Neck</i> , 2016, 38, 979-986.   | 2.0 | 17        |
| 71 | Is there a role for PET/CT parameters to differentiate thyroid cartilage invasion from penetration?. <i>European Journal of Radiology</i> , 2016, 85, 319-323.  | 2.6 | 4         |
| 72 | Fatigue is associated with inflammation in patients with head and neck cancer before and after intensity-modulated radiation therapy. <i>Brain, Behavior, and Immunity</i> , 2016, 52, 145-152.                           | 4.1 | 65        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Management of locally advanced HPV-related oropharyngeal squamous cell carcinoma: where are we?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 2877-2894.   | 1.6 | 22        |
| 74 | Development of Late Toxicities in Patients with Oral Tongue Cancer Treated with Surgical Resection and Adjuvant Radiation Therapy. <i>Frontiers in Oncology</i> , 2016, 6, 272.  | 2.8 | 6         |
| 75 | Racial disparities in squamous cell carcinoma of the oral tongue among women: A SEER data analysis. <i>Oral Oncology</i> , 2015, 51, 586-592.  | 1.5 | 43        |
| 76 | Outcomes and prognostic factors in modern era management of major salivary gland cancer. <i>Oral Oncology</i> , 2015, 51, 770-777.   | 1.5 | 46        |
| 77 | Quantitative Ultrasonic Nakagami Imaging of Neck Fibrosis After Head and Neck Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 407-414.   | 0.8 | 20        |
| 78 | Human Papillomavirus-Related Oropharyngeal Cancer: Agree With a New Staging System, but the Devil Is in the Details. <i>Journal of Clinical Oncology</i> , 2015, 33, 3217-3218.  | 1.6 | 1         |
| 79 | When is chemotherapy in head and neck squamous cell carcinoma not indicated?. <i>European Archives of Oto-Rhino-Laryngology</i> , 2015, 272, 781-787.  | 1.6 | 6         |
| 80 | Lymph node ratio influence on risk of head and neck cancer locoregional recurrence after initial surgical resection: Implications for adjuvant therapy. <i>Head and Neck</i> , 2015, 37, 777-782.  | 2.0 | 64        |
| 81 | Ultrasonic Nakagami parameter characterization of parotid gland injury following head and neck radiotherapy: A feasibility study of late toxicity. <i>Medical Physics</i> , 2014, 41, 022903.  | 3.0 | 19        |
| 82 | Automated Segmentation of the Parotid Gland Based on Atlas Registration and Machine Learning: A Longitudinal MRI Study in Head-and-Neck Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1225-1233.           | 0.8 | 95        |
| 83 | Accuracy of Computed Tomography for Predicting Pathologic Nodal Extracapsular Extension in Patients With Head-and-Neck Cancer Undergoing Initial Surgical Resection. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 122-129.   | 0.8 | 92        |
| 84 | Radiofrequency ablation in advanced head and neck cancer. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 207-210.  | 1.6 | 3         |
| 85 | In Regard to Chen et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 474-475.   | 0.8 | 0         |
| 86 | Diagnostic Accuracy of Ultrasonic Histogram Features to Evaluate Radiation Toxicity of the Parotid Glands. <i>Academic Radiology</i> , 2014, 21, 1304-1313.  | 2.5 | 12        |
| 87 | Concurrent therapy with taxane versus non-taxane containing regimens in locally advanced squamous cell carcinomas of the head and neck (SCCHN): A systematic review. <i>Oral Oncology</i> , 2014, 50, 888-894.   | 1.5 | 20        |
| 88 | Final Results of Local-Regional Control and Late Toxicity of RTOG 9003: A Randomized Trial of Altered Fractionation Radiation for Locally Advanced Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 13-20. | 0.8 | 198       |
| 89 | ACR Appropriateness Criteria® thyroid carcinoma. <i>Oral Oncology</i> , 2014, 50, 577-586.   | 1.5 | 11        |
| 90 | Honokiol Enhances Paclitaxel Efficacy in Multi-Drug Resistant Human Cancer Model through the Induction of Apoptosis. <i>PLoS ONE</i> , 2014, 9, e86369.  | 2.5 | 36        |

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|----|--|-----|-----------|
| 91 | Laryngeal tumor volume as a predictor for thyroid cartilage penetration. Head and Neck, 2013, 35, 426-430.   | 2.0 | 11        |
| 92 | American College of Radiology Appropriateness Criteria. Oral Oncology, 2011, 47, 553.  | 1.5 | 6         |
| 93 | Patterns of extralaryngeal spread of laryngeal cancer. Cancer, 2011, 117, 5047-5051.   | 4.1 | 28        |
| 94 | Prognostic Accuracy of Computed Tomography Findings for Patients With Laryngeal Cancer Undergoing Laryngectomy. Journal of Clinical Oncology, 2010, 28, 2318-2322.         | 1.6 | 92        |
| 95 | Health literacy and health care in an inner-city, total laryngectomy population. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2010, 31, 29-31. | 1.3 | 33        |
| 96 | Seduction by Induction?. Journal of Clinical Oncology, 2009, 27, 9-10.   | 1.6 | 26        |
| 97 | Reply to R.I. Haddad et al. Journal of Clinical Oncology, 2009, 27, e54-e54.   | 1.6 | 0         |