

C David Fuller

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4916000/c-david-fuller-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

458
papers

8,724
citations

50
h-index

74
g-index

625
ext. papers

11,320
ext. citations

3.5
avg, IF

6.32
L-index

#	Paper	IF	Citations
458	Feasibility of preoperative chemotherapy for locally advanced, operable colon cancer: the pilot phase of a randomised controlled trial. <i>Lancet Oncology, The</i> , 2012 , 13, 1152-60	21.7	270
457	Nomogram for predicting the benefit of adjuvant chemoradiotherapy for resected gallbladder cancer. <i>Journal of Clinical Oncology</i> , 2011 , 29, 4627-32	2.2	154
456	A reliable assessment of 8-oxo-2-deoxyguanosine levels in nuclear and mitochondrial DNA using the sodium iodide method to isolate DNA. <i>Nucleic Acids Research</i> , 2001 , 29, 2117-26	20.1	147
455	Beam path toxicities to non-target structures during intensity-modulated radiation therapy for head and neck cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 72, 747-55	4	143
454	Thymic carcinoma: state of the art review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 59, 654-64	4	137
453	Comparison of ultrasound and implanted seed marker prostate localization methods: Implications for image-guided radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 65, 378-87	4	132
452	Intensity-modulated proton beam therapy (IMPT) versus intensity-modulated photon therapy (IMRT) for patients with oropharynx cancer - A case matched analysis. <i>Radiotherapy and Oncology</i> , 2016 , 120, 48-55	5.3	129
451	Association of Body Composition With Survival and Locoregional Control of Radiotherapy-Treated Head and Neck Squamous Cell Carcinoma. <i>JAMA Oncology</i> , 2016 , 2, 782-9	13.4	126
450	Conditional survival in head and neck squamous cell carcinoma: results from the SEER dataset 1973-1998. <i>Cancer</i> , 2007 , 109, 1331-43	6.4	119
449	Gender differences in publication productivity, academic position, career duration, and funding among U.S. academic radiation oncology faculty. <i>Academic Medicine</i> , 2014 , 89, 767-73	3.9	118
448	Artificial intelligence in radiation oncology: A specialty-wide disruptive transformation?. <i>Radiotherapy and Oncology</i> , 2018 , 129, 421-426	5.3	114
447	Daily ultrasound-based image-guided targeting for radiotherapy of upper abdominal malignancies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 59, 1245-56	4	112
446	Prediction model for estimating the survival benefit of adjuvant radiotherapy for gallbladder cancer. <i>Journal of Clinical Oncology</i> , 2008 , 26, 2112-7	2.2	107
445	A comprehensive review of the treatment of Merkel cell carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2007 , 30, 624-36	2.7	104
444	Dynamic Imaging Grade of Swallowing Toxicity (DIGEST): Scale development and validation. <i>Cancer</i> , 2017 , 123, 62-70	6.4	94
443	Conditional survival in ovarian cancer: results from the SEER dataset 1988-2001. <i>Gynecologic Oncology</i> , 2008 , 109, 203-9	4.9	91
442	Intensity Modulated Proton Therapy Versus Intensity Modulated Photon Radiation Therapy for Oropharyngeal Cancer: First Comparative Results of Patient-Reported Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 1107-14	4	88

441	Conditional survival in gastric cancer: a SEER database analysis. <i>Gastric Cancer</i> , 2007 , 10, 153-8	7.6	88
440	Spatial Precision in Magnetic Resonance Imaging-Guided Radiation Therapy: The Role of Geometric Distortion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 1304-16	4	87
439	Complete Surgical Resection Following Neoadjuvant Dabrafenib Plus Trametinib in -Mutated Anaplastic Thyroid Carcinoma. <i>Thyroid</i> , 2019 , 29, 1036-1043	6.2	87
438	Patterns of symptom burden during radiotherapy or concurrent chemoradiotherapy for head and neck cancer: a prospective analysis using the University of Texas MD Anderson Cancer Center Symptom Inventory-Head and Neck Module. <i>Cancer</i> , 2014 , 120, 1975-84	6.4	87
437	Reirradiation of Head and Neck Cancers With Proton Therapy: Outcomes and Analyses. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 30-41	4	82
436	Vivo motion and force measurement of surgical needle intervention during prostate brachytherapy. <i>Medical Physics</i> , 2006 , 33, 2915-22	4.4	80
435	Factors Associated With Age Disparities Among Cancer Clinical Trial Participants. <i>JAMA Oncology</i> , 2019 , 5, 1769-1773	13.4	78
434	Long-term outcomes after surgical or nonsurgical initial therapy for patients with T4 squamous cell carcinoma of the larynx: A 3-decade survey. <i>Cancer</i> , 2015 , 121, 1608-19	6.4	78
433	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
432	Conditional survival and the choice of conditioning set for patients with colon cancer: an analysis of NSABP trials C-03 through C-07. <i>Journal of Clinical Oncology</i> , 2010 , 28, 2544-8	2.2	77
431	Simple carotid-sparing intensity-modulated radiotherapy technique and preliminary experience for T1-2 glottic cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 455-61	4	72
430	Deep Learning Algorithm for Auto-Delineation of High-Risk Oropharyngeal Clinical Target Volumes With Built-In Dice Similarity Coefficient Parameter Optimization Function. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 468-478	4	71
429	Radiomics in head and neck cancer: from exploration to application. <i>Translational Cancer Research</i> , 2016 , 5, 371-382	0.3	71
428	Reirradiation of Head and Neck Cancers With Intensity Modulated Radiation Therapy: Outcomes and Analyses. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 1117-31	4	70
427	Investigation of radiomic signatures for local recurrence using primary tumor texture analysis in oropharyngeal head and neck cancer patients. <i>Scientific Reports</i> , 2018 , 8, 1524	4.9	69
426	American Association of Physicists in Medicine Task Group 263: Standardizing Nomenclatures in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 1057-1066	4	68
425	Treatment of merkel cell carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2004 , 27, 510-5	2.7	68
424	The MRI-Linear Accelerator Consortium: Evidence-Based Clinical Introduction of an Innovation in Radiation Oncology Connecting Researchers, Methodology, Data Collection, Quality Assurance, and Technical Development. <i>Frontiers in Oncology</i> , 2016 , 6, 215	5.3	68

423	Prospective randomized double-blind pilot study of site-specific consensus atlas implementation for rectal cancer target volume delineation in the cooperative group setting. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 79, 481-9	4	67
422	The transformation of radiation oncology using real-time magnetic resonance guidance: A review. <i>European Journal of Cancer</i> , 2019 , 122, 42-52	7.5	66
421	Prospective randomized double-blind study of atlas-based organ-at-risk autosegmentation-assisted radiation planning in head and neck cancer. <i>Radiotherapy and Oncology</i> , 2014 , 112, 321-5	5.3	65
420	Beyond mean pharyngeal constrictor dose for beam path toxicity in non-target swallowing muscles: Dose-volume correlates of chronic radiation-associated dysphagia (RAD) after oropharyngeal intensity modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2016 , 118, 304-14	5.3	63
419	Clinical Outcomes and Patterns of Disease Recurrence After Intensity Modulated Proton Therapy for Oropharyngeal Squamous Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 360-367	4	61
418	Toward a model-based patient selection strategy for proton therapy: External validation of photon-derived normal tissue complication probability models in a head and neck proton therapy cohort. <i>Radiotherapy and Oncology</i> , 2016 , 121, 381-386	5.3	60
417	Final Report of a Prospective Randomized Trial to Evaluate the Dose-Response Relationship for Postoperative Radiation Therapy and Pathologic Risk Groups in Patients With Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 1002-1011	4	59
416	Exploring Applications of Radiomics in Magnetic Resonance Imaging of Head and Neck Cancer: A Systematic Review. <i>Frontiers in Oncology</i> , 2018 , 8, 131	5.3	55
415	Estimation of citation-based scholarly activity among radiation oncology faculty at domestic residency-training institutions: 1996-2007. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 172-8	4	54
414	Proton Therapy Reduces Treatment-Related Toxicities for Patients with Nasopharyngeal Cancer: A Case-Match Control Study of Intensity-Modulated Proton Therapy and Intensity-Modulated Photon Therapy. <i>International Journal of Particle Therapy</i> , 2015 , 2, 19-28	1.5	54
413	Intensity modulated proton therapy (IMPT) - The future of IMRT for head and neck cancer. <i>Oral Oncology</i> , 2019 , 88, 66-74	4.4	53
412	Comprehensive Investigation on Controlling for CT Imaging Variabilities in Radiomics Studies. <i>Scientific Reports</i> , 2018 , 8, 13047	4.9	53
411	Head and neck tumor segmentation in PET/CT: The HECKTOR challenge.. <i>Medical Image Analysis</i> , 2021 , 77, 102336	15.4	50
410	R-IDEAL: A Framework for Systematic Clinical Evaluation of Technical Innovations in Radiation Oncology. <i>Frontiers in Oncology</i> , 2017 , 7, 59	5.3	48
409	Relative lack of conditional survival improvement in young adults with cancer. <i>Seminars in Oncology</i> , 2009 , 36, 460-7	5.5	47
408	Machine learning and modeling: Data, validation, communication challenges. <i>Medical Physics</i> , 2018 , 45, e834-e840	4.4	46
407	Magnetic Resonance Imaging of Glucose Uptake and Metabolism in Patients with Head and Neck Cancer. <i>Scientific Reports</i> , 2016 , 6, 30618	4.9	45
406	Radiation therapy dose is associated with improved survival for unresected anaplastic thyroid carcinoma: Outcomes from the National Cancer Data Base. <i>Cancer</i> , 2017 , 123, 1653-1661	6.4	44

405	Retrospective study of the treatment of urethral cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2003 , 26, 558-62	2.7	44
404	Intensity-modulated proton therapy and osteoradionecrosis in oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2017 , 123, 401-405	5.3	43
403	Early prostate-specific antigen (PSA) kinetics following prostate carcinoma radiotherapy: prognostic value of a time-and-PSA threshold model. <i>Cancer</i> , 2004 , 101, 96-105	6.4	43
402	Quality assurance assessment of diagnostic and radiation therapy-simulation CT image registration for head and neck radiation therapy: anatomic region of interest-based comparison of rigid and deformable algorithms. <i>Radiology</i> , 2015 , 274, 752-63	20.5	42
401	Late radiation-associated dysphagia (late-RAD) with lower cranial neuropathy after oropharyngeal radiotherapy: a preliminary dosimetric comparison. <i>Oral Oncology</i> , 2014 , 50, 746-52	4.4	42
400	Treatment of recurrent Merkel cell carcinoma: an analysis of 46 cases. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2004 , 27, 576-83	2.7	42
399	Pregnancy and Parenthood in Radiation Oncology, Views and Experiences Survey (PROVES): Results of a Blinded Prospective Trainee Parenting and Career Development Assessment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 516-24	4	41
398	High symptom burden prior to radiation therapy for head and neck cancer: a patient-reported outcomes study. <i>Head and Neck</i> , 2013 , 35, 1490-8	4.2	41
397	Salvage total laryngectomy after external-beam radiotherapy: A 20-year experience. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1962-8	4.2	41
396	Standard fractionation intensity modulated radiation therapy (IMRT) of primary and recurrent glioblastoma multiforme. <i>Radiation Oncology</i> , 2007 , 2, 26	4.2	40
395	Prospective Qualitative and Quantitative Analysis of Real-Time Peer Review Quality Assurance Rounds Incorporating Direct Physical Examination for Head and Neck Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 532-540	4	39
394	Outcomes for olfactory neuroblastoma treated with induction chemotherapy. <i>Head and Neck</i> , 2017 , 39, 1671-1679	4.2	39
393	The impact of radiographic retropharyngeal adenopathy in oropharyngeal cancer. <i>Cancer</i> , 2013 , 119, 3162-9	6.4	39
392	Bibliometric analysis of radiation oncology departmental scholarly publication productivity at domestic residency training institutions. <i>Journal of the American College of Radiology</i> , 2009 , 6, 112-8	3.5	39
391	A PET Radiomics Model to Predict Refractory Mediastinal Hodgkin Lymphoma. <i>Scientific Reports</i> , 2019 , 9, 1322	4.9	38
390	Dose-volume correlates of mandibular osteoradionecrosis in Oropharynx cancer patients receiving intensity-modulated radiotherapy: Results from a case-matched comparison. <i>Radiotherapy and Oncology</i> , 2017 , 124, 232-239	5.3	38
389	Beam path toxicity in candidate organs-at-risk: assessment of radiation emetogenesis for patients receiving head and neck intensity modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2014 , 111, 281-85	5.3	38
388	Multimodality therapy for locoregional extrahepatic cholangiocarcinoma: a population-based analysis. <i>Cancer</i> , 2009 , 115, 5175-83	6.4	38

387	Diffusion-Weighted Magnetic Resonance Imaging as a Predictor of Outcome in Cervical Cancer After Chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 546-553	4	37
386	A Multidisciplinary Orbit-Sparing Treatment Approach That Includes Proton Therapy for Epithelial Tumors of the Orbit and Ocular Adnexa. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 95, 344-352	4	37
385	Distribution of the h-index in radiation oncology conforms to a variation of power law: implications for assessing academic productivity. <i>Journal of Cancer Education</i> , 2012 , 27, 463-6	1.8	36
384	Standing on the shoulders of giants: results from the Radiation Oncology Academic Development and Mentorship Assessment Project (ROADMAP). <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 18-24	4	34
383	Intravoxel incoherent motion imaging kinetics during chemoradiotherapy for human papillomavirus-associated squamous cell carcinoma of the oropharynx: preliminary results from a prospective pilot study. <i>NMR in Biomedicine</i> , 2015 , 28, 1645-54	4.4	34
382	Ethnic disparities in conditional survival of patients with non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2007 , 2, 180-90	8.9	34
381	Long-Term, Prospective Performance of the MD'Anderson Dysphagia Inventory in "Low-Intermediate Risk" Oropharyngeal Carcinoma After Intensity Modulated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 700-708	4	33
380	Radiomics features of the primary tumor fail to improve prediction of overall survival in large cohorts of CT- and PET-imaged head and neck cancer patients. <i>PLoS ONE</i> , 2019 , 14, e0222509	3.7	33
379	Merkel cell carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2013 , 36, 299-309	2.7	32
378	The MOMENTUM Study: An International Registry for the Evidence-Based Introduction of MR-Guided Adaptive Therapy. <i>Frontiers in Oncology</i> , 2020 , 10, 1328	5.3	32
377	Expiratory muscle strength training for radiation-associated aspiration after head and neck cancer: A case series. <i>Laryngoscope</i> , 2018 , 128, 1044-1051	3.6	31
376	Emerging Magnetic Resonance Imaging Technologies for Radiation Therapy Planning and Response Assessment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 1046-1056	4	30
375	Head and Neck Cancer Adaptive Radiation Therapy (ART): Conceptual Considerations for the Informed Clinician. <i>Seminars in Radiation Oncology</i> , 2019 , 29, 258-273	5.5	29
374	Symptom burden as a driver of decisional regret in long-term oropharyngeal carcinoma survivors. <i>Head and Neck</i> , 2017 , 39, 2151-2158	4.2	28
373	The role of elective nodal irradiation for esthesioneuroblastoma patients with clinically negative neck. <i>Practical Radiation Oncology</i> , 2016 , 6, 241-247	2.8	28
372	Evaluation of Adjuvant Radiation Therapy for Resected Gallbladder Carcinoma: A Multi-institutional Experience. <i>Annals of Surgical Oncology</i> , 2015 , 22 Suppl 3, S1100-6	3.1	27
371	Scholastic activity among radiation oncology residents at US academic institutions: a benchmark analysis. <i>Journal of Cancer Education</i> , 2013 , 28, 541-6	1.8	27
370	Radiotherapy for thymic neoplasms. <i>Journal of Thoracic Oncology</i> , 2010 , 5, S327-35	8.9	27

369	Method comparison of ultrasound and kilovoltage x-ray fiducial marker imaging for prostate radiotherapy targeting. <i>Physics in Medicine and Biology</i> , 2006 , 51, 4981-93	3.8	27
368	Imaging-Genomic Study of Head and Neck Squamous Cell Carcinoma: Associations Between Radiomic Phenotypes and Genomic Mechanisms via Integration of The Cancer Genome Atlas and The Cancer Imaging Archive. <i>JCO Clinical Cancer Informatics</i> , 2019 , 3, 1-9	5.2	27
367	Long-term outcomes after multidisciplinary management of T3 laryngeal squamous cell carcinomas: Improved functional outcomes and survival with modern therapeutic approaches. <i>Head and Neck</i> , 2016 , 38, 1739-1751	4.2	26
366	Predicting two-year longitudinal MD Anderson Dysphagia Inventory outcomes after intensity modulated radiotherapy for locoregionally advanced oropharyngeal carcinoma. <i>Laryngoscope</i> , 2017 , 127, 842-848	3.6	25
365	Dysphagia After Primary Transoral Robotic Surgery With Neck Dissection vs Nonsurgical Therapy in Patients With Low- to Intermediate-Risk Oropharyngeal Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2019 , 145, 1053-1063	3.9	25
364	Barriers to Combined-Modality Therapy for Limited-Stage Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2018 , 4, e174504	13.4	25
363	Can pelvic radiotherapy be omitted in select patients with rectal cancer?. <i>Seminars in Oncology</i> , 2006 , 33, S70-4	5.5	25
362	Dynamic contrast-enhanced MRI detects acute radiotherapy-induced alterations in mandibular microvasculature: prospective assessment of imaging biomarkers of normal tissue injury. <i>Scientific Reports</i> , 2016 , 6, 29864	4.9	24
361	Definitive proton radiation therapy and concurrent cisplatin for unresectable head and neck adenoid cystic carcinoma: A series of 9 cases and a critical review of the literature. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1472-80	4.2	24
360	Citation-based Estimation of Scholarly Activity Among Domestic Academic Radiation Oncologists: Five-Year Update. <i>Journal of Radiation Oncology</i> , 2014 , 3, 115-122	0.7	24
359	Auto-delineation of oropharyngeal clinical target volumes using 3D convolutional neural networks. <i>Physics in Medicine and Biology</i> , 2018 , 63, 215026	3.8	24
358	Privacy-preserving distributed learning of radiomics to predict overall survival and HPV status in head and neck cancer. <i>Scientific Reports</i> , 2020 , 10, 4542	4.9	23
357	Machine Learning Applications in Head and Neck Radiation Oncology: Lessons From Open-Source Radiomics Challenges. <i>Frontiers in Oncology</i> , 2018 , 8, 294	5.3	23
356	Management of the lymph node-positive neck in the patient with human papillomavirus-associated oropharyngeal cancer. <i>Cancer</i> , 2014 , 120, 3082-8	6.4	23
355	Matched computed tomography segmentation and demographic data for oropharyngeal cancer radiomics challenges. <i>Scientific Data</i> , 2017 , 4, 170077	8.2	23
354	Prospective observer and software-based assessment of magnetic resonance imaging quality in head and neck cancer: Should standard positioning and immobilization be required for radiation therapy applications?. <i>Practical Radiation Oncology</i> , 2015 , 5, e299-308	2.8	23
353	Conditional Survival in Rectal Cancer: A SEER Database Analysis. <i>Gastrointestinal Cancer Research: GCR</i> , 2007 , 1, 84-9		23
352	Merkel cell carcinoma of the head and neck: Favorable outcomes with radiotherapy. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E452-8	4.2	23

351	Improved setup and positioning accuracy using a three-point customized cushion/mask/bite-block immobilization system for stereotactic reirradiation of head and neck cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2016 , 17, 180-189	2.3	23
350	Imaging and clinical data archive for head and neck squamous cell carcinoma patients treated with radiotherapy. <i>Scientific Data</i> , 2018 , 5, 180173	8.2	22
349	Methodology for analysis and reporting patterns of failure in the Era of IMRT: head and neck cancer applications. <i>Radiation Oncology</i> , 2016 , 11, 95	4.2	22
348	Practical guidelines for handling head and neck computed tomography artifacts for quantitative image analysis. <i>Computerized Medical Imaging and Graphics</i> , 2018 , 69, 134-139	7.6	22
347	A Multi-Institutional Comparison of Dynamic Contrast-Enhanced Magnetic Resonance Imaging Parameter Calculations. <i>Scientific Reports</i> , 2017 , 7, 11185	4.9	21
346	Monte Carlo characterization of target doses in stereotactic body radiation therapy (SBRT). <i>Acta Oncologica</i> , 2006 , 45, 989-94	3.2	21
345	Prognostic value of p16 expression in Epstein-Barr virus-positive nasopharyngeal carcinomas. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1459-66	4.2	21
344	Delayed lower cranial neuropathy after oropharyngeal intensity-modulated radiotherapy: A cohort analysis and literature review. <i>Head and Neck</i> , 2017 , 39, 1516-1523	4.2	20
343	Comparing Intensity-Modulated Proton Therapy With Intensity-Modulated Photon Therapy for Oropharyngeal Cancer: The Journey From Clinical Trial Concept to Activation. <i>Seminars in Radiation Oncology</i> , 2018 , 28, 108-113	5.5	20
342	Image-guided intensity-modulated radiation therapy for gallbladder carcinoma. <i>Radiotherapy and Oncology</i> , 2006 , 81, 65-72	5.3	20
341	Magnetic Resonance-based Response Assessment and Dose Adaptation in Human Papilloma Virus Positive Tumors of the Oropharynx treated with Radiotherapy (MR-ADAPTOR): An R-IDEAL stage 2a-2b/Bayesian phase II trial. <i>Clinical and Translational Radiation Oncology</i> , 2018 , 13, 19-23	4.6	20
340	Symptom burden and dysphagia associated with osteoradionecrosis in long-term oropharynx cancer survivors: A cohort analysis. <i>Oral Oncology</i> , 2017 , 66, 75-80	4.4	19
339	Favorable patient reported outcomes following IMRT for early carcinomas of the tonsillar fossa: Results from a symptom assessment study. <i>Radiotherapy and Oncology</i> , 2015 , 117, 132-8	5.3	19
338	Factors associated with increased academic productivity among US academic radiation oncology faculty. <i>Practical Radiation Oncology</i> , 2017 , 7, e59-e64	2.8	19
337	Human-computer interaction in radiotherapy target volume delineation: a prospective, multi-institutional comparison of user input devices. <i>Journal of Digital Imaging</i> , 2011 , 24, 794-803	5.3	19
336	Effect of brain stem and dorsal vagus complex dosimetry on nausea and vomiting in head and neck intensity-modulated radiation therapy. <i>Medical Dosimetry</i> , 2011 , 36, 41-5	1.3	19
335	Significant rectal and bladder dose reduction via utilization of Foley balloon catheters in high-dose-rate tandem and ovoid intracavitary brachytherapy of the uterine cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 59, 174-8	4	19
334	Disease control and toxicity outcomes for T4 carcinoma of the nasopharynx treated with intensity-modulated radiotherapy. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E925-33	4.2	19

333	Radiotherapy dose-volume parameters predict videofluoroscopy-detected dysphagia per DIGEST after IMRT for oropharyngeal cancer: Results of a prospective registry. <i>Radiotherapy and Oncology</i> , 2018 , 128, 442-451	5.3	19
332	Long-term patient reported outcomes following radiation therapy for oropharyngeal cancer: cross-sectional assessment of a prospective symptom survey in patients ≥ 5 years old. <i>Radiation Oncology</i> , 2017 , 12, 150	4.2	18
331	Effect of body mass index on shifts in ultrasound-based image-guided intensity-modulated radiation therapy for abdominal malignancies. <i>Radiotherapy and Oncology</i> , 2009 , 91, 114-9	5.3	18
330	Outcomes of oral cavity cancer patients treated with surgery followed by postoperative intensity modulated radiation therapy. <i>Oral Oncology</i> , 2017 , 72, 90-97	4.4	18
329	Developing and characterizing MR/CT-visible materials used in QA phantoms for MRgRT systems. <i>Medical Physics</i> , 2018 , 45, 773-782	4.4	18
328	Conditional Survival Analysis of Patients With Locally Advanced Laryngeal Cancer: Construction of a Dynamic Risk Model and Clinical Nomogram. <i>Scientific Reports</i> , 2017 , 7, 43928	4.9	17
327	Design and fabrication of a 3D-printed oral stent for head and neck radiotherapy from routine diagnostic imaging. <i>3D Printing in Medicine</i> , 2017 , 3, 12	5	17
326	Chronic radiation-associated dysphagia in oropharyngeal cancer survivors: Towards age-adjusted dose constraints for deglutitive muscles. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 16-22	4.6	17
325	Patterns-of-failure guided biological target volume definition for head and neck cancer patients: FDG-PET and dosimetric analysis of dose escalation candidate subregions. <i>Radiotherapy and Oncology</i> , 2017 , 124, 248-255	5.3	17
324	Real-time Peer Review Quality Assurance Conferences Incorporating Physical Examination for Head-and-Neck Cancer Radiation Therapy Result in Clinically Meaningful Target Volume Alteration: Results of a Prospective Volumetric Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, S151	4	17
323	Image-guided intensity-modulated radiotherapy (IG-IMRT) for biliary adenocarcinomas: Initial clinical results. <i>Radiotherapy and Oncology</i> , 2009 , 92, 249-54	5.3	17
322	The rationale for adjuvant chemotherapy in stage I non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2007 , 2, 377-83	8.9	17
321	Quantitative body mass characterization before and after head and neck cancer radiotherapy: A challenge of height-weight formulae using computed tomography measurement. <i>Oral Oncology</i> , 2016 , 61, 62-9	4.4	17
320	Accuracy of deformable image registration on magnetic resonance images in digital and physical phantoms. <i>Medical Physics</i> , 2017 , 44, 5153-5161	4.4	16
319	Risk of second primary malignancies in head and neck cancer patients treated with definitive radiotherapy. <i>Npj Precision Oncology</i> , 2019 , 3, 22	9.8	16
318	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
317	Grading Dysphagia as a Toxicity of Head and Neck Cancer: Differences in Severity Classification Based on MBS DIGEST and Clinical CTCAE Grades. <i>Dysphagia</i> , 2018 , 33, 185-191	3.7	16
316	Nomogram for predicting symptom severity during radiation therapy for head and neck cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2014 , 151, 619-26	5.5	16

315	Positron emission tomography-computed tomography predictors of progression after DA-R-EPOCH for PMBCL. <i>Blood Advances</i> , 2018 , 2, 1334-1343	7.8	16
314	Outcomes of patients diagnosed with carcinoma metastatic to the neck from an unknown primary source and treated with intensity-modulated radiation therapy. <i>Cancer</i> , 2018 , 124, 1415-1427	6.4	15
313	Needle insertion force estimation model using procedure-specific and patient-specific criteria. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 555-8		15
312	Patient reported dry mouth: Instrument comparison and model performance for correlation with quality of life in head and neck cancer survivors. <i>Radiotherapy and Oncology</i> , 2018 , 126, 75-80	5.3	15
311	Recurrent oral cavity cancer: Patterns of failure after salvage multimodality therapy. <i>Head and Neck</i> , 2017 , 39, 633-638	4.2	14
310	Creating customized oral stents for head and neck radiotherapy using 3D scanning and printing. <i>Radiation Oncology</i> , 2019 , 14, 148	4.2	14
309	A methodology to investigate the impact of image distortions on the radiation dose when using magnetic resonance images for planning. <i>Physics in Medicine and Biology</i> , 2018 , 63, 085005	3.8	14
308	Geometric and dosimetric evaluations of atlas-based segmentation methods of MR images in the head and neck region. <i>Physics in Medicine and Biology</i> , 2018 , 63, 145007	3.8	14
307	Consequences of anorectal cancer atlas implementation in the cooperative group setting: radiobiologic analysis of a prospective randomized in silico target delineation study. <i>Radiotherapy and Oncology</i> , 2014 , 112, 418-24	5.3	14
306	An interactive tool for individualized estimation of conditional survival in rectal cancer. <i>Annals of Surgical Oncology</i> , 2011 , 18, 1547-52	3.1	14
305	The role of radiation therapy in benign diseases. <i>Hematology/Oncology Clinics of North America</i> , 2006 , 20, 523-57	3.1	14
304	Magnetic resonance imaging of swallowing-related structures in nasopharyngeal carcinoma patients receiving IMRT: Longitudinal dose-response characterization of quantitative signal kinetics. <i>Radiotherapy and Oncology</i> , 2016 , 118, 315-22	5.3	14
303	Patient-reported outcomes of symptom burden in patients receiving surgical or nonsurgical treatment for low-intermediate risk oropharyngeal squamous cell carcinoma: A comparative analysis of a prospective registry. <i>Oral Oncology</i> , 2019 , 91, 13-20	4.4	14
302	Temporally feathered intensity-modulated radiation therapy: A planning technique to reduce normal tissue toxicity. <i>Medical Physics</i> , 2018 , 45, 3466-3474	4.4	14
301	Quantitative pretreatment CT volumetry: Association with oncologic outcomes in patients with T4a squamous carcinoma of the larynx. <i>Head and Neck</i> , 2017 , 39, 1609-1620	4.2	13
300	Evaluation of the Relative Citation Ratio, a New National Institutes of Health-Supported Bibliometric Measure of Research Productivity, among Academic Radiation Oncologists. <i>Journal of the American College of Radiology</i> , 2018 , 15, 469-474	3.5	13
299	Enhancing Career Paths for Tomorrow's Radiation Oncologists. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 52-63	4	13
298	Prospective assessment of an atlas-based intervention combined with real-time software feedback in contouring lymph node levels and organs-at-risk in the head and neck: Quantitative assessment of conformance to expert delineation. <i>Practical Radiation Oncology</i> , 2013 , 3, 186-193	2.8	13

297	Case report and summary of literature: giant perineal keloids treated with post-excisional radiotherapy. <i>BMC Dermatology</i> , 2006 , 6, 7	2.1	13
296	Spatial habitats from multiparametric MR imaging are associated with signaling pathway activities and survival in glioblastoma. <i>Oncotarget</i> , 2017 , 8, 112992-113001	3.3	13
295	Radiation therapy (with or without neck surgery) for phenotypic human papillomavirus-associated oropharyngeal cancer. <i>Cancer</i> , 2016 , 122, 1702-7	6.4	13
294	Outcomes for hypopharyngeal carcinoma treated with organ-preservation therapy. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E2091-9	4.2	13
293	Prognostic value of pretherapy platelet elevation in oropharyngeal cancer patients treated with chemoradiation. <i>International Journal of Cancer</i> , 2016 , 138, 1290-7	7.5	13
292	Usefulness of surveillance imaging in patients with head and neck cancer who are treated with definitive radiotherapy. <i>Cancer</i> , 2019 , 125, 1823-1829	6.4	13
291	Symptom Burden Associated With Late Lower Cranial Neuropathy in Long-term Oropharyngeal Cancer Survivors. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018 , 144, 1066-1076	3.9	13
290	Acute Tumor Lactate Perturbations as a Biomarker of Genotoxic Stress: Development of a Biochemical Model. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 2901-8	6.1	12
289	Prognostic impact of leukocyte counts before and during radiotherapy for oropharyngeal cancer. <i>Clinical and Translational Radiation Oncology</i> , 2017 , 7, 28-35	4.6	12
288	Radiotherapy for thymoma and thymic carcinoma. <i>Hematology/Oncology Clinics of North America</i> , 2008 , 22, 489-507	3.1	12
287	Racial and Ethnic Disparities Among Participants in US-Based Phase 3 Randomized Cancer Clinical Trials. <i>JNCI Cancer Spectrum</i> , 2020 , 4, pkaa060	4.6	12
286	PleThora: Pleural effusion and thoracic cavity segmentations in diseased lungs for benchmarking chest CT processing pipelines. <i>Medical Physics</i> , 2020 , 47, 5941-5952	4.4	12
285	Initial Feasibility and Clinical Implementation of Daily MR-Guided Adaptive Head and Neck Cancer Radiation Therapy on a 1.5T MR-Linac System: Prospective R-IDEAL 2a/2b Systematic Clinical Evaluation of Technical Innovation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 109, 1606-1618	4	12
284	Evaluating the Effect of Right-Censored End Point Transformation for Radiomic Feature Selection of Data From Patients With Oropharyngeal Cancer. <i>JCO Clinical Cancer Informatics</i> , 2018 , 2, 1-19	5.2	12
283	Prospective study of the feasibility and dosimetric advantages of MRI-guided dose adaptation for human papillomavirus positive oropharyngeal cancer patients compared with standard IMRT. <i>Clinical and Translational Radiation Oncology</i> , 2018 , 11, 11-18	4.6	12
282	Clustering of Largely Right-Censored Oropharyngeal Head and Neck Cancer Patients for Discriminative Groupings to Improve Outcome Prediction. <i>Scientific Reports</i> , 2020 , 10, 3811	4.9	11
281	Clinical outcomes after local field conformal reirradiation of patients with retropharyngeal nodal metastasis. <i>Head and Neck</i> , 2017 , 39, 2079-2087	4.2	11
280	Estimation of daily interfractional larynx residual setup error after isocentric alignment for head and neck radiotherapy: quality assurance implications for target volume and organs-at-risk margination using daily CT on- rails imaging. <i>Journal of Applied Clinical Medical Physics</i> , 2014 , 16, 5108	2.3	11

279	Increased vulnerability of the spinal cord to radiation or intrathecal chemotherapy during adolescence: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2009 , 53, 1205-10 ³		11
278	In-vivo measurement of surgical needle intervention parameters: a pilot study. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 3652-5		11
277	Time and PSA threshold model prognosticates long-term overall and disease-specific survival in prostate cancer patients as early as 3 months after external beam radiation therapy. <i>Prostate Cancer and Prostatic Diseases</i> , 2005 , 8, 353-8	6.2	11
276	Decreasing incidence of upper age restriction enrollment criteria among cancer clinical trials. <i>Journal of Geriatric Oncology</i> , 2020 , 11, 451-454	3.6	11
275	Stability analysis of CT radiomic features with respect to segmentation variation in oropharyngeal cancer. <i>Clinical and Translational Radiation Oncology</i> , 2020 , 21, 11-18	4.6	11
274	Radiographic retropharyngeal lymph node involvement in HPV-associated oropharyngeal carcinoma: Patterns of involvement and impact on patient outcomes. <i>Cancer</i> , 2019 , 125, 1536-1546	6.4	11
273	Precision Risk Analysis of Cancer Therapy with Interactive Nomograms and Survival Plots. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2019 , 25, 1732-1745	4	11
272	Outcomes of carotid-sparing IMRT for T1 glottic cancer: Comparison with conventional radiation. <i>Laryngoscope</i> , 2020 , 130, 146-153	3.6	11
271	Significance of Negative Posttreatment 18-FDG PET/CT Imaging in Patients With p16/HPV-Positive Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 1029-1035 ⁴		11
270	Artificial intelligence in radiation oncology treatment planning: a brief overview. <i>Journal of Medical Artificial Intelligence</i> , 2019 , 2, 9-9	1.6	10
269	Investigation of TLD and EBT3 performance under the presence of 1.5T, 0.35T, and 0T magnetic field strengths in MR/CT visible materials. <i>Medical Physics</i> , 2019 , 46, 3217-3226	4.4	10
268	Head and neck cancer patient images for determining auto-segmentation accuracy in T2-weighted magnetic resonance imaging through expert manual segmentations. <i>Medical Physics</i> , 2020 , 47, 2317-2322 ⁴	4.4	10
267	Orbital carcinomas treated with adjuvant intensity-modulated radiation therapy. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E580-7	4.2	10
266	Quantifying the accuracy of deformable image registration for cone-beam computed tomography with a physical phantom. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 92-100	2.3	10
265	Development of a software for quantitative evaluation radiotherapy target and organ-at-risk segmentation comparison. <i>Journal of Digital Imaging</i> , 2014 , 27, 108-19	5.3	10
264	In vivo dose perturbation effects of metallic dental alloys during head and neck irradiation with intensity modulated radiation therapy. <i>Oral Oncology</i> , 2004 , 40, 645-8	4.4	10
263	Target Contour Testing/Instructional Computer Software (TaCTICS): A Novel Training and Evaluation Platform for Radiotherapy Target Delineation 2010 , 2010, 361-5	0.7	10
262	Performance Status Restriction in Phase III Cancer Clinical Trials. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2020 , 18, 1322-1326	7.3	10

261	Modeling symptom drivers of oral intake in long-term head and neck cancer survivors. <i>Supportive Care in Cancer</i> , 2019 , 27, 1405-1415	3.9	10
260	A prospective longitudinal assessment of MRI signal intensity kinetics of non-target muscles in patients with advanced stage oropharyngeal cancer in relationship to radiotherapy dose and post-treatment radiation-associated dysphagia: Preliminary findings from a randomized trial. <i>Scientific Data</i> , 2019 , 8, 13014	5.3	10
259	Single-item discrimination of quality-of-life-altering dysphagia among 714 long-term oropharyngeal cancer survivors: Comparison of patient-reported outcome measures of swallowing. <i>Cancer</i> , 2019 , 125, 1654-1664	6.4	10
258	Prognostic factors and survival in adenoid cystic carcinoma of the sinonasal cavity. <i>Head and Neck</i> , 2018 , 40, 2596-2605	4.2	10
257	Predicting treatment Response based on Dual assessment of magnetic resonance Imaging kinetics and Circulating Tumor cells in patients with Head and Neck cancer (PREDICT-HN): matching liquid biopsy and quantitative tumor modeling. <i>BMC Cancer</i> , 2018 , 18, 903	4.8	10
256	Performance/outcomes data and physician process challenges for practical big data efforts in radiation oncology. <i>Medical Physics</i> , 2018 , 45, e811-e819	4.4	10
255	Prospective analysis of in vivo landmark point-based MRI geometric distortion in head and neck cancer patients scanned in immobilized radiation treatment position: Results of a prospective quality assurance protocol. <i>Clinical and Translational Radiation Oncology</i> , 2017 , 7, 13-19	4.6	9
254	Swallowing-related outcomes associated with late lower cranial neuropathy in long-term oropharyngeal cancer survivors: cross-sectional survey analysis. <i>Head and Neck</i> , 2019 , 41, 3880-3894	4.2	9
253	Evaluation of the accuracy of deformable image registration on MRI with a physical phantom. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 166-173	2.3	9
252	Dynamic contrast-enhanced magnetic resonance imaging for head and neck cancers. <i>Scientific Data</i> , 2018 , 5, 180008	8.2	9
251	Decreased gastrostomy tube incidence and weight loss after transoral robotic surgery for low- to intermediate-risk oropharyngeal squamous cell carcinoma. <i>Head and Neck</i> , 2018 , 40, 2507-2513	4.2	9
250	Prospective quantitative quality assurance and deformation estimation of MRI-CT image registration in simulation of head and neck radiotherapy patients. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 120-127	4.6	9
249	Characteristics and kinetics of cervical lymph node regression after radiation therapy for human papillomavirus-associated oropharyngeal carcinoma: quantitative image analysis of post-radiotherapy response. <i>Oral Oncology</i> , 2015 , 51, 195-201	4.4	9
248	Method comparison of automated matching software-assisted cone-beam CT and stereoscopic kilovoltage x-ray positional verification image-guided radiation therapy for head and neck cancer: a prospective analysis. <i>Physics in Medicine and Biology</i> , 2009 , 54, 7401-15	3.8	9
247	Individualized estimation of conditional survival for patients with head and neck cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2011 , 145, 71-3	5.5	9
246	Prospective evaluation of pretreatment executive cognitive impairment and depression in patients referred for radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 72, 529-33	4	9
245	A cost-effectiveness analysis of adjuvant chemoradiotherapy for resected gastric cancer. <i>Gastrointestinal Cancer Research: GCR</i> , 2008 , 2, 57-63		9
244	Xerostomia-related quality of life for patients with oropharyngeal carcinoma treated with proton therapy. <i>Radiotherapy and Oncology</i> , 2020 , 142, 133-139	5.3	9

243	Comparison of systemic therapies used concurrently with radiation for the treatment of human papillomavirus-associated oropharyngeal cancer. <i>Head and Neck</i> , 2016 , 38 Suppl 1, E1554-61	4.2	9
242	Cohort-based T-SSIM Visual Computing for Radiation Therapy Prediction and Exploration. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2020 , 26, 949-959	4	9
241	Fatigue following radiation therapy in nasopharyngeal cancer survivors: A dosimetric analysis incorporating patient report and observer rating. <i>Radiotherapy and Oncology</i> , 2019 , 133, 35-42	5.3	9
240	Tumor Segmentation in Patients with Head and Neck Cancers Using Deep Learning Based-on Multi-modality PET/CT Images. <i>Lecture Notes in Computer Science</i> , 2021 , 12603, 85-98	0.9	9
239	Patient-reported outcomes, physician-reported toxicities, and treatment outcomes in a modern cohort of patients with sinonasal cancer treated using proton beam therapy. <i>Radiotherapy and Oncology</i> , 2020 , 148, 258-266	5.3	8
238	Association of Medicaid Insurance With Survival Among Patients With Small Cell Lung Cancer. <i>JAMA Network Open</i> , 2020 , 3, e203277	10.4	8
237	A prospective in silico analysis of interdisciplinary and interobserver spatial variability in post-operative target delineation of high-risk oral cavity cancers: Does physician specialty matter?. <i>Clinical and Translational Radiation Oncology</i> , 2018 , 12, 40-46	4.6	8
236	2006,		8
235	Parametric survival models for predicting the benefit of adjuvant chemoradiotherapy in gallbladder cancer 2010 , 2010, 847-51	0.7	8
234	A pilot prospective feasibility study of organ-at-risk definition using Target Contour Testing/Instructional Computer Software (TaCTICS), a training and evaluation platform for radiotherapy target delineation 2011 , 2011, 654-63	0.7	8
233	MRIgRT head and neck anthropomorphic QA phantom: Design, development, reproducibility, and feasibility study. <i>Medical Physics</i> , 2020 , 47, 604-613	4.4	8
232	Differences between planned and delivered dose for head and neck cancer, and their consequences for normal tissue complication probability and treatment adaptation. <i>Radiotherapy and Oncology</i> , 2020 , 142, 100-106	5.3	8
231	Tobacco exposure as a major modifier of oncologic outcomes in human papillomavirus (HPV) associated oropharyngeal squamous cell carcinoma. <i>BMC Cancer</i> , 2020 , 20, 912	4.8	8
230	Novel Autosegmentation Spatial Similarity Metrics Capture the Time Required to Correct Segmentations Better Than Traditional Metrics in a Thoracic Cavity Segmentation Workflow. <i>Journal of Digital Imaging</i> , 2021 , 34, 541-553	5.3	8
229	Industry Funding Is Correlated With Publication Productivity of US Academic Radiation Oncologists. <i>Journal of the American College of Radiology</i> , 2019 , 16, 244-251	3.5	8
228	Characterization of a new physical phantom for testing rigid and deformable image registration. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 145-153	2.3	8
227	Forecasting Individual Patient Response to Radiation Therapy in Head and Neck Cancer With a Dynamic Carrying Capacity Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, 693-704	4	8
226	Effects of alterations in positron emission tomography imaging parameters on radiomics features. <i>PLoS ONE</i> , 2019 , 14, e0221877	3.7	7

225	Predictive Models to Determine Clinically Relevant Deviations in Delivered Dose for Head and Neck Cancer. <i>Practical Radiation Oncology</i> , 2019 , 9, e422-e431	2.8	7
224	Lymphopenia during radiotherapy in patients with oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2020 , 145, 95-100	5.3	7
223	A Prostate Fossa Contouring Instructional Module: Implementation and Evaluation. <i>Journal of the American College of Radiology</i> , 2016 , 13, 835-841.e1	3.5	7
222	"Après Mois, Le Déluge": Preparing for the Coming Data Flood in the MRI-Guided Radiotherapy Era. <i>Frontiers in Oncology</i> , 2019 , 9, 983	5.3	7
221	Association between tumor architecture derived from generalized Q-space MRI and survival in glioblastoma. <i>Oncotarget</i> , 2017 , 8, 41815-41826	3.3	7
220	Outcomes and patterns of radiation associated brain image changes after proton therapy for head and neck skull base cancers. <i>Radiotherapy and Oncology</i> , 2020 , 151, 119-125	5.3	7
219	Progression-free survival is a suboptimal predictor for overall survival among metastatic solid tumour clinical trials. <i>European Journal of Cancer</i> , 2020 , 136, 176-185	7.5	7
218	Association of Industry Sponsorship With Cancer Clinical Trial Accrual. <i>JAMA Oncology</i> , 2020 , 6, 1625-1627	5.4	7
217	No Longer a Match: Trends in Radiation Oncology National Resident Matching Program (NRMP) Data from 2010-2020 and Comparison Across Specialties. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 278-287	4	7
216	Patterns of Care, Tolerability, and Safety of the First Cohort of Patients Treated on a Novel High-Field MR-Linac Within the MOMENTUM Study: Initial Results From a Prospective Multi-Institutional Registry. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, 867-875	4	7
215	Osteoradionecrosis in patients with salivary gland malignancies. <i>Oral Oncology</i> , 2016 , 57, 1-5	4.4	7
214	Estimating PTV Margins in Head and Neck Stereotactic Ablative Radiation Therapy (SABR) Through Target Site Analysis of Positioning and Intrafractional Accuracy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 185-193	4	7
213	Age-adjusted comorbidity and survival in locally advanced laryngeal cancer. <i>Head and Neck</i> , 2018 , 40, 2060-2069	4.2	7
212	MRIgRT dynamic lung motion thorax anthropomorphic QA phantom: Design, development, reproducibility, and feasibility study. <i>Medical Physics</i> , 2019 , 46, 5124-5133	4.4	6
211	Metabolic Imaging as a Biomarker of Early Radiation Response in Tumors. <i>Clinical Cancer Research</i> , 2015 , 21, 4996-8	12.9	6
210	Comparison of tumor delineation using dual energy computed tomography versus magnetic resonance imaging in head and neck cancer re-irradiation cases. <i>Physics and Imaging in Radiation Oncology</i> , 2020 , 14, 1-5	3.1	6
209	Precision toxicity correlates of tumor spatial proximity to organs at risk in cancer patients receiving intensity-modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2020 , 148, 245-251	5.3	6
208	A spatial neighborhood methodology for computing and analyzing lymph node carcinoma similarity in precision medicine. <i>Journal of Biomedical Informatics: X</i> , 2020 , 112S, 100067	3.9	6

207	Repetitive MRI of organs at risk in head and neck cancer patients undergoing radiotherapy. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 131-139	4.6	6
206	Success breeds success: authorship distribution in the Red Journal, 1975-2011. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 23-8	4	6
205	Implementation of a lateral total body irradiation technique with 6 MV photons: The University of Texas Health Science Center in San Antonio experience. <i>Journal of Radiotherapy in Practice</i> , 2011 , 10, 45-54	0.4	6
204	Quality of life: From a Tower of Babel toward a unified voice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 58, 1334-5	4	6
203	Conditional Survival of Gallbladder Adenocarcinoma Treated with Radiotherapy: Analysis From the SEER Database. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 63, S274	4	6
202	Metabolic interrogation as a tool to optimize chemotherapeutic regimens. <i>Oncotarget</i> , 2017 , 8, 18154-18165	3.65	6
201	Imaging for Response Assessment in Radiation Oncology: Current and Emerging Techniques. <i>Hematology/Oncology Clinics of North America</i> , 2020 , 34, 293-306	3.1	6
200	Highly conformal reirradiation in patients with prior oropharyngeal radiation: Clinical efficacy and toxicity outcomes. <i>Head and Neck</i> , 2020 , 42, 3326-3335	4.2	6
199	Radiomic biomarkers of tumor immune biology and immunotherapy response. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 28, 97-115	4.6	6
198	Cross-modality deep learning: Contouring of MRI data from annotated CT data only. <i>Medical Physics</i> , 2021 , 48, 1673-1684	4.4	6
197	Intensity-modulated proton therapy for oropharyngeal cancer reduces rates of late xerostomia. <i>Radiotherapy and Oncology</i> , 2021 , 160, 32-39	5.3	6
196	Large Interobserver Variation in the International MR-LINAC Oropharyngeal Carcinoma Delineation Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, E639-E640	4	5
195	Non-English language validation of patient-reported outcome measures in cancer clinical trials. <i>Supportive Care in Cancer</i> , 2020 , 28, 2503-2505	3.9	5
194	Prospective longitudinal patient-reported outcomes of swallowing following intensity modulated proton therapy for oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2020 , 148, 133-139	5.3	5
193	Self-reported oral morbidities in long-term oropharyngeal cancer survivors: A cross-sectional survey of 906 survivors. <i>Oral Oncology</i> , 2018 , 84, 88-94	4.4	5
192	Incompletely treated malignancies of the major salivary gland: Toward evidence-based care. <i>Head and Neck</i> , 2018 , 40, 1630-1638	4.2	5
191	Gastrostomy Tube Rates Decrease by Over 50% in Patients With Nasopharyngeal Cancer Treated With Intensity Modulated Proton Therapy (IMPT): A Case-Control Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, S528	4	5
190	Emotional Intelligence and Burnout in Academic Radiation Oncology Chairs. <i>Journal of Healthcare Management</i> , 2017 , 62, 302-313	0.6	5

189	Exclusion of patients with brain metastases from cancer clinical trials. <i>Neuro-Oncology</i> , 2020 , 22, 577-579		5
188	The impact of tongue-deviating and tongue-depressing oral stents on long-term radiation-associated symptoms in oropharyngeal cancer survivors. <i>Clinical and Translational Radiation Oncology</i> , 2020 , 24, 71-78	4.6	5
187	Quantitative Dynamic Contrast-Enhanced MRI Identifies Radiation-Induced Vascular Damage in Patients With Advanced Osteoradionecrosis: Results of a Prospective Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 1319-1328	4	5
186	Computed Tomography Radiomics Kinetics as Early Imaging Correlates of Osteoradionecrosis in Oropharyngeal Cancer Patients. <i>Frontiers in Artificial Intelligence</i> , 2021 , 4, 618469	3	5
185	CT-based volumetric tumor growth velocity: A novel imaging prognostic indicator in oropharyngeal cancer patients receiving radiotherapy. <i>Oral Oncology</i> , 2016 , 63, 16-22	4.4	5
184	Quantifying the benefit of non-small-cell lung cancer immunotherapy. <i>Lancet, The</i> , 2019 , 394, 1904	4.0	5
183	Stereotactic radiosurgery for trigeminal pain secondary to recurrent malignant skull base tumors. <i>Journal of Neurosurgery</i> , 2018 , 130, 812-821	3.2	5
182	Minocycline for symptom reduction during radiation therapy for head and neck cancer: a randomized clinical trial. <i>Supportive Care in Cancer</i> , 2020 , 28, 261-269	3.9	5
181	Early Stage olfactory neuroblastoma and the impact of resecting dura and olfactory bulb. <i>Laryngoscope</i> , 2018 , 128, 1274-1280	3.6	5
180	Improved human observer performance in digital reconstructed radiograph verification in head and neck cancer radiotherapy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015 , 10, 1667-73	3.9	4
179	Effect of Deep Inspiration Breath Hold on Normal Tissue Sparing With Intensity Modulated Radiation Therapy Versus Proton Therapy for Mediastinal Lymphoma. <i>Advances in Radiation Oncology</i> , 2020 , 5, 1255-1266	3.3	4
178	Outcomes after radiation therapy for T2N0/stage II glottic squamous cell carcinoma. <i>Head and Neck</i> , 2020 , 42, 2791-2800	4.2	4
177	A modular phantom and software to characterize 3D geometric distortion in MRI. <i>Physics in Medicine and Biology</i> , 2020 , 65, 195008	3.8	4
176	Prospective observational evaluation of radiation-induced late taste impairment kinetics in oropharyngeal cancer patients: Potential for improvement over time?. <i>Clinical and Translational Radiation Oncology</i> , 2020 , 22, 98-105	4.6	4
175	Data from a terminated study on iron oxide nanoparticle magnetic resonance imaging for head and neck tumors. <i>Scientific Data</i> , 2020 , 7, 63	8.2	4
174	CD8 infiltration is associated with disease control and tobacco exposure in intermediate-risk oropharyngeal cancer. <i>Scientific Reports</i> , 2020 , 10, 243	4.9	4
173	Patterns of locoregional failure following post-operative intensity-modulated radiotherapy to oral cavity cancer: quantitative spatial and dosimetric analysis using a deformable image registration workflow. <i>Radiation Oncology</i> , 2017 , 12, 129	4.2	4
172	Quantitative assessment of target delineation variability for thymic cancers: Agreement evaluation of a prospective segmentation challenge. <i>Journal of Radiation Oncology</i> , 2016 , 5, 55-61	0.7	4

171	Cognitive function and patient-reported memory problems after radiotherapy for cancers at the skull base: A cross-sectional survivorship study using the Telephone Interview for Cognitive Status and the MD Anderson Symptom Inventory-Head and Neck Module. <i>Head and Neck</i> , 2017 , 39, 2048-2056	4.2	4
170	Meta-analysis of diffusion-weighted imaging for predicting locoregional failure of chemoradiotherapy in patients with head and neck squamous cell carcinoma. <i>Molecular and Clinical Oncology</i> , 2018 , 8, 197-203	1.6	4
169	Cardiac and Thoracic-Abdominal Surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2006 , 1, 265-292	3.9	4
168	Intensity-modulated Radiosurgery for patients with brain metastases: a mature outcomes analysis. <i>Technology in Cancer Research and Treatment</i> , 2007 , 6, 161-8	2.7	4
167	Phase I Study of Paclitaxel Given by Seven-Week Continuous Infusion Concurrent with Radiation Therapy for Locally Advanced Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2006 , 1, 38-45	8.9	4
166	Novel Autosegmentation Spatial Similarity Metrics Capture the Time Required to Correct Segmentations Better than Traditional Metrics in a Thoracic Cavity Segmentation Workflow		4
165	Development of a Predictive Quantitative Contrast Computed Tomography-Based Feature (Radiomics) Profile for Local Recurrence in Oropharyngeal Cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, S191	4	4
164	Long-term quality of life after definitive treatment of sinonasal and nasopharyngeal malignancies. <i>Laryngoscope</i> , 2020 , 130, 86-93	3.6	4
163	Patient Outcomes after Reirradiation of Small Skull Base Tumors using Stereotactic Body Radiotherapy, Intensity Modulated Radiotherapy, or Proton Therapy. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020 , 81, 638-644	1.5	4
162	Sex-Based Disparities Among Cancer Clinical Trial Participants. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 211-213	9.7	4
161	Prognostic significance of pre-treatment neutrophil-to-lymphocyte ratio (NLR) in patients with oropharyngeal cancer treated with radiotherapy. <i>British Journal of Cancer</i> , 2021 , 124, 628-633	8.7	4
160	Evaluation of programmed death ligand 1 expression in cytology to determine eligibility for immune checkpoint inhibitor therapy in patients with head and neck squamous cell carcinoma. <i>Cancer Cytopathology</i> , 2021 ,	3.9	4
159	Normal Tissue Complication Probability (NTCP) Prediction Model for Osteoradionecrosis of the Mandible in Patients With Head and Neck Cancer After Radiation Therapy: Large-Scale Observational Cohort. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 111, 549-558	4	4
158	Radiation Therapy is Independently Associated with Worse Survival After R0-Resection for Stage I-II Non-small Cell Lung Cancer: An Analysis of the National Cancer Data Base. <i>Annals of Surgical Oncology</i> , 2017 , 24, 1419-1427	3.1	3
157	The Trials (and Tribulations) of Complementary and Alternative Medicine in Oncology. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 1358-1360	9.7	3
156	A Dosimetric Comparison of Oral Cavity Sparing in the Unilateral Treatment of Early Stage Tonsil Cancer: IMRT, IMPT, and Tongue-Deviating Oral Stents. <i>Advances in Radiation Oncology</i> , 2020 , 5, 1359-1363	3.3	3
155	Dose-volume correlates of the prevalence of patient-reported trismus in long-term survivorship after oropharyngeal IMRT: A cross-sectional dosimetric analysis. <i>Radiotherapy and Oncology</i> , 2020 , 149, 142-149	5.3	3
154	Technical Note: A step-by-step guide to Temporally Feathered Radiation Therapy planning for head and neck cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 209-215	2.3	3

153	Detection of Glioblastoma Subclinical Recurrence Using Serial Diffusion Tensor Imaging. <i>Cancers</i> , 2020 , 12,	6.6	3
152	Novel low-kVp beamlet system for choroidal melanoma. <i>Radiation Oncology</i> , 2006 , 1, 36	4.2	3
151	Plasma fibronectin levels in cancer patients undergoing radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 60, S375-S376	4	3
150	Quantitative image feature variability amongst CT scanners with a controlled scan protocol 2018 ,		3
149	Image-guided intensity-modulated radiotherapy for pancreatic carcinoma. <i>Gastrointestinal Cancer Research: GCR</i> , 2007 , 1, 2-11		3
148	Dynamics-Adapted Radiotherapy Dose (DARD) for Head and Neck Cancer Radiotherapy Dose Personalization. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	3
147	Surveillance imaging for patients with head and neck cancer treated with definitive radiotherapy: A partially observed Markov decision process model. <i>Cancer</i> , 2020 , 126, 749-756	6.4	3
146	Proton Therapy for Head and Neck Cancer: A 12-Year, Single-Institution Experience. <i>International Journal of Particle Therapy</i> , 2021 , 8, 108-118	1.5	3
145	Work Outcomes after Intensity-Modulated Proton Therapy (IMPT) versus Intensity-Modulated Photon Therapy (IMRT) for Oropharyngeal Cancer. <i>International Journal of Particle Therapy</i> , 2021 , 8, 319-327	1.5	3
144	Stereotactic body ablative radiotherapy for reirradiation of small volume head and neck cancers is associated with prolonged survival: Large, single-institution, modern cohort study. <i>Head and Neck</i> , 2021 , 43, 3331-3344	4.2	3
143	Proliferation Saturation Index Predicts Oropharyngeal Squamous Cell Cancer Gross Tumor Volume Reduction to Prospectively Identify Patients for Adaptive Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 903	4	3
142	Radiation-Induced Hypothyroidism After Radical Intensity Modulated Radiation Therapy for Oropharyngeal Carcinoma. <i>Advances in Radiation Oncology</i> , 2020 , 5, 111-119	3.3	3
141	SABR for Skull Base Malignancies: A Systematic Analysis of Set-Up and Positioning Accuracy. <i>Practical Radiation Oncology</i> , 2020 , 10, 363-371	2.8	3
140	Longitudinal characterization of the tumoral microbiome during radiotherapy in HPV-associated oropharynx cancer. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 26, 98-103	4.6	3
139	PleThora: Pleural effusion and thoracic cavity segmentations in diseased lungs for benchmarking chest CT processing pipelines 2020 , 47, 5941		3
138	A Predictive model of radiation-related fibrosis based on radiomic features of Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, E599	4	2
137	Radiation Associated Brain Necrosis following Proton Therapy for Head and Neck Skull Base and Intracranial Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, S5-S6	4	2
136	The Potential and Pitfalls of Crowdsourced Algorithm Development in Radiation Oncology. <i>JAMA Oncology</i> , 2019 , 5, 662-663	13.4	2

135	Use of the g-index for assessment of citation-based scholarly activity of United States radiation oncology residents and subsequent choice of academic versus private practice career. <i>Reports of Practical Oncology and Radiotherapy</i> , 2019 , 24, 294-297	1.5	2
134	Career Enrichment Opportunities at the Scientific Frontier in Radiation Oncology. <i>JCO Clinical Cancer Informatics</i> , 2019 , 3, 1-4	5.2	2
133	An quality assurance study of contouring target volumes in thoracic tumors within a cooperative group setting. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 15, 83-92	4.6	2
132	Final Report of Radiation Therapy Oncology Group Protocol 9003: Provocative, but Limited Conclusions From Exploratory Analyses. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 715-7	4	2
131	Comparison of measurement methods with a mixed effects procedure accounting for replicated evaluations (COM3PARE): method comparison algorithm implementation for head and neck IGRT positional verification. <i>BMC Medical Imaging</i> , 2015 , 15, 35	2.9	2
130	A prospective parallel design study testing non-inferiority of customized oral stents made using 3D printing or manually fabricated methods. <i>Oral Oncology</i> , 2020 , 106, 104665	4.4	2
129	Automatic registration of 2D MR cine images for swallowing motion estimation. <i>PLoS ONE</i> , 2020 , 15, e0228652	3.7	2
128	Three-dimensional imaging assessment of anatomic invasion and volumetric considerations for chemo/radiotherapy-based laryngeal preservation in T3 larynx cancer. <i>Oral Oncology</i> , 2018 , 79, 1-8	4.4	2
127	Synthetic head and neck and phantom images for determining deformable image registration accuracy in magnetic resonance imaging. <i>Medical Physics</i> , 2018 , 45, 4315	4.4	2
126	Standing on the Shoulders of Giants: Initial Results From the Radiation Oncology Academic Development and Mentorship Assessment Project (ROADMAP). <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 87, S502-S503	4	2
125	Prescribed and Measured Dose Differences for an AP-PA TBI Protocol with Compensation Filter and Ergonomic Patient Support. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2017 , 48, 301-306	1.4	2
124	Auto-segmentation of the brachial plexus assessed with TaCTICS - a software platform for rapid multiple-metric quantitative evaluation of contours. <i>Acta Oncologica</i> , 2015 , 54, 557-60	3.2	2
123	A preliminary analysis of 23 patients with endometrial cancer treated primarily by high-dose-rate brachytherapy. <i>Brachytherapy</i> , 2007 , 6, 98	2.4	2
122	Efficacy of prostate stabilizing techniques during brachytherapy procedure. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2006 , 2006, 563-6		2
121	Conditional survival in gallbladder carcinoma: Results from the SEER 11 dataset. <i>Journal of Clinical Oncology</i> , 2006 , 24, 4130-4130	2.2	2
120	Magnetic resonance linear accelerator technology and adaptive radiation therapy: An overview for clinicians. <i>Ca-A Cancer Journal for Clinicians</i> , 2021 , 72, 34	220.7	2
119	Evaluation of deep learning-based multiparametric MRI oropharyngeal primary tumor auto-segmentation and investigation of input channel effects: Results from a prospective imaging registry. <i>Clinical and Translational Radiation Oncology</i> , 2022 , 32, 6-14	4.6	2
118	Auto-segmentation of the parotid glands on MR images of head and neck cancer patients with deep learning strategies		2

117	Robotic system for prostate brachytherapy		2
116	A prospective evaluation of health-related quality of life after skull base re-irradiation. <i>Head and Neck</i> , 2020 , 42, 485-497	4.2	2
115	In Regard to Wallner et'al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 217-218		2
114	A predictive model of radiation-related fibrosis based on the radiomic features of magnetic resonance imaging and computed tomography.. <i>Translational Cancer Research</i> , 2020 , 9, 4726-4738	0.3	2
113	Patterns of Failure After Intensity Modulated Radiation Therapy in Head and Neck Squamous Cell Carcinoma of Unknown Primary: Implication of Elective Nodal and Mucosal Dose Coverage. <i>Advances in Radiation Oncology</i> , 2020 , 5, 929-935	3.3	2
112	Professional Medical Writer Assistance in Oncology Clinical Trials. <i>Oncologist</i> , 2020 , 25, e1812-e1815	5.7	2
111	The impact of induction and/or concurrent chemoradiotherapy on acute and late patient-reported symptoms in oropharyngeal cancer: Application of a mixed-model analysis of a prospective observational cohort registry. <i>Cancer</i> , 2021 , 127, 2453-2464	6.4	2
110	NTCP Modeling of Late Effects for Head and Neck Cancer: A Systematic Review. <i>International Journal of Particle Therapy</i> , 2021 , 8, 95-107	1.5	2
109	Artificial Intelligence and Radiomics in Head and Neck Cancer Care: Opportunities, Mechanics, and Challenges. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2021 , 41, 1-11	7.1	2
108	Methodologies to Increase the Level of Evidence of Real-life Proton Therapy in Head and Neck Tumors. <i>International Journal of Particle Therapy</i> , 2021 , 8, 328-338	1.5	2
107	Bioelectrical impedance analysis as a quantitative measure of sarcopenia in head and neck cancer patients treated with radiotherapy. <i>Radiotherapy and Oncology</i> , 2021 , 159, 21-27	5.3	2
106	Oropharyngeal cancer patient stratification using random forest based-learning over high-dimensional radiomic features. <i>Scientific Reports</i> , 2021 , 11, 14057	4.9	2
105	Dose-Volume Correlates of Osteoradionecrosis of the Mandible in Oropharynx Patients Receiving Intensity Modulated Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, S220-S221	4	2
104	Imaging for Target Delineation and Treatment Planning in Radiation Oncology: Current and Emerging Techniques. <i>Hematology/Oncology Clinics of North America</i> , 2019 , 33, 963-975	3.1	2
103	Development and validation of a contouring guideline for the taste bud bearing tongue mucosa. <i>Radiotherapy and Oncology</i> , 2021 , 157, 63-69	5.3	2
102	Self-Reported Trismus: prevalence, severity and impact on quality of life in oropharyngeal cancer survivorship: a cross-sectional survey report from a comprehensive cancer center. <i>Supportive Care in Cancer</i> , 2021 , 29, 1825-1835	3.9	2
101	Outcomes after salvage for HPV-positive recurrent oropharyngeal cancer treated with primary radiation. <i>Oral Oncology</i> , 2021 , 113, 105125	4.4	2
100	Discrimination of Epstein-Barr Virus Status in NPC Using CT-Derived Radiomics Features: Linking Imaging Phenotypes to Tumor Biology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 1361	4	2

99	Determinants of patient-reported xerostomia among long-term oropharyngeal cancer survivors. <i>Cancer</i> , 2021 , 127, 4470-4480	6.4	2
98	Integration of quantitative imaging biomarkers in clinical trials for MR-guided radiotherapy: Conceptual guidance for multicentre studies from the MR-Linac Consortium Imaging Biomarker Working Group. <i>European Journal of Cancer</i> , 2021 , 153, 64-71	7.5	2
97	Precision association of lymphatic disease spread with radiation-associated toxicity in oropharyngeal squamous carcinomas. <i>Radiotherapy and Oncology</i> , 2021 , 161, 152-158	5.3	2
96	Stability of MRI contrast agents in high-energy radiation of a 1.5T MR-Linac. <i>Radiotherapy and Oncology</i> , 2021 , 161, 55-64	5.3	2
95	Radiomics feature stability of open-source software evaluated on apparent diffusion coefficient maps in head and neck cancer. <i>Scientific Reports</i> , 2021 , 11, 17633	4.9	2
94	Advances in Imaging for HPV-Related Oropharyngeal Cancer: Applications to Radiation Oncology. <i>Seminars in Radiation Oncology</i> , 2021 , 31, 371-388	5.5	2
93	Volumetric assessment of apparent diffusion coefficient predicts outcome following chemoradiation for cervical cancer. <i>Radiotherapy and Oncology</i> , 2019 , 135, 58-64	5.3	1
92	An improved method for analyzing and reporting patterns of in-field recurrence after stereotactic ablative radiotherapy in early-stage non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2020 , 145, 209-214	5.3	1
91	Reply to radiotherapy for human papillomavirus-positive oropharyngeal cancers in the National Cancer Data Base. <i>Cancer</i> , 2016 , 122, 3411-3412	6.4	1
90	In vivo quantification of human lung dose response relationship 2007 ,		1
89	Multidisciplinary approach to superior sulcus tumors. <i>Cancer Journal (Sudbury, Mass)</i> , 2005 , 11, 189-97	2.2	1
88	Simultaneously spatial and temporal Higher-Order Total Variations for noise suppression and motion reduction in DCE and IVIM. <i>Proceedings of SPIE</i> , 2020 , 11313,	1.7	1
87	Long-term patient reported outcomes following radiation therapy for oropharyngeal cancer: A symptom assessment study in patients >65 years old.. <i>Journal of Clinical Oncology</i> , 2017 , 35, e21611-e21611	2.2	1
86	Proton Image-guided Radiation Assignment for Therapeutic Escalation via Selection of locally advanced head and neck cancer patients [PIRATES]: A Phase I safety and feasibility trial of MRI-guided adaptive particle radiotherapy. <i>Clinical and Translational Radiation Oncology</i> , 2022 , 32, 35-40	4.6	1
85	Intensity standardization methods in magnetic resonance imaging of head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021 , 20, 88-93	3.1	1
84	The PRO-ACTIVE trial protocol: a randomized study comparing the effectiveness of PROphylACTic swallow InterVENTion for patients receiving radiotherapy for head and neck cancer. <i>BMC Cancer</i> , 2021 , 21, 1100	4.8	1
83	Progression Free Survival Prediction for Head and Neck Cancer using Deep Learning based on Clinical and PET-CT Imaging Data		1
82	Investigation of Autosegmentation Techniques on T2-Weighted MRI for Off-line Dose Reconstruction in MR-Linac Adapt to Position Workflow for Head and Neck Cancers		1

81	Sci-PM Fri - 05: Effects of coating on friction force during needle insertion in soft materials. <i>Medical Physics</i> , 2005 , 32, 2421-2421	4.4	1
80	Precision association of lymphatic disease spread with radiation-associated toxicity in oropharyngeal squamous carcinomas		1
79	Discovering early imaging biomarkers of osteoradionecrosis in oropharyngeal cancer by characterization of temporal changes in computed tomography mandibular radiomic features		1
78	Imaging-Genomics Study Of Head-Neck Squamous Cell Carcinoma: Associations Between Radiomic Phenotypes And Genomic Mechanisms Via Integration Of TCGA And TCIA		1
77	Risk and Clinical Risk Factors Associated With Late Lower Cranial Neuropathy in Long-term Oropharyngeal Squamous Cell Carcinoma Survivors. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021 , 147, 469-478	3.9	1
76	Proton Therapy for Major Salivary Gland Cancer: Clinical Outcomes. <i>International Journal of Particle Therapy</i> , 2021 , 8, 261-272	1.5	1
75	Patient-Reported Outcomes after Intensity-Modulated Proton Therapy for Oropharynx Cancer. <i>International Journal of Particle Therapy</i> , 2021 , 8, 213-222	1.5	1
74	Activity-Based Costing of Intensity-Modulated Proton versus Photon Therapy for Oropharyngeal Cancer. <i>International Journal of Particle Therapy</i> , 2021 , 8, 374-382	1.5	1
73	Dysphagia profiles after primary transoral robotic surgery or radiation for oropharyngeal cancer: A registry analysis. <i>Head and Neck</i> , 2021 , 43, 2883-2895	4.2	1
72	FDG positron emission tomography mining for metabolic imaging biomarkers of radiation-induced xerostomia in patients with oropharyngeal cancer. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 29, 93-101	4.6	1
71	In vivo assessment of the safety of standard fractionation Temporally Feathered Radiation Therapy (TFRT) for head and neck squamous cell carcinoma: An R-IDEAL Stage 1/2a first-in-humans/feasibility demonstration of new technology implementation. <i>Radiotherapy and Oncology</i> , 2021 , 163, 39-45	5.3	1
70	Association of Risk Factors With Patient-Reported Voice and Speech Symptoms Among Long-term Survivors of Oropharyngeal Cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021 , 147, 615-623	3.9	1
69	Neurologic sequelae following radiation with and without chemotherapy for oropharyngeal cancer: Patient reported outcomes study. <i>Head and Neck</i> , 2020 , 42, 2137-2144	4.2	1
68	Exclusion of Men from Randomized Phase III Breast Cancer Clinical Trials. <i>Oncologist</i> , 2020 , 25, e990-e993	3.7	1
67	Hypomagnesemia and survival in patients with head and neck cancers who received primary concurrent chemoradiation. <i>Cancer</i> , 2021 , 127, 528-534	6.4	1
66	Hypomagnesemia and incidence of osteoradionecrosis in patients with head and neck cancers. <i>Head and Neck</i> , 2021 , 43, 613-621	4.2	1
65	Transparency in reporting of phase 3 cancer clinical trial results. <i>Acta Oncologica</i> , 2021 , 60, 191-194	3.2	1
64	MRI Intensity Standardization Evaluation Design for Head and Neck Quantitative Imaging Applications		1

63	Development of a High-Performance Multiparametric MRI Oropharyngeal Primary Tumor Auto-Segmentation Deep Learning Model and Investigation of Input Channel Effects: Results from a Prospective Imaging Registry		1
62	Manual Therapy for Fibrosis-Related Late Effect Dysphagia in head and neck cancer survivors: the pilot MANTLE trial. <i>BMJ Open</i> , 2021 , 11, e047830	3	1
61	Chemoradiation for anal cancer: the more things change, the more they stay the same. <i>Oncology</i> , 2010 , 24, 427-30	1.8	1
60	Progression Free Survival Prediction for Head and Neck Cancer Using Deep Learning Based on Clinical and PET/CT Imaging Data.. <i>Lecture Notes in Computer Science</i> , 2022 , 13209, 287-299	0.9	1
59	Genetic susceptibility to patient-reported xerostomia among long-term oropharyngeal cancer survivors.. <i>Scientific Reports</i> , 2022 , 12, 6662	4.9	1
58	Cachexia in Radiotherapy-Treated Patients With Head and Neck Cancer-Reply. <i>JAMA Oncology</i> , 2016 , 2, 831-2	13.4	0
57	Biomechanical modeling of radiation dose-induced volumetric changes of the parotid glands for deformable image registration. <i>Physics in Medicine and Biology</i> , 2020 , 65, 165017	3.8	0
56	The radiotherapy quality assurance gap among phase III cancer clinical trials. <i>Radiotherapy and Oncology</i> , 2021 , 166, 51-57	5.3	0
55	Trends in Publication Speed of Radiation Oncology Research from 2010 to 2019.. <i>Advances in Radiation Oncology</i> , 2022 , 7, 100863	3.3	0
54	TU-C-330A-02: Patterns of Brain Tumor Recurrence Predicted From DTI Tractography. <i>Medical Physics</i> , 2006 , 33, 2182-2182	4.4	0
53	Progression-free survival in the ICON8 trial. <i>Lancet, The</i> , 2020 , 396, 756	40	0
52	Proton Beam Therapy for Head and Neck Carcinoma of Unknown Primary: Toxicity and Quality of Life. <i>International Journal of Particle Therapy</i> , 2021 , 8, 234-247	1.5	0
51	Proton Therapy for HPV-Associated Oropharyngeal Cancers of the Head and Neck: a De-Intensification Strategy. <i>Current Treatment Options in Oncology</i> , 2021 , 22, 54	5.4	0
50	Conditional survival among patients with oropharyngeal cancer treated with radiation therapy and alive without recurrence 5 years after diagnosis. <i>Cancer</i> , 2021 , 127, 1228-1237	6.4	0
49	Defining the dose-volume criteria for laryngeal sparing in locally advanced oropharyngeal cancer utilizing split-field IMRT, whole-field IMRT and VMAT. <i>Journal of Applied Clinical Medical Physics</i> , 2021 , 22, 37-44	2.3	0
48	Ultra-small superparamagnetic iron oxide (USPIO) magnetic resonance imaging in benign mixed tumor of the parotid gland. <i>Clinical Case Reports (discontinued)</i> , 2021 , 9, 123-127	0.7	0
47	Detecting the Dark Matter of Unpublished Clinical Cancer Studies: An Analysis of Phase 3 Randomized Controlled Trials. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 420-426	6.4	0
46	Impact factor and citation metrics in phase III cancer trials. <i>Oncotarget</i> , 2021 , 12, 1780-1786	3.3	0

45	Article Processing Charge Waiver Policies as a Barrier to Oncology Scholarship in Low- and Lower-Middle-Income Countries. <i>JCO Global Oncology</i> , 2021 , 7, 1413-1417	3.7	o
44	Optimal Treatment Selection in Sequential Systemic and Locoregional Therapy of Oropharyngeal Squamous Carcinomas: Deep Q-Learning With a Patient-Physician Digital Twin Dyad.. <i>Journal of Medical Internet Research</i> , 2022 , 24, e29455	7.6	o
43	Head and Neck Cancer Primary Tumor Auto Segmentation Using Model Ensembling of Deep Learning in PET/CT Images.. <i>Lecture Notes in Computer Science</i> , 2022 , 13209, 121-132	0.9	o
42	Combining Tumor Segmentation Masks with PET/CT Images and Clinical Data in a Deep Learning Framework for Improved Prognostic Prediction in Head and Neck Squamous Cell Carcinoma.. <i>Lecture Notes in Computer Science</i> , 2022 , 13209, 300-307	0.9	o
41	Establishment and Validation of Pre-Therapy Cervical Vertebrae Muscle Quantification as a Prognostic Marker of Sarcopenia in Patients With Head and Neck Cancer.. <i>Frontiers in Oncology</i> , 2022 , 12, 812159	5.3	o
40	Assessing the Impact of Complementary and Alternative Medicine Trials in Oncology. <i>Integrative Cancer Therapies</i> , 2019 , 18, 1534735419859089	3	
39	Optimizing laryngeal sparing with intensity modulated radiotherapy or volumetric modulated arc therapy for unilateral tonsil cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2019 , 10, 29-34	3.1	
38	Radical Radiotherapy Should Remain the Standard of Care for Carcinoma Oropharynx-Reply. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020 , 146, 505-506	3.9	
37	Real-world applications of deep convolutional neural networks in diagnostic cancer imaging. <i>Chinese Clinical Oncology</i> , 2020 , 9, 82	2.3	
36	Sponsor-involved statistical analyses in Phase III cancer clinical trials. <i>International Journal of Cancer</i> , 2020 , 147, 3579-3581	7.5	
35	Early HPV-Related Tonsil Cancer 2018 , 628-648		
34	Biomechanical modeling of neck flexion for deformable alignment of the salivary glands in head and neck cancer images. <i>Physics in Medicine and Biology</i> , 2019 , 64, 175018	3.8	
33	Feeding Tube Utilization in Patients with Salivary Gland Malignancies. <i>Otolaryngology - Head and Neck Surgery</i> , 2017 , 156, 109-117	5.5	
32	Letter to the Editor regarding transoral laser microsurgery followed by radiotherapy in advanced oropharyngeal cancer. <i>Head and Neck</i> , 2014 , 36, 1674-5	4.2	
31	Radiation-induced toxicity in cancer patients with low plasma fibronectin levels. <i>Journal of Radiotherapy in Practice</i> , 2011 , 10, 27-33	0.4	
30	Thermo-luminescent dosimeter evaluation of extra-target dose in intensity modulated sequential tomotherapy for pancreatic cancer. <i>Journal of Radiotherapy in Practice</i> , 2006 , 5, 173-176	0.4	
29	Update on the Rheumatologic Manifestations of Malignancy. <i>Current Cancer Therapy Reviews</i> , 2007 , 3, 215-222	0.4	
28	Minimizing urinary bladder radiation dose during brachytherapy for carcinoma of the cervix using balloon inflation technique: In regard to Malaker et al. (Int J Radiat Oncol Biol Phys 2005;61:257-266). <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 62, 944; author reply 944-5	4	

27	The influence of radiation dose on taste impairment in a prospective observational study cohort of oropharyngeal cancer patients.. <i>Acta Oncologica</i> , 2022 , 1-7	3.2
26	Veterans Affairs Insurance Disparities for Metastatic Lung Cancer in the Hawaiian Islands. <i>JTO Clinical and Research Reports</i> , 2020 , 1, 100003	1.4
25	Swallowing After Primary TORS and Unilateral or Bilateral Radiation for Low- to Intermediate-Risk Tonsil Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 1945998211059967	5.5
24	SU-FF-I-03: Evaluation of Computer Aided Diagnosis On Thin-Slice Pulmonary CT Images. <i>Medical Physics</i> , 2005 , 32, 1904-1904	4.4
23	SU-FF-T-204: In Vivo Force-Torque Measurement During Prostate Brachytherapy. <i>Medical Physics</i> , 2005 , 32, 1996-1997	4.4
22	Preliminary clinical outcomes of daily ultrasound image-guided intensity modulated radiation therapy (IG-IMRT) in the treatment of primary cancers of the gallbladder. <i>Journal of Clinical Oncology</i> , 2005 , 23, 4185-4185	2.2
21	Plasma fibronectin levels in gastrointestinal cancer patients undergoing radiation therapy. <i>Journal of Clinical Oncology</i> , 2005 , 23, 9679-9679	2.2
20	SU-FF-T-52: A Robotic Platform for Image-Guided Brachytherapy (IGBT). <i>Medical Physics</i> , 2006 , 33, 2061-2061	4.4
19	A regression model for predicting conditional survival for head and neck cancer patients: A SEER analysis. <i>Journal of Clinical Oncology</i> , 2007 , 25, 6527-6527	2.2
18	An imaging/biology correlation study between radiomics features and anaplastic lymphoma kinase (ALK) mutational status in a uniform Chinese cohort of locally advanced lung adenocarcinomas.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e20540-e20540	2.2
17	Tumor volume, circulating tumor cells, and cfDNA changes during radiotherapy in patients with head and neck cancer.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 6062-6062	2.2
16	Correlation of Circulating Tumor Cell Measurements with 3D Quantitative Tumor Characterization to Predict Clinical Outcomes in Cancer. <i>Methods in Molecular Biology</i> , 2021 , 2174, 135-141	1.4
15	Feasibility of using home-based mobile sensors for remote patient monitoring in cancer care and prevention.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 9585-9585	2.2
14	Minocycline for reduction of patient-reported symptoms during radiation therapy for head and neck cancer: First results of a randomized trial.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 6040-6040	2.2
13	SU-E-QI-05: Denoising Intravoxel Incoherent Motion Magnetic Resonance Images Using Non-Local Mean Technique for Oropharyngeal Cancer Study. <i>Medical Physics</i> , 2014 , 41, 377-377	4.4
12	Use of chemotherapy with IMRT reirradiation: MDACC experience.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 6065-6065	2.2
11	Head and Neck Oncologic Emergencies 2016 , 169-178	
10	Comorbidity and survival in locally advanced laryngeal cancer.. <i>Journal of Clinical Oncology</i> , 2016 , 34, 6038-6038	2.2

9	SU-F-J-143: Initial Assessment of Image Quality of An Integrated MR-Linac System with ACR Phantom. <i>Medical Physics</i> , 2016 , 43, 3440-3440	4.4
8	Cost of surveillance imaging in head and neck cancer patients treated with definitive radiotherapy.. <i>Journal of Clinical Oncology</i> , 2017 , 35, 6610-6610	2.2
7	Provider Engagement in Radiation Oncology Data Science: Workshop Report. <i>JCO Clinical Cancer Informatics</i> , 2020 , 4, 700-710	5.2
6	Food and Drug Administration approvals in phase 3 Cancer clinical trials. <i>BMC Cancer</i> , 2021 , 21, 695	4.8
5	Predicting late symptoms of head and neck cancer treatment using LSTM and patient reported outcomes.. <i>Database Engineering and Application Symposium (IDEAS), Proceedings of the International</i> , 2021 , 2021, 273-279	
4	Identifying and Utilizing Mentors 2021 , 91-105	
3	Identifying Symptom Clusters Through Association Rule Mining. <i>Lecture Notes in Computer Science</i> , 2021 , 12721, 491-496	0.9
2	Factors associated with complex oral treatment device usage in patients with head and neck cancer. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 30, 78-83	4.6
1	Phase I study of Paclitaxel given by seven-week continuous infusion concurrent with radiation therapy for locally advanced non-small cell lung cancer. <i>Journal of Thoracic Oncology</i> , 2006 , 1, 38-45	8.9