

Abdallah S R Mohamed

List of Publications by Year in descending order

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287

papers

4,878

citations

117625

34

h-index

138484

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319

docs citations

319

times ranked

6792

citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	28
2	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.	1.7	3
3	The influence of radiation dose on taste impairment in a prospective observational study cohort of oropharyngeal cancer patients. <i>Acta Oncol</i> , 2022, 61, 146-152.	1.8	1
4	Comprehensive Quantitative Evaluation of Variability in Magnetic Resonance-Guided Delineation of Oropharyngeal Gross Tumor Volumes and High-Risk Clinical Target Volumes: An R-IDEAL Stage 0 Prospective Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 426-436.	0.8	18
5	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.	4.3	9
6	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, 121-133.	1.3	15
7	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.	1.3	13
8	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.	1.3	7
9	Three-Dimensional Evaluation of Isodose Radiation Volumes in Cases of Severe Mandibular Osteoradionecrosis for the Prediction of Recurrence after Segmental Resection. <i>Journal of Personalized Medicine</i> , 2022, 12, 834.	2.5	0
10	Hypomagnesemia and incidence of osteoradionecrosis in patients with head and neck cancers. <i>Head and Neck</i> , 2021, 43, 613-621.	2.0	2
11	Development and validation of a contouring guideline for the taste bud bearing tongue mucosa. <i>Radiotherapy and Oncology</i> , 2021, 157, 63-69.	0.6	4
12	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.	0.5	3
13	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.	0.8	52
14	Identifying Symptom Clusters Through Association Rule Mining. <i>Lecture Notes in Computer Science</i> , 2021, 12721, 491-496.	1.3	1
15	CP01.06 Veterans Affairs Insurance Disparities for Metastatic Lung Cancer in the Hawaiian Islands. <i>Journal of Thoracic Oncology</i> , 2021, 16, S14.	1.1	0
16	Outcomes after salvage for HPV-positive recurrent oropharyngeal cancer treated with primary radiation. <i>Oral Oncology</i> , 2021, 113, 105125.	1.5	12
17	Development of a rational strategy for integration of lactate dehydrogenase A suppression into therapeutic algorithms for head and neck cancer. <i>British Journal of Cancer</i> , 2021, 124, 1670-1679.	6.4	7
18	The impact of induction and/or concurrent chemoradiotherapy on acute and late patient-reported symptoms in oropharyngeal cancer: Application of a mixed-effects model analysis of a prospective observational cohort registry. <i>Cancer</i> , 2021, 127, 2453-2464.	4.1	7

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19	Computed Tomography Radiomics Kinetics as Early Imaging Correlates of Osteoradionecrosis in Oropharyngeal Cancer Patients. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 618469.	3.4	8
20	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.	0.6	12
21	18FDG 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.	1.7	6
22	Oropharyngeal cancer patient stratification using random forest based-learning over high-dimensional radiomic features. <i>Scientific Reports</i> , 2021, 11, 14057.	3.3	7
23	Predicting late symptoms of head and neck cancer treatment using LSTM and patient reported outcomes. , 2021, 2021, 273-279.		5
24	Precision association of lymphatic disease spread with radiation-associated toxicity in oropharyngeal squamous carcinomas. <i>Radiotherapy and Oncology</i> , 2021, 161, 152-158.	0.6	7
25	Advances in Imaging for HPV-Related Oropharyngeal Cancer: Applications to Radiation Oncology. <i>Seminars in Radiation Oncology</i> , 2021, 31, 371-388.	2.2	16
26	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.	0.8	19
27	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.	0.8	31
28	Mixed Effect Modeling of Dose and Linear Energy Transfer Correlations With Brain Image Changes After Intensity Modulated Proton Therapy for Skull Base Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 684-692.	0.8	17
29	Dynamics-Adapted Radiotherapy Dose (DARD) for Head and Neck Cancer Radiotherapy Dose Personalization. <i>Journal of Personalized Medicine</i> , 2021, 11, 1124.	2.5	16
30	Intensity standardization methods in magnetic resonance imaging of head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 88-93.	2.9	16
31	Outcomes of carotid-sparing IMRT for T1 glottic cancer: Comparison with conventional radiation. <i>Laryngoscope</i> , 2020, 130, 146-153.	2.0	25
32	Long-term quality of life after definitive treatment of sinonasal and nasopharyngeal malignancies. <i>Laryngoscope</i> , 2020, 130, 86-93.	2.0	17
33	Radiation-Induced Hypothyroidism After Radical Intensity Modulated Radiation Therapy for Oropharyngeal Carcinoma. <i>Advances in Radiation Oncology</i> , 2020, 5, 111-119.	1.2	14
34	Imaging for Response Assessment in Radiation Oncology. <i>Hematology/Oncology Clinics of North America</i> , 2020, 34, 293-306.	2.2	11
35	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.	4.1	8
36	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.	0.6	20

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37	Stability analysis of CT radiomic features with respect to segmentation variation in oropharyngeal cancer. Clinical and Translational Radiation Oncology, 2020, 21, 11-18.	1.7	22
38	A predictive model of radiation-related fibrosis based on the radiomic features of magnetic resonance imaging and computed tomography. Translational Cancer Research, 2020, 9, 4726-4738.	1.0	8
39	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. Advances in Radiation Oncology, 2020, 5, 929-935.	1.2	8
40	Outcomes and patterns of radiation associated brain image changes after proton therapy for head and neck skull base cancers. Radiotherapy and Oncology, 2020, 151, 119-125.	0.6	10
41	PleThora: Pleural effusion and thoracic cavity segmentations in diseased lungs for benchmarking chest CT processing pipelines. Medical Physics, 2020, 47, 5941-5952.	3.0	29
42	The impact of tongue-deviating and tongue-depressing oral stents on long-term radiation-associated symptoms in oropharyngeal cancer survivors. Clinical and Translational Radiation Oncology, 2020, 24, 71-78.	1.7	11
43	Quantitative Dynamic Contrast-Enhanced MRI Identifies Radiation-Induced Vascular Damage in Patients With Advanced Osteoradionecrosis: Results of a Prospective Study. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1319-1328.	0.8	13
44	Tobacco exposure as a major modifier of oncologic outcomes in human papillomavirus (HPV) associated oropharyngeal squamous cell carcinoma. BMC Cancer, 2020, 20, 912.	2.6	31
45	Big Data Statistical Learning Improves Survival Prediction For Head And Neck Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2020, 108, e796-e797.	0.8	5
46	Outcomes after Radiation Therapy for T2N0 Glottic Squamous Cell Carcinoma. International Journal of Radiation Oncology Biology Physics, 2020, 108, e834-e835.	0.8	0
47	Patterns Of Loco-Regional Failure And Outcomes After Intensity Modulated Radiation Therapy For Unresectable Anaplastic Thyroid Cancer. International Journal of Radiation Oncology Biology Physics, 2020, 108, e849-e850.	0.8	0
48	Investigation of Longitudinal Dose-weighted FDG-Positron Emission Tomography Metabolic Imaging Biomarkers (PET MIBs) of Radiation-associated Dysphagia in OPC Cohort. International Journal of Radiation Oncology Biology Physics, 2020, 108, e312-e313.	0.8	1
49	Quantifying the Interplay Between Smoking and Human Papillomavirus in Risk Stratification of Patients with Oropharyngeal Cancer Undergoing Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, E22-E23.	0.8	0
50	Mid-Treatment Apparent Diffusion Coefficient Predicts Late Xerostomia following Head and Neck Cancer Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, S58-S59.	0.8	0
51	Clinical Implementation of Daily Dose Accumulation and Adaptive Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, e371-e372.	0.8	0
52	Head and neck cancer patient images for determining auto-segmentation accuracy in T2-weighted magnetic resonance imaging through expert manual segmentations. Medical Physics, 2020, 47, 2317-2322.	3.0	29
53	Dose-volume correlates of the prevalence of patient-reported trismus in long-term survivorship after oropharyngeal IMRT: A cross-sectional dosimetric analysis. Radiotherapy and Oncology, 2020, 149, 142-149.	0.6	11
54	Precision toxicity correlates of tumor spatial proximity to organs at risk in cancer patients receiving intensity-modulated radiotherapy. Radiotherapy and Oncology, 2020, 148, 245-251.	0.6	20

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55	Outcomes after radiation therapy for <scp>T2N0</scp>/stage <scp>II</scp> glottic squamous cell carcinoma. Head and Neck, 2020, 42, 2791-2800.	2.0	11
56	Rates of Toxicity for Locally Advanced Head and Neck Cancer Patients Receiving Concurrent Chemoradiation in the Modern Era: A Review. International Journal of Radiation Oncology Biology Physics, 2020, 106, 1206.	0.8	2
57	Prospective observational evaluation of radiation-induced late taste impairment kinetics in oropharyngeal cancer patients: Potential for improvement over time?. Clinical and Translational Radiation Oncology, 2020, 22, 98-105.	1.7	5
58	A spatial neighborhood methodology for computing and analyzing lymph node carcinoma similarity in precision medicine. Journal of Biomedical Informatics: X, 2020, 112, 100067.	4.2	11
59	Clustering of Largely Right-Censored Oropharyngeal Head and Neck Cancer Patients for Discriminative Groupings to Improve Outcome Prediction. Scientific Reports, 2020, 10, 3811.	3.3	23
60	Real-world applications of deep convolutional neural networks in diagnostic cancer imaging. Chinese Clinical Oncology, 2020, 9, 82-82.	1.2	0
61	Detection of Glioblastoma Subclinical Recurrence Using Serial Diffusion Tensor Imaging. Cancers, 2020, 12, 568.	3.7	10
62	An improved method for analyzing and reporting patterns of in-field recurrence after stereotactic ablative radiotherapy in early-stage non-small cell lung cancer. Radiotherapy and Oncology, 2020, 145, 209-214.	0.6	3
63	Data from a terminated study on iron oxide nanoparticle magnetic resonance imaging for head and neck tumors. Scientific Data, 2020, 7, 63.	5.3	6
64	Automatic registration of 2D MR cine images for swallowing motion estimation. PLoS ONE, 2020, 15, e0228652.	2.5	4
65	Lymphopenia during radiotherapy in patients with oropharyngeal cancer. Radiotherapy and Oncology, 2020, 145, 95-100.	0.6	18
66	CD8 infiltration is associated with disease control and tobacco exposure in intermediate-risk oropharyngeal cancer. Scientific Reports, 2020, 10, 243.	3.3	18
67	Accuracy of deformable image registration techniques for alignment of longitudinal cholangiocarcinoma CT images. Medical Physics, 2020, 47, 1670-1679.	3.0	14
68	Association of Medicaid Insurance With Survival Among Patients With Small Cell Lung Cancer. JAMA Network Open, 2020, 3, e203277.	5.9	15
69	Neurologic sequelae following radiation with and without chemotherapy for oropharyngeal cancer: Patient reported outcomes study. Head and Neck, 2020, 42, 2137-2144.	2.0	3
70	PleThora: Pleural effusion and thoracic cavity segmentations in diseased lungs for benchmarking chest CT processing pipelines. Medical Physics, 2020, 47, 5941.	3.0	5
71	Simultaneously spatial and temporal higher-order total variations for noise suppression and motion reduction in DCE and IVIM. , 2020, 11313, .		1
72	Abstract 1662:In vivodrug response evaluation in anaplastic thyroid cancer patient-derived tumor xenografts following high-throughput screening. , 2020, , .		0

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73	Veterans Affairs Insurance Disparities for Metastatic Lung Cancer in the Hawaiian Islands. JTO Clinical and Research Reports, 2020, 1, 100003.	1.1	0
74	Biomechanical modeling of radiation dose-induced volumetric changes of the parotid glands for deformable image registration. Physics in Medicine and Biology, 2020, 65, 165017.	3.0	2
75	Explainable Spatial Clustering: Leveraging Spatial Data in Radiation Oncology. , 2020, , .		4
76	PO-1586: Prediction of late xerostomia with clinical, atlas based and deep learning contours. Radiotherapy and Oncology, 2020, 152, S861-S862.	0.6	0
77	PO-124 Three-dimensional radiation dose of osteoradionecrosis in oropharyngeal cancer receiving IMRT. Radiotherapy and Oncology, 2019, 132, 63-64.	0.6	0
78	EP-1203 Characterization of DCE-MRI parameters associated with advanced mandibular osteonecrosis. Radiotherapy and Oncology, 2019, 133, S666-S667.	0.6	0
79	Chronic radiation-associated dysphagia in oropharyngeal cancer survivors: Towards age-adjusted dose constraints for deglutitive muscles. Clinical and Translational Radiation Oncology, 2019, 18, 16-22.	1.7	24
80	Prospective quantitative quality assurance and deformation estimation of MRI-CT image registration in simulation of head and neck radiotherapy patients. Clinical and Translational Radiation Oncology, 2019, 18, 120-127.	1.7	24
81	Biomechanical modeling of neck flexion for deformable alignment of the salivary glands in head and neck cancer images. Physics in Medicine and Biology, 2019, 64, 175018.	3.0	0
82	Longitudinal and Dose Dependent Analysis on White Matter Injury in Glioblastoma Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, S231.	0.8	2
83	Quality Assessment of Commercially Available MRI-CT Deformable and Rigid Registration Algorithms. International Journal of Radiation Oncology Biology Physics, 2019, 105, E692-E693.	0.8	1
84	PV-0202 3-D reconstruction of radiotherapy dose associated with advanced osteoradionecrosis after IMRT. Radiotherapy and Oncology, 2019, 133, S105-S106.	0.6	0
85	EP-2021 Commissioning and clinical implementation of dose accumulation and adaptive radiotherapy. Radiotherapy and Oncology, 2019, 133, S1108.	0.6	0
86	Patterns of Failure after Definitive Reirradiation for Patients with Head and Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, E380-E381.	0.8	1
87	The Role of Immunotherapy in Nasopharyngeal Carcinoma in the Future: Evidence from the Era of Conventional Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, E437.	0.8	1
88	Early Evaluation of Radiation-induced White Matter Injury Following High Dose Fractionated Radiation Therapy in Patients with Glioblastoma Using Serial Diffusion Tensor Imaging (DTI). International Journal of Radiation Oncology Biology Physics, 2019, 103, E28.	0.8	0
89	Prospective Observational Registry Cohort Evaluation of Oral Stents as Method to Reduce Long-term Radiation-induced Toxicity in Oropharyngeal Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2019, 105, E598-E599.	0.8	0
90	A Predictive model of radiation-related fibrosis based on radiomic features of Magnetic Resonance Imaging. International Journal of Radiation Oncology Biology Physics, 2019, 105, E599.	0.8	3

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91	Cohort-Based Spatial Similarity Can Predict Radiotherapy Dose Distribution. International Journal of Radiation Oncology Biology Physics, 2019, 105, E416-E417.	0.8	1
92	Correlating Toxicity Outcomes with Spatial Patterns of Lymph Node Metastasis for Oropharyngeal Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2019, 105, E417.	0.8	0
93	Tobacco Exposure As a Major Modifier of Oncologic Outcomes in Human Papillomavirus Mediated Oropharyngeal Squamous Cell Carcinoma. International Journal of Radiation Oncology Biology Physics, 2019, 105, E417-E418.	0.8	0
94	Impact of Human Papillomavirus Infection And Tobacco Exposure On Oropharyngeal Squamous Cell Carcinoma Biology From A Radiomics Perspective. International Journal of Radiation Oncology Biology Physics, 2019, 105, E362.	0.8	0
95	Implementation of a Delineation Guideline for Dorsal Tongue Mucosa and ROI-specific Analysis of Dose-related Dysgeusia. International Journal of Radiation Oncology Biology Physics, 2019, 105, E798-E799.	0.8	0
96	Evaluation of Serial Diffusion Tensor Imaging to Reveal Subclinical Tumor Prior to Detection on Anatomical Imaging in Patients with Glioblastoma. International Journal of Radiation Oncology Biology Physics, 2019, 105, S230.	0.8	0
97	Radiation Associated Brain Necrosis following Proton Therapy for Head and Neck Skull Base and Intracranial Tumors. International Journal of Radiation Oncology Biology Physics, 2019, 105, S5-S6.	0.8	5
98	Prospective Observational Evaluation of Radiation-induced Patient-reported Late Dysgeusia Kinetics in Oropharyngeal Cancer Patients: Potential for Improvement over Time?. International Journal of Radiation Oncology Biology Physics, 2019, 105, S20-S21.	0.8	0
99	The Impact of Medicaid Insurance on Treatment and Outcomes in Limited-Stage Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, E549.	0.8	0
100	Dysphagia After Primary Transoral Robotic Surgery With Neck Dissection vs Nonsurgical Therapy in Patients With Low- to Intermediate-Risk Oropharyngeal Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 1053.	2.2	51
101	Risk of second primary malignancies in head and neck cancer patients treated with definitive radiotherapy. Npj Precision Oncology, 2019, 3, 22.	5.4	31
102	EP-1204 Quantitative signal intensity kinetics of normal tissues of the head and neck on the MR-Linac.. Radiotherapy and Oncology, 2019, 133, S667-S668.	0.6	0
103	Sea level changes and vertical land motion from altimetry and tide gauges in the Southern Levantine Basin. Journal of Geodynamics, 2019, 128, 1-10.	1.6	13
104	Volumetric assessment of apparent diffusion coefficient predicts outcome following chemoradiation for cervical cancer. Radiotherapy and Oncology, 2019, 135, 58-64.	0.6	8
105	An in-silico quality assurance study of contouring target volumes in thoracic tumors within a cooperative group setting. Clinical and Translational Radiation Oncology, 2019, 15, 83-92.	1.7	4
106	A PET Radiomics Model to Predict Refractory Mediastinal Hodgkin Lymphoma. Scientific Reports, 2019, 9, 1322.	3.3	62
107	Usefulness of surveillance imaging in patients with head and neck cancer who are treated with definitive radiotherapy. Cancer, 2019, 125, 1823-1829.	4.1	28
108	PD01.20 Medicaid Outcome Inequalities in Small Cell Lung Cancer. Journal of Thoracic Oncology, 2019, 14, S1140.	1.1	0

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109	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. JCO Clinical Cancer Informatics, 2019, 3, 1-9.	2.1	43
110	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. Radiotherapy and Oncology, 2019, 130, 46-55.	0.6	14
111	Fatigue following radiation therapy in nasopharyngeal cancer survivors: A dosimetric analysis incorporating patient report and observer rating. Radiotherapy and Oncology, 2019, 133, 35-42.	0.6	16
112	Radiographic retropharyngeal lymph node involvement in HPV-associated oropharyngeal carcinoma: Patterns of involvement and impact on patient outcomes. Cancer, 2019, 125, 1536-1546.	4.1	19
113	Single-item discrimination of quality-of-life-altering dysphagia among 714 long-term oropharyngeal cancer survivors: Comparison of patient-reported outcome measures of swallowing. Cancer, 2019, 125, 1654-1664.	4.1	21
114	Precision Risk Analysis of Cancer Therapy with Interactive Nomograms and Survival Plots. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 1732-1745.	4.4	26
115	Evaluation of Pre- and Post-IMRT FDG-PET SUV Values for the Prediction of Tumor Control In HPV-Positive Oropharyngeal Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1361.	0.8	0
116	Dynamic contrast-enhanced magnetic resonance imaging for head and neck cancers. Scientific Data, 2018, 5, 180008.	5.3	10
117	Investigation of radiomic signatures for local recurrence using primary tumor texture analysis in oropharyngeal head and neck cancer patients. Scientific Reports, 2018, 8, 1524.	3.3	95
118	Outcomes of patients diagnosed with carcinoma metastatic to the neck from an unknown primary source and treated with intensity-modulated radiation therapy. Cancer, 2018, 124, 1415-1427.	4.1	18
119	Barriers to Combined-Modality Therapy for Limited-Stage Small Cell Lung Cancer. JAMA Oncology, 2018, 4, e174504.	7.1	46
120	CT-Based Nodal Radiomic Biomarkers Predictive of Patient Outcome in Head and Neck Squamous Cell Carcinoma. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1360.	0.8	0
121	Deep Learning Algorithm for Auto-Delineation of High-Risk Oropharyngeal Clinical Target Volumes With Built-In Dice Similarity Coefficient Parameter Optimization Function. International Journal of Radiation Oncology Biology Physics, 2018, 101, 468-478.	0.8	118
122	Three-dimensional imaging assessment of anatomic invasion and volumetric considerations for chemo/radiotherapy-based laryngeal preservation in T3 larynx cancer. Oral Oncology, 2018, 79, 1-8.	1.5	6
123	Patient reported dry mouth: Instrument comparison and model performance for correlation with quality of life in head and neck cancer survivors. Radiotherapy and Oncology, 2018, 126, 75-80.	0.6	19
124	Investigating Semi-Quantitative In Vivo Spatial and Dosimetric Analytical Algorithms to Report GBM Patterns of Failures Following Chemoradiation in the IMRT Era. International Journal of Radiation Oncology Biology Physics, 2018, 102, e241.	0.8	0
125	FDG-PET Imaging-derived Radiomics Correlates of Human Papillomavirus Status: Connecting the Dots in the Oropharyngeal Cancer Biology, Metabolism, and Imaging Interplay. International Journal of Radiation Oncology Biology Physics, 2018, 102, e262.	0.8	2
126	Diffusion-Weighted MRI As an Early Biomarker of Xerostomia in Oropharyngeal Cancer Patients Treated with Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 102, e214-e215.	0.8	3

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127	Radiation-Induced White Matter Injury Following Radiation Therapy in Glioblastoma Patients. International Journal of Radiation Oncology Biology Physics, 2018, 102, e216.	0.8	0
128	Dose-Volume Correlates of Patient-Reported Trismus in Long-Term Oropharyngeal Cancer Survivors after IMRT. International Journal of Radiation Oncology Biology Physics, 2018, 102, S218.	0.8	0
129	Serial Hydration Monitoring Using Bioelectrical Impedance in Head and Neck Cancer Patients Undergoing Radiation Therapy: An Early Predictor of Feeding Tube Placement. International Journal of Radiation Oncology Biology Physics, 2018, 102, e243.	0.8	0
130	Radiomics Prediction of Radiation Treatment Outcomes in Oropharyngeal Cancer: A Clinical and Image Repository in Concert with the Cancer Imaging Archive (TCIA). International Journal of Radiation Oncology Biology Physics, 2018, 102, e215-e216.	0.8	1
131	Evaluating the Effect of Right-Censored End Point Transformation for Radiomic Feature Selection of Data From Patients With Oropharyngeal Cancer. JCO Clinical Cancer Informatics, 2018, 2, 1-19.	2.1	18
132	Second Primary Malignancies in Head and Neck Cancer Patients Treated With Definitive Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1352.	0.8	0
133	Retropharyngeal Lymph Node Involvement in Human Papillomavirus (HPV)-Associated Oropharyngeal Cancer (OPC). International Journal of Radiation Oncology Biology Physics, 2018, 102, S198-S199.	0.8	0
134	Patient-Reported Dry Mouth after Radiation Therapy for Head and Neck Cancer: Dosimetric Analysis of Long-Term Outcomes. International Journal of Radiation Oncology Biology Physics, 2018, 102, e748.	0.8	0
135	Fatigue Following Radiation Therapy in Nasopharyngeal Cancer Survivors: A Dosimetric Analysis Incorporating Patient Report and Observer Rating. International Journal of Radiation Oncology Biology Physics, 2018, 102, e749-e750.	0.8	0
136	Impact of Treatment Duration on the Outcomes of Patients With Locally Advanced Head and Neck Cancer Undergoing Surgery and Postoperative Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1333.	0.8	0
137	Biomechanical Model-Based Deformable Image Registration for Modeling Neck Flexion in Head and Neck Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2018, 102, e538-e539.	0.8	0
138	Cost of Surveillance Imaging in Head and Neck Cancer Patients Treated With Definitive Radiation therapy. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1387-1388.	0.8	0
139	Radiation Therapy Dose-Volume Correlates Predict Videofluoroscopy-Detected Dysphagia Per DIGEST after IMRT for Oropharyngeal Carcinoma: Results of a Prospective Registry. International Journal of Radiation Oncology Biology Physics, 2018, 102, S198.	0.8	0
140	Patient-Reported Outcome Measures of Long-Term Swallowing Function after Oropharyngeal Radiation Therapy: A Cross-Sectional Methods Comparison. International Journal of Radiation Oncology Biology Physics, 2018, 102, e221-e222.	0.8	0
141	The Difference Between Planned and Delivered Dose for Head and Neck Cancer, and the Consequences for Normal Tissue Toxicity Probability. International Journal of Radiation Oncology Biology Physics, 2018, 102, e224-e225.	0.8	0
142	Lymphopenia During Radiation Therapy In Patients with Oropharyngeal Cancer: Does It Affect Survival Outcomes?. International Journal of Radiation Oncology Biology Physics, 2018, 102, e309.	0.8	0
143	Interobserver Variation in the International MRI Linear Accelerator Oropharyngeal Carcinoma Delineation Study. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1362.	0.8	2
144	Auto-delineation of oropharyngeal clinical target volumes using 3D convolutional neural networks. Physics in Medicine and Biology, 2018, 63, 215026.	3.0	51

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145	Development of Temporal Dose-Weighted Positron Emission Tomography Metabolic Imaging Biomarkers (PET MIBs) of Radiation-Related Parotid Glands Injury in Oropharyngeal Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2018, 102, e240-e241.	0.8	2
146	A Method for Analyzing and Reporting Patterns of In-Field Recurrence after Definitive Concurrent Chemoradiation in Locally Advanced Non-Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2018, 102, e698-e699.	0.8	1
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