Houda Bahig

List of Publications by Year
in descending order

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60 papers	989 citations	394421 19 h-index	501196 28 g-index
63 all docs	63 docs citations	63 times ranked	1759 citing authors

#	Article	IF	Citations
1	Severe radiation pneumonitis after lung stereotactic ablative radiation therapy in patients with interstitial lung disease. Practical Radiation Oncology, 2016, 6, 367-374.	2.1	82
2	Predictive Parameters of CyberKnife Fiducial-less (XSight Lung) Applicability for Treatment of Early Non-Small Cell Lung Cancer: A Single-Center Experience. International Journal of Radiation Oncology Biology Physics, 2013, 87, 583-589.	0.8	73
3	Neutrophil count is associated with survival in localized prostate cancer. BMC Cancer, 2015, 15, 594.	2.6	49
4	Treatment de-escalation for HPV-associated oropharyngeal squamous cell carcinoma with radiotherapy vs. trans-oral surgery (ORATOR2): study protocol for a randomized phase II trial. BMC Cancer, 2020, 20, 125.	2.6	49
5	Durvalumab therapy following chemoradiation compared with a historical cohort treated with chemoradiation alone in patients with stage III nonâ€“small cell lung cancer: A real-world multicentre study. European Journal of Cancer, 2021, 142, 83-91.	2.8	48
6	Phase I/II trial of Durvalumab plus Tremelimumab and stereotactic body radiotherapy for metastatic head and neck carcinoma. BMC Cancer, 2019, 19, 68.	2.6	44
7	Dual-energy computed tomography for prediction of loco-regional recurrence after radiotherapy in larynx and hypopharynx squamous cell carcinoma. European Journal of Radiology, 2019, 110, 1-6.	2.6	41
8	Agreement Among RTOG Sarcoma Radiation Oncologists in Contouring Suspicious Peritumoral Edema for Preoperative Radiation Therapy of Soft Tissue Sarcoma of the Extremity. International Journal of Radiation Oncology Biology Physics, 2013, 86, 298-303.	0.8	33
9	Risk of second primary malignancies in head and neck cancer patients treated with definitive radiotherapy. Npj Precision Oncology, 2019, 3, 22.	5.4	31
10	Predictive factors of survival and treatment tolerance in older patients treated with chemotherapy and radiotherapy for locally advanced head and neck cancer. Oral Oncology, 2015, 51, 521-528.	1.5	29
11	Excellent Cancer Outcomes Following Patient-adapted Robotic Lung SBRT But a Case for Caution in Idiopathic Pulmonary Fibrosis. Technology in Cancer Research and Treatment, 2015, 14, 667-676.	1.9	28
12	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
13	Prospective in silico study of the feasibility and dosimetric advantages of MRI-guided dose adaptation for human papillomavirus positive oropharyngeal cancer patients compared with standard IMRT. Clinical and Translational Radiation Oncology, 2018, 11, 11-18.	1.7	27
14	A Study of Pseudoprogression After Spine Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 96, 848-856.	0.8	26
15	Radiomics feature stability of open-source software evaluated on apparent diffusion coefficient maps in head and neck cancer. Scientific Reports, 2021, 11, 17633.	3.3	25
16	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
17	Predicting 5-Year Progression and Survival Outcomes for Early Stage Non-small Cell Lung Cancer Treated with Stereotactic Ablative Radiation Therapy: Development and Validation of Robust Prognostic Nomograms. International Journal of Radiation Oncology Biology Physics, 2020, 106, 90-99.	0.8	24
18	Twitter. American Journal of Clinical Oncology: Cancer Clinical Trials, 2020, 43, 442-445.	1.3	24

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19	Phase 1-2 Study of Dual-Energy Computed Tomography for Assessment of Pulmonary Function in Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2017, 99, 334-343.	0.8	20
20	Assessment of precision irradiation in early non-small cell lung cancer and interstitial lung disease (ASPIRE-ILD): study protocol for a phase II trial. BMC Cancer, 2019, 19, 1206.	2.6	20
21	Long-term quality of life in early-stage non-small cell lung cancer patients treated with robotic stereotactic ablative radiation therapy. Practical Radiation Oncology, 2015, 5, e365-e373.	2.1	18
22	Lymphopenia during radiotherapy in patients with oropharyngeal cancer. Radiotherapy and Oncology, 2020, 145, 95-100.	0.6	18
23	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. International Journal of Radiation Oncology Biology Physics, 2022, 113, 426-436.	0.8	18
24	Prognostic significance of pre-treatment neutrophil-to-lymphocyte ratio (NLR) in patients with oropharyngeal cancer treated with radiotherapy. British Journal of Cancer, 2021, 124, 628-633.	6.4	17
25	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 â€˜liquid biopsyâ€™ and quantitative tumor modeling. BMC Cancer, 2018, 18, 903.	2.6	14
26	In a Heartbeat: An Assessment of Dynamic Dose Variation to Cardiac Structures Using Dual Source Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2018, 102, 950-959.	0.8	13
27	Reproducibility of Lobar Perfusion and Ventilation Quantification Using SPECT/CT Segmentation Software in Lung Cancer Patients. Journal of Nuclear Medicine Technology, 2017, 45, 185-192.	0.8	12
28	Comparing local control and distant metastasis in NSCLC patients between CyberKnife and conventional SBRT. Radiotherapy and Oncology, 2020, 144, 201-208.	0.6	12
29	Surgery versus SABR for early stage non-small cell lung cancer: the moving target of equipoise. Journal of Thoracic Disease, 2017, 9, 953-956.	1.4	11
30	Pathologic response after modern radiotherapy for non-small cell lung cancer. Translational Lung Cancer Research, 2019, 8, S124-S134.	2.8	9
31	Comparison of tumor delineation using dual energy computed tomography versus magnetic resonance imaging in head and neck cancer re-irradiation cases. Physics and Imaging in Radiation Oncology, 2020, 14, 1-5.	2.9	9
32	Automated Detection of Brain Metastases on <scp>T1</scp>â€Weighted <scp>MRI</scp> Using a Convolutional Neural Network: Impact of Volume Aware Loss and Sampling Strategy. Journal of Magnetic Resonance Imaging, 2022, 56, 1885-1898.	3.4	9
33	Larynx motion considerations in partial larynx volumetric modulated arc therapy for early glottic cancer. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 666-673.	1.8	8
34	Surveillance imaging for patients with head and neck cancer treated with definitive radiotherapy: A partially observed Markov decision process model. Cancer, 2020, 126, 749-756.	4.1	8
35	Patient Outcomes after Reirradiation of Small Skull Base Tumors using Stereotactic Body Radiotherapy, Intensity Modulated Radiotherapy, or Proton Therapy. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 638-644.	0.8	7
36	Longitudinal characterization of the tumoral microbiome during radiotherapy in HPV-associated oropharynx cancer. Clinical and Translational Radiation Oncology, 2021, 26, 98-103.	1.7	7

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37	Vocal-cord Only vs. Complete Laryngeal radiation (VOCAL): a randomized multicentric Bayesian phase II trial. BMC Cancer, 2021, 21, 446.	2.6	7
38	A dosimetric parameter to limit chest wall toxicity in SABR of NSCLC. British Journal of Radiology, 2017, 90, 20170196.	2.2	6
39	A Combination of Testosterone and White Blood Cell Count as a Predictive Factor of Overall Survival in Localized Prostate Cancer. Targeted Oncology, 2017, 12, 695-701.	3.6	6
40	Phase II study of deâ€intensified intensityâ€modulated radiotherapy and concurrent carboplatin/5â€fluorouracil in lateralized p16â€associated oropharyngeal carcinoma. Head and Neck, 2020, 42, 3479-3489.	2.0	6
41	Assessing the Need for Adjuvant Chemotherapy After Stereotactic Body Radiation Therapy in Early-stage Non-small Cell Lung Carcinoma. Cureus, 2016, 8, e901.	0.5	6
42	Cardiac Sparing with Personalized Treatment Planning for Early-stage Left Breast Cancer. Cureus, 2020, 12, e7247.	0.5	5
43	Automatic registration of 2D MR cine images for swallowing motion estimation. PLoS ONE, 2020, 15, e0228652.	2.5	4
44	Analysis of Pulmonary Vein Antrums Motion with Cardiac Contraction Using Dual-Source Computed Tomography. Cureus, 2016, 8, e712.	0.5	4
45	Stereotactic Ablative Radiotherapy for oligo-progressive disease refractory to systemic therapy in Non-Small Cell Lung Cancer: A registry-based phase II randomized trial (SUPPRESS-NSCLC). Clinical and Translational Radiation Oncology, 2022, 33, 115-119.	1.7	4
46	The current and future landscape of radiotherapy for lung cancer. Translational Lung Cancer Research, 2019, 8, S122-S123.	2.8	3
47	A prospective evaluation of healthâ€related quality of life after skull base reâ€irradiation. Head and Neck, 2020, 42, 485-497.	2.0	3
48	Risk stratification after recurrence of human papillomavirus (HPV) â€related and nonâ€HPV â€related oropharyngeal cancer: A secondary analysis of NRG Oncology RTOG 0129 and 0522. Head and Neck, 2021, 44, 158.	2.0	3
49	A Portrait of Current Radiation Oncology Twitter Influencers. Cureus, 2020, 12, e10838.	0.5	3
50	Primary Cutaneous B-Cell Lymphoma in Young Monozygotic Twins. Journal of Cutaneous Medicine and Surgery, 2016, 20, 582-585.	1.2	2
51	The impacts of midâ€treatment <scp>CBCT</scp>â€guided patient repositioning on target coverage during lung <scp>VMAT</scp>. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 543-549.	1.8	2
52	Systemic Inflammatory Markers Are Predictive of the Response to Brachytherapy in the Prostate. Cells, 2020, 9, 2153.	4.1	2
53	Preservation of swallowing in resected oral cavity squamous cell carcinoma: examining radiation volume effects (PRESERVE): study protocol for a randomized phase II trial. Radiation Oncology, 2020, 15, 196.	2.7	2
54	Pre-irradiation dental care: Ready-to-use templates for oropharyngeal cancers. Reports of Practical Oncology and Radiotherapy, 2018, 23, 270-275.	0.6	1

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55	Central3D: A Computer Tool to Help Clinicians Differentiate Central and Peripheral Lung Tumors. Practical Radiation Oncology, 2019, 9, e98-e102.	2.1	1
56	Conventionally fractionated large volume head and neck re-irradiation using multileaf collimator-based robotic technique: A feasibility study. Clinical and Translational Radiation Oncology, 2020, 24, 102-110.	1.7	1
57	Accuracy of Breath-hold CT in Treatment Planning for Lung Stereotactic Ablative Radiotherapy. Cureus, 2014, 6, e236.	0.5	1
58	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
59	Large-scale dosimetric assessment of Monte Carlo recalculated doses for lung robotic stereotactic body radiation therapy.. Physica Medica, 2020, 76, 7-15.	0.7	0
60	The rs6942067 genotype is associated with a worse overall survival in young or non-smoking HPV-negative patients with positive nodal status in head and neck squamous cell carcinoma. Oral Oncology, 2022, 125, 105696.	1.5	0