William A Hal

List of Publications by Citations

91 papers	1,345 citations	23 h-index	33 g-index
102 ext. papers	2,035 ext. citations	5.8 avg, IF	4.58 L-index

#	Paper	IF	Citations
91	2555 Predictive cytological topography (PiCT): A radiopathomics approach to mapping prostate cancer. *Journal of Clinical and Translational Science*, **2018**, 2, 23-24	0.4	78
90	Accuracy of computed tomography for predicting pathologic nodal extracapsular extension in patients with head-and-neck cancer undergoing initial surgical resection. *International Journal of Radiation Oncology Biology Physics*, **2014**, 88, 122-9	4	77
89	Outcomes for patients with locally advanced pancreatic adenocarcinoma treated with stereotactic body radiation therapy versus conventionally fractionated radiation. *Cancer*, **2017**, 123, 3486-3493	6.4	73
88	Radiation Therapy for Pancreatic Cancer: Executive Summary of an ASTRO Clinical Practice Guideline. *Practical Radiation Oncology*, **2019**, 9, 322-332	2.8	66
87	The transformation of radiation oncology using real-time magnetic resonance guidance: A review. *European Journal of Cancer*, **2019**, 122, 42-52	7.5	66
86	Lymph node ratio influence on risk of head and neck cancer locoregional recurrence after initial surgical resection: implications for adjuvant therapy. *Head and Neck*, **2015**, 37, 777-82	4.2	47
85	Assessment of treatment response during chemoradiation therapy for pancreatic cancer based on quantitative radiomic analysis of daily CTs: An exploratory study. *PLoS ONE*, **2017**, 12, e0178961	3.7	41
84	A machine learning based delta-radiomics process for early prediction of treatment response of pancreatic cancer. *Npj Precision Oncology*, **2019**, 3, 25	9.8	40
83	A Phase II Clinical Trial of Molecular Profiled Neoadjuvant Therapy for Localized Pancreatic Ductal Adenocarcinoma. *Annals of Surgery*, **2018**, 268, 610-619	7.8	38
82	Locally advanced pancreas cancer: Staging and goals of therapy. *Surgery*, **2018**, 163, 1053-1062	3.6	36
81	Rectal cancer patients younger than 50 years lack a survival benefit from NCCN guideline-directed treatment for stage II and III disease. *Cancer*, **2018**, 124, 3510-3519	6.4	32
80	The MOMENTUM Study: An International Registry for the Evidence-Based Introduction of MR-Guided Adaptive Therapy. *Frontiers in Oncology*, **2020**, 10, 1328	5.3	32
79	NRG Oncology Updated International Consensus Atlas on Pelvic Lymph Node Volumes for Intact and Postoperative Prostate Cancer. *International Journal of Radiation Oncology Biology Physics*, **2021**, 109, 174-185	4	31
78	Radio-pathomic Maps of Epithelium and Lumen Density Predict the Location of High-Grade Prostate Cancer. *International Journal of Radiation Oncology Biology Physics*, **2018**, 101, 1179-1187	4	30
77	CHD7 expression predicts survival outcomes in patients with resected pancreatic cancer. *Cancer Research*, **2014**, 74, 2677-87	10.1	30
76	Precision Oncology and Genomically Guided Radiation Therapy: A Report From the American Society for Radiation Oncology/American Association of Physicists in Medicine/National Cancer Institute Precision Medicine Conference. *International Journal of Radiation Oncology Biology Physics*, **2018**, 101, 274-284	4	29
75	The association between C-reactive protein (CRP) level and biochemical failure-free survival in patients after radiation therapy for nonmetastatic adenocarcinoma of the prostate. *Cancer*, **2013**, 119, 3272-9	6.4	28

74	Survival of patients with borderline resectable pancreatic cancer who received neoadjuvant therapy and surgery. *Surgery*, **2019**, 166, 277-285	3.6	26
73	Tumor size on abdominal MRI versus pathologic specimen in resected pancreatic adenocarcinoma: implications for radiation treatment planning. *International Journal of Radiation Oncology Biology Physics*, **2013**, 86, 102-7	4	26
72	Initial clinical experience of Stereotactic Body Radiation Therapy (SBRT) for liver metastases, primary liver malignancy, and pancreatic cancer with 4D-MRI based online adaptation and real-time MRI monitoring using a 1.5 Tesla MR-Linac. *PLoS ONE*, **2020**, 15, e0236570	3.7	26
71	Association of Presalvage Radiotherapy PSA Levels After Prostatectomy With Outcomes of Long-term Antiandrogen Therapy in Men With Prostate Cancer. *JAMA Oncology*, **2020**, 6, 735-743	13.4	23
70	Correlation of ADC With Pathological Treatment Response for Radiation Therapy of Pancreatic Cancer. *Translational Oncology*, **2018**, 11, 391-398	4.9	23
69	Stereotactic body radiosurgery for spinal metastatic disease: an evidence-based review. *International Journal of Surgical Oncology*, **2011**, 2011, 979214	0.9	23
68	4D-MRI driven MR-guided online adaptive radiotherapy for abdominal stereotactic body radiation therapy on a high field MR-Linac: Implementation and initial clinical experience. *Clinical and Translational Radiation Oncology*, **2020**, 23, 72-79	4.6	22
67	Auto-segmentation of pancreatic tumor in multi-parametric MRI using deep convolutional neural networks. *Radiotherapy and Oncology*, **2020**, 145, 193-200	5.3	22
66	Dose-Escalated Radiation Therapy for Pancreatic Cancer: A Simultaneous Integrated Boost Approach. *Practical Radiation Oncology*, **2020**, 10, e495-e507	2.8	20
65	Radiation therapy for pancreatic adenocarcinoma, a treatment option that must be considered in the management of a devastating malignancy. *Radiation Oncology*, **2019**, 14, 114	4.2	20
64	Optimized -value selection for the discrimination of prostate cancer grades, including the cribriform pattern, using diffusion weighted imaging. *Journal of Medical Imaging*, **2018**, 5, 011004	2.6	20
63	ADC measurements on the Unity MR-linac - A recommendation on behalf of the Elekta Unity MR-linac consortium. *Radiotherapy and Oncology*, **2020**, 153, 106-113	5.3	20
62	Improving Treatment Response Prediction for Chemoradiation Therapy of Pancreatic Cancer Using a Combination of Delta-Radiomics and the Clinical Biomarker CA19-9. *Frontiers in Oncology*, **2019**, 9, 1464	5.3	18
61	Quality of Life in Patients With Low-Risk Prostate Cancer Treated With Hypofractionated vs Conventional Radiotherapy: A Phase 3 Randomized Clinical Trial. *JAMA Oncology*, **2019**, 5, 664-670	13.4	17
60	PET-based Treatment Response Assessment for Neoadjuvant Chemoradiation in Pancreatic Adenocarcinoma: An Exploratory Study. *Translational Oncology*, **2018**, 11, 1104-1109	4.9	14
59	Treatment efficiency of volumetric modulated arc therapy in comparison with intensity-modulated radiotherapy in the treatment of prostate cancer. *Journal of the American College of Radiology*, **2013**, 10, 128-34	3.5	14
58	Considering benefit and risk before routinely recommending SpaceOAR. *Lancet Oncology, The*, **2021**, 22, 11-13	21.7	14
57	Prognostic Value of Clinical vs Pathologic Stage in Rectal Cancer Patients Receiving Neoadjuvant Therapy. *Journal of the National Cancer Institute*, **2018**, 110, 460-466	9.7	13

56	Pancreatic gross tumor volume contouring on computed tomography (CT) compared with magnetic resonance imaging (MRI): Results of an international contouring conference. *Practical Radiation Oncology*, **2018**, 8, 107-115	2.8	12
55	The influence of adjuvant radiotherapy dose on overall survival in patients with resected pancreatic adenocarcinoma. *Cancer*, **2013**, 119, 2350-7	6.4	12
54	Variations of MRI-assessed peristaltic motions during radiation therapy. *PLoS ONE*, **2018**, 13, e0205917	3.7	12
53	Impact of Neoadjuvant Chemoradiation on Pathologic Response in Patients With Localized Pancreatic Cancer. *Frontiers in Oncology*, **2020**, 10, 460	5.3	11
52	Adaptive radiation dose escalation in rectal adenocarcinoma: a review. *Journal of Gastrointestinal Oncology*, **2017**, 8, 902-914	2.8	11
51	Comparing central nervous system (CNS) and extra-CNS hemangiopericytomas in the Surveillance, Epidemiology, and End Results program: analysis of 655 patients and review of current literature. *Cancer*, **2012**, 118, 5331-8	6.4	11
50	TNFRSF10C copy number variation is associated with metastatic colorectal cancer. *Journal of Gastrointestinal Oncology*, **2016**, 7, 306-14	2.8	11
49	The influence of radiation therapy dose escalation on overall survival in unresectable pancreatic adenocarcinoma. *Journal of Gastrointestinal Oncology*, **2014**, 5, 77-85	2.8	9
48	MRI-Based Upper Abdominal Organs-at-Risk Atlas for Radiation Oncology. *International Journal of Radiation Oncology Biology Physics*, **2020**, 106, 743-753	4	8
47	Reduced acute toxicity associated with the use of volumetric modulated arc therapy for the treatment of adenocarcinoma of the prostate. *Practical Radiation Oncology*, **2013**, 3, e157-64	2.8	8
46	Imaging predictors of treatment outcomes in rectal cancer: An overview. *Critical Reviews in Oncology/Hematology*, **2018**, 129, 153-162	7	8
45	Current Predictive Indices and Nomograms To Enable Personalization of Radiation Therapy for Patients With Secondary Malignant Neoplasms of the Central Nervous System: A Review. *Neurosurgery*, **2018**, 82, 595-603	3.2	7
44	Biomarkers of Outcome in Patients With Localized Prostate Cancer Treated With Radiotherapy. *Seminars in Radiation Oncology*, **2017**, 27, 11-20	5.5	7
43	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. *International Journal of Radiation Oncology Biology Physics*, **2021**, 111, 867-875	4	7
42	Influence of Residual Disease Following Surgical Resection in Newly Diagnosed Glioblastoma on Clinical, Neurocognitive, and Patient Reported Outcomes. *Neurosurgery*, **2019**, 84, 66-76	3.2	7
41	A Patient-Specific Autosegmentation Strategy Using Multi-Input Deformable Image Registration for Magnetic Resonance Imaging-Guided Online Adaptive Radiation Therapy: A Feasibility Study. *Advances in Radiation Oncology*, **2020**, 5, 1350-1358	3.3	6
40	Similar survival for patients undergoing reduced-intensity total body irradiation (TBI) versus myeloablative TBI as conditioning for allogeneic transplant in acute leukemia. *International Journal of Radiation Oncology Biology Physics*, **2014**, 89, 360-9	4	6
39	Magnetic Resonance Guided Radiation Therapy for Pancreatic Adenocarcinoma, Advantages, Challenges, Current Approaches, and Future Directions. *Frontiers in Oncology*, **2021**, 11, 628155	5.3	6

38	Adjuvant therapy rates and overall survival in patients with localized pancreatic cancer from high Area Deprivation Index neighborhoods. *American Journal of Surgery*, **2021**, 222, 10-17	2.7	6
37	Total Neoadjuvant Therapy for Operable Pancreatic Cancer. *Annals of Surgical Oncology*, **2021**, 28, 2246-2256	3.2	6
36	Serial T2-Weighted Magnetic Resonance Images Acquired on a 1.5 Tesla Magnetic Resonance Linear Accelerator Reveal Radiomic Feature Variation in Organs at Risk: An Exploratory Analysis of Novel Metrics of Tissue Response in Prostate Cancer. *Cureus*, **2019**, 11, e4510	1.2	5
35	Cytokines, JAK-STAT Signaling and Radiation-Induced DNA Repair in Solid Tumors: Novel Opportunities for Radiation Therapy. *International Journal of Biochemistry and Cell Biology*, **2020**, 127, 105827	5.6	4
34	The role of imaging in the clinical practice of radiation oncology for pancreatic cancer. *Abdominal Radiology*, **2018**, 43, 393-403	3	4
33	Value of Neoadjuvant Radiation Therapy in the Management of Pancreatic Adenocarcinoma. *Journal of Clinical Oncology*, **2021**, 39, 3773-3777	2.2	3
32	Role of Molecular Profiling of Pancreatic Cancer After Neoadjuvant Therapy: Does it Change Practice?. *Journal of Gastrointestinal Surgery*, **2020**, 24, 235-242	3.3	3
31	Gleason pattern 5 is associated with an increased risk for metastasis following androgen deprivation therapy and radiation: An analysis of RTOG 9202 and 9902. *Radiotherapy and Oncology*, **2019**, 141, 137-143	5.3	2
30	Radiotherapy patterns of care in gastric adenocarcinoma: a single institution experience. *Journal of Gastrointestinal Oncology*, **2015**, 6, 247-53	2.8	2
29	Magnetic resonance linear accelerator technology and adaptive radiation therapy: An overview for clinicians. *Ca-A Cancer Journal for Clinicians*, **2021**, 72, 34	220.7	2
28	The timing and design of stereotactic radiotherapy approaches as a part of neoadjuvant therapy in pancreatic cancer: Is it time for change?. *Clinical and Translational Radiation Oncology*, **2021**, 28, 124-128	4.6	2
27	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. *European Journal of Cancer*, **2021**, 153, 64-71	7.5	2
26	Online adaptive MR-guided stereotactic radiotherapy for unresectable malignancies in the upper abdomen using a 1.5T MR-linac. *Acta Oncologica*, **2021**, 1-5	3.2	2
25	Cholangiocarcinoma size on magnetic resonance imaging versus pathologic specimen: Implications for radiation treatment planning. *Practical Radiation Oncology*, **2016**, 6, 201-206	2.8	1
24	General and custom deep learning auto-segmentation models for organs in head and neck, abdomen, and male pelvis.. *Medical Physics*, **2022**,	4.4	1
23	Reconstructing the tumor microenvironment to unlock therapeutic options in pancreatic cancer.. *Journal of Clinical Oncology*, **2022**, 40, 589-589	2.2	1
22	Characterization of Underrepresented Populations in Modern Era Clinical Trials Involving Radiation Therapy. *Practical Radiation Oncology*, **2021**, 11, 453-459	2.8	1
21	Quality of Life Implications of Dose-Escalated External Beam Radiation for Localized Prostate Cancer: Results of a Prospective Randomized Phase 3 Clinical Trial, NRG/RTOG 0126.. *International Journal of Radiation Oncology Biology Physics*, **2022**, 112, 83-92	4	1

20	Detection of germline variants using expanded multigene panels in patients with localized pancreatic cancer. *Hpb*, **2020**, 22, 1745-1752	3.8	1
19	A preferred patient decubitus positioning for magnetic resonance image guided online adaptive radiation therapy of pancreatic cancer. *Physics and Imaging in Radiation Oncology*, **2019**, 12, 22-29	3.1	1
18	Long term clinical outcomes and associated predictors of progression free survival in anal canal cancer.. *Journal of Gastrointestinal Oncology*, **2022**, 13, 185-196	2.8	0
17	Updates and new directions in the use of radiation therapy for the treatment of pancreatic adenocarcinoma: dose, sensitization, and novel technology. *Cancer and Metastasis Reviews*, **2021**, 40, 879-889	9.6	0
16	Development and Validation of a Genomic Tool to Predict Seminal Vesicle Invasion in Adenocarcinoma of the Prostate.. *JCO Precision Oncology*, **2020**, 4, 1228-1238	3.6	0
15	Long-Term Outcomes of Dose-Escalated Pelvic Lymph Node Intensity-Modulated Radiation Therapy (IMRT) With a Simultaneous Hypofractionated Boost to the Prostate for Very High-Risk Adenocarcinoma of the Prostate: A Prospective Phase II Clinical Trial. *Practical Radiation Oncology*, **2021**, 11, 527-533	2.8	0
14	Early Comparative Toxicity Outcomes of Patients With Prostate Cancer Receiving Initial Cryotherapy and Radiotherapy Salvage. *Clinical Genitourinary Cancer*, **2021**, 19, 267-270.e1	3.3	0
13	Evolving Concepts Regarding Radiation Therapy for Pancreatic Cancer. *Surgical Oncology Clinics of North America*, **2021**, 30, 719-730	2.7	0
12	First multicentre experience of SABR for lymph node and liver oligometastatic disease on the unity MR-Linac.. *Technical Innovations and Patient Support in Radiation Oncology*, **2022**, 22, 50-54	1.9	0
11	Estimation of changing gross tumor volume from longitudinal CTs during radiation therapy delivery based on a texture analysis with classifier algorithms: a proof-of-concept study. *Quantitative Imaging in Medicine and Surgery*, **2019**, 9, 1189-1200	3.6	
10	Considerations Regarding the Role of Stereotactic Body Radiation Therapy for Pancreatic Adenocarcinoma in the Elderly. *Journal of Oncology Practice*, **2017**, 13, 171-172	3.1	
9	Should functional renal scans be obtained prior to upper abdominal IMRT for pancreatic cancer?. *Practical Radiation Oncology*, **2017**, 7, e449-e455	2.8	
8	Survival outcome and treatment response of patients with young-onset locally advanced rectal cancer (YO-LARC) receiving total neoadjuvant therapy (TNT).. *Journal of Clinical Oncology*, **2022**, 40, 44-44	2.2	
7	Comprehensive genomic profiling (CGP) of fibrolamellar oncocytic hepatoma (FLO) and conventional hepatocellular carcinomas (HCC): An observational study.. *Journal of Clinical Oncology*, **2022**, 40, 474-474	2.2	
6	A prospective observational study to determine the feasibility of tumor response assessment by circulating tumor DNA (ctDNA) in patients with locally advanced rectal cancer (LARC) undergoing total neoadjuvant therapy (TNT).. *Journal of Clinical Oncology*, **2022**, 40, TPS234-TPS234	2.2	
5	Targeted therapy (TT) in patients with KRAS wildtype (WT) pancreatic ductal adenocarcinoma (PDAC) produces durable response.. *Journal of Clinical Oncology*, **2022**, 40, 596-596	2.2	
4	Radiation therapy sequencing for resected pancreatic adenocarcinoma in the National Cancer Data Base: A multi-institutional comparative analysis.. *Journal of Clinical Oncology*, **2013**, 31, 305-305	2.2	
3	The management of adenocarcinoma of the prostate in rural Georgia: A population-based analysis.. *Journal of Clinical Oncology*, **2014**, 32, 273-273	2.2	

2	Cost-effectiveness analysis of universal germline testing for patients with pancreatic cancer. *Surgery*, **2021**, 169, 629-635	3.6
1	A single-arm, open-label, phase 2 study evaluating pacritinib for patients with biochemical recurrence after definitive treatment for prostate cancer: Blast study.. *Journal of Clinical Oncology*, **2022**, 40, TPS220-TPS220	2.2