

# William A Hal

## List of Publications by Year in Descending Order

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

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	Long term clinical outcomes and associated predictors of progression free survival in anal canal cancer.. <i>Journal of Gastrointestinal Oncology</i> , <b>2022</b> , 13, 185-196	2.8	0
90	General and custom deep learning auto-segmentation models for organs in head and neck, abdomen, and male pelvis.. <i>Medical Physics</i> , <b>2022</b> ,	4.4	1
89	Reconstructing the tumor microenvironment to unlock therapeutic options in pancreatic cancer.. <i>Journal of Clinical Oncology</i> , <b>2022</b> , 40, 589-589	2.2	1
88	Survival outcome and treatment response of patients with young-onset locally advanced rectal cancer (YO-LARC) receiving total neoadjuvant therapy (TNT).. <i>Journal of Clinical Oncology</i> , <b>2022</b> , 40, 44-44 <sup>2</sup>	2.2	2
87	Comprehensive genomic profiling (CGP) of fibrolamellar oncocytic hepatoma (FLO) and conventional hepatocellular carcinomas (HCC): An observational study.. <i>Journal of Clinical Oncology</i> , <b>2022</b> , 40, 474-474	2.2	
86	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).. <i>Journal of Clinical Oncology</i> , <b>2022</b> , 40, TPS234-TPS234	2.2	
85	Targeted therapy (TT) in patients with KRAS wildtype (WT) pancreatic ductal adenocarcinoma (PDAC) produces durable response.. <i>Journal of Clinical Oncology</i> , <b>2022</b> , 40, 596-596	2.2	
84	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.. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2022</b> , 112, 83-92	4	1
83	A single-arm, open-label, phase 2 study evaluating pacritinib for patients with biochemical recurrence after definitive treatment for prostate cancer: Blast study.. <i>Journal of Clinical Oncology</i> , <b>2022</b> , 40, TPS220-TPS220	2.2	
82	First multicentre experience of SABR for lymph node and liver oligometastatic disease on the unity MR-Linac.. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , <b>2022</b> , 22, 50-54	1.9	0
81	Characterization of Underrepresented Populations in Modern Era Clinical Trials Involving Radiation Therapy. <i>Practical Radiation Oncology</i> , <b>2021</b> , 11, 453-459	2.8	1
80	Magnetic resonance linear accelerator technology and adaptive radiation therapy: An overview for clinicians. <i>Ca-A Cancer Journal for Clinicians</i> , <b>2021</b> , 72, 34	220.7	2
79	Updates and new directions in the use of radiation therapy for the treatment of pancreatic adenocarcinoma: dose, sensitization, and novel technology. <i>Cancer and Metastasis Reviews</i> , <b>2021</b> , 40, 879-889	9.6	0
78	Value of Neoadjuvant Radiation Therapy in the Management of Pancreatic Adenocarcinoma. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 3773-3777	2.2	3
77	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. <i>Practical Radiation Oncology</i> , <b>2021</b> , 11, 527-527	2.8	0
76	The timing and design of stereotactic radiotherapy approaches as a part of neoadjuvant therapy in pancreatic cancer: Is it time for change?. <i>Clinical and Translational Radiation Oncology</i> , <b>2021</b> , 28, 124-128 <sup>4.6</sup>	4.6	2
75	Magnetic Resonance Guided Radiation Therapy for Pancreatic Adenocarcinoma, Advantages, Challenges, Current Approaches, and Future Directions. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 628155	5.3	6

74	Early Comparative Toxicity Outcomes of Patients With Prostate Cancer Receiving Initial Cryotherapy and Radiotherapy Salvage. <i>Clinical Genitourinary Cancer</i> , <b>2021</b> , 19, 267-270.e1	3.3	0
73	Adjuvant therapy rates and overall survival in patients with localized pancreatic cancer from high Area Deprivation Index neighborhoods. <i>American Journal of Surgery</i> , <b>2021</b> , 222, 10-17	2.7	6
72	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> , <b>2021</b> , 111, 867-875	4	7
71	NRG Oncology Updated International Consensus Atlas on Pelvic Lymph Node Volumes for Intact and Postoperative Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 109, 174-185	4	31
70	Total Neoadjuvant Therapy for Operable Pancreatic Cancer. <i>Annals of Surgical Oncology</i> , <b>2021</b> , 28, 2246-2256	3.25	6
69	Cost-effectiveness analysis of universal germline testing for patients with pancreatic cancer. <i>Surgery</i> , <b>2021</b> , 169, 629-635	3.6	
68	Considering benefit and risk before routinely recommending SpaceOAR. <i>Lancet Oncology</i> , <b>2021</b> , 22, 11-13	21.7	14
67	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> , <b>2021</b> , 153, 64-71	7.5	2
66	Evolving Concepts Regarding Radiation Therapy for Pancreatic Cancer. <i>Surgical Oncology Clinics of North America</i> , <b>2021</b> , 30, 719-730	2.7	0
65	Online adaptive MR-guided stereotactic radiotherapy for unresectable malignancies in the upper abdomen using a 1.5T MR-linac. <i>Acta Oncologica</i> , <b>2021</b> , 1-5	3.2	2
64	Cytokines, JAK-STAT Signaling and Radiation-Induced DNA Repair in Solid Tumors: Novel Opportunities for Radiation Therapy. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2020</b> , 127, 105827	5.6	4
63	A Patient-Specific Autosegmentation Strategy Using Multi-Input Deformable Image Registration for Magnetic Resonance Imaging-Guided Online Adaptive Radiation Therapy: A Feasibility Study. <i>Advances in Radiation Oncology</i> , <b>2020</b> , 5, 1350-1358	3.3	6
62	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. <i>Clinical and Translational Radiation Oncology</i> , <b>2020</b> , 23, 72-79	4.6	22
61	Association of Presalvage Radiotherapy PSA Levels After Prostatectomy With Outcomes of Long-term Antiandrogen Therapy in Men With Prostate Cancer. <i>JAMA Oncology</i> , <b>2020</b> , 6, 735-743	13.4	23
60	Dose-Escalated Radiation Therapy for Pancreatic Cancer: A Simultaneous Integrated Boost Approach. <i>Practical Radiation Oncology</i> , <b>2020</b> , 10, e495-e507	2.8	20
59	Auto-segmentation of pancreatic tumor in multi-parametric MRI using deep convolutional neural networks. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 145, 193-200	5.3	22
58	MRI-Based Upper Abdominal Organs-at-Risk Atlas for Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2020</b> , 106, 743-753	4	8
57	Impact of Neoadjuvant Chemoradiation on Pathologic Response in Patients With Localized Pancreatic Cancer. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 460	5.3	11

56	Detection of germline variants using expanded multigene panels in patients with localized pancreatic cancer. <i>Hpb</i> , <b>2020</b> , 22, 1745-1752	3.8	1
55	Role of Molecular Profiling of Pancreatic Cancer After Neoadjuvant Therapy: Does it Change Practice?. <i>Journal of Gastrointestinal Surgery</i> , <b>2020</b> , 24, 235-242	3.3	3
54	Development and Validation of a Genomic Tool to Predict Seminal Vesicle Invasion in Adenocarcinoma of the Prostate.. <i>JCO Precision Oncology</i> , <b>2020</b> , 4, 1228-1238	3.6	0
53	ADC measurements on the Unity MR-linac - A recommendation on behalf of the Elekta Unity MR-linac consortium. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 153, 106-113	5.3	20
52	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. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236570	3.7	26
51	The MOMENTUM Study: An International Registry for the Evidence-Based Introduction of MR-Guided Adaptive Therapy. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1328	5.3	32
50	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. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2019</b> , 9, 1189-1200	3.6	
49	Radiation Therapy for Pancreatic Cancer: Executive Summary of an ASTRO Clinical Practice Guideline. <i>Practical Radiation Oncology</i> , <b>2019</b> , 9, 322-332	2.8	66
48	Gleason pattern 5 is associated with an increased risk for metastasis following androgen deprivation therapy and radiation: An analysis of RTOG 9202 and 9902. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 141, 137-143	5.3	2
47	Improving Treatment Response Prediction for Chemoradiation Therapy of Pancreatic Cancer Using a Combination of Delta-Radiomics and the Clinical Biomarker CA19-9. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 1464	5.3	18
46	Radiation therapy for pancreatic adenocarcinoma, a treatment option that must be considered in the management of a devastating malignancy. <i>Radiation Oncology</i> , <b>2019</b> , 14, 114	4.2	20
45	Survival of patients with borderline resectable pancreatic cancer who received neoadjuvant therapy and surgery. <i>Surgery</i> , <b>2019</b> , 166, 277-285	3.6	26
44	The transformation of radiation oncology using real-time magnetic resonance guidance: A review. <i>European Journal of Cancer</i> , <b>2019</b> , 122, 42-52	7.5	66
43	A machine learning based delta-radiomics process for early prediction of treatment response of pancreatic cancer. <i>Npj Precision Oncology</i> , <b>2019</b> , 3, 25	9.8	40
42	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. <i>Cureus</i> , <b>2019</b> , 11, e4510	1.2	5
41	Quality of Life in Patients With Low-Risk Prostate Cancer Treated With Hypofractionated vs Conventional Radiotherapy: A Phase 3 Randomized Clinical Trial. <i>JAMA Oncology</i> , <b>2019</b> , 5, 664-670	13.4	17
40	A preferred patient decubitus positioning for magnetic resonance image guided online adaptive radiation therapy of pancreatic cancer. <i>Physics and Imaging in Radiation Oncology</i> , <b>2019</b> , 12, 22-29	3.1	1
39	Influence of Residual Disease Following Surgical Resection in Newly Diagnosed Glioblastoma on Clinical, Neurocognitive, and Patient Reported Outcomes. <i>Neurosurgery</i> , <b>2019</b> , 84, 66-76	3.2	7

38	Current Predictive Indices and Nomograms To Enable Personalization of Radiation Therapy for Patients With Secondary Malignant Neoplasms of the Central Nervous System: A Review. <i>Neurosurgery</i> , <b>2018</b> , 82, 595-603	3.2	7
37	Pancreatic gross tumor volume contouring on computed tomography (CT) compared with magnetic resonance imaging (MRI): Results of an international contouring conference. <i>Practical Radiation Oncology</i> , <b>2018</b> , 8, 107-115	2.8	12
36	Locally advanced pancreas cancer: Staging and goals of therapy. <i>Surgery</i> , <b>2018</b> , 163, 1053-1062	3.6	36
35	Prognostic Value of Clinical vs Pathologic Stage in Rectal Cancer Patients Receiving Neoadjuvant Therapy. <i>Journal of the National Cancer Institute</i> , <b>2018</b> , 110, 460-466	9.7	13
34	Correlation of ADC With Pathological Treatment Response for Radiation Therapy of Pancreatic Cancer. <i>Translational Oncology</i> , <b>2018</b> , 11, 391-398	4.9	23
33	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. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 101, 271-281	4	29
32	Radio-pathomic Maps of Epithelium and Lumen Density Predict the Location of High-Grade Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2018</b> , 101, 1179-1187	4	30
31	Rectal cancer patients younger than 50 years lack a survival benefit from NCCN guideline-directed treatment for stage II and III disease. <i>Cancer</i> , <b>2018</b> , 124, 3510-3519	6.4	32
30	PET-based Treatment Response Assessment for Neoadjuvant Chemoradiation in Pancreatic Adenocarcinoma: An Exploratory Study. <i>Translational Oncology</i> , <b>2018</b> , 11, 1104-1109	4.9	14
29	Optimized $\alpha$ -value selection for the discrimination of prostate cancer grades, including the cribriform pattern, using diffusion weighted imaging. <i>Journal of Medical Imaging</i> , <b>2018</b> , 5, 011004	2.6	20
28	The role of imaging in the clinical practice of radiation oncology for pancreatic cancer. <i>Abdominal Radiology</i> , <b>2018</b> , 43, 393-403	3	4
27	2555 Predictive cytological topography (PiCT): A radiopathomics approach to mapping prostate cancer. <i>Journal of Clinical and Translational Science</i> , <b>2018</b> , 2, 23-24	0.4	78
26	Variations of MRI-assessed peristaltic motions during radiation therapy. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205917	3.7	12
25	A Phase II Clinical Trial of Molecular Profiled Neoadjuvant Therapy for Localized Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgery</i> , <b>2018</b> , 268, 610-619	7.8	38
24	Imaging predictors of treatment outcomes in rectal cancer: An overview. <i>Critical Reviews in Oncology/Hematology</i> , <b>2018</b> , 129, 153-162	7	8
23	Outcomes for patients with locally advanced pancreatic adenocarcinoma treated with stereotactic body radiation therapy versus conventionally fractionated radiation. <i>Cancer</i> , <b>2017</b> , 123, 3486-3493	6.4	73
22	Considerations Regarding the Role of Stereotactic Body Radiation Therapy for Pancreatic Adenocarcinoma in the Elderly. <i>Journal of Oncology Practice</i> , <b>2017</b> , 13, 171-172	3.1	
21	Adaptive radiation dose escalation in rectal adenocarcinoma: a review. <i>Journal of Gastrointestinal Oncology</i> , <b>2017</b> , 8, 902-914	2.8	11

20	Should functional renal scans be obtained prior to upper abdominal IMRT for pancreatic cancer?. <i>Practical Radiation Oncology</i> , <b>2017</b> , 7, e449-e455	2.8	
19	Biomarkers of Outcome in Patients With Localized Prostate Cancer Treated With Radiotherapy. <i>Seminars in Radiation Oncology</i> , <b>2017</b> , 27, 11-20	5.5	7
18	Assessment of treatment response during chemoradiation therapy for pancreatic cancer based on quantitative radiomic analysis of daily CTs: An exploratory study. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178961	3.7	41
17	Cholangiocarcinoma size on magnetic resonance imaging versus pathologic specimen: Implications for radiation treatment planning. <i>Practical Radiation Oncology</i> , <b>2016</b> , 6, 201-206	2.8	1
16	TNFRSF10C copy number variation is associated with metastatic colorectal cancer. <i>Journal of Gastrointestinal Oncology</i> , <b>2016</b> , 7, 306-14	2.8	11
15	Lymph node ratio influence on risk of head and neck cancer locoregional recurrence after initial surgical resection: implications for adjuvant therapy. <i>Head and Neck</i> , <b>2015</b> , 37, 777-82	4.2	47
14	Radiotherapy patterns of care in gastric adenocarcinoma: a single institution experience. <i>Journal of Gastrointestinal Oncology</i> , <b>2015</b> , 6, 247-53	2.8	2
13	Similar survival for patients undergoing reduced-intensity total body irradiation (TBI) versus myeloablative TBI as conditioning for allogeneic transplant in acute leukemia. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 89, 360-9	4	6
12	CHD7 expression predicts survival outcomes in patients with resected pancreatic cancer. <i>Cancer Research</i> , <b>2014</b> , 74, 2677-87	10.1	30
11	Accuracy of computed tomography for predicting pathologic nodal extracapsular extension in patients with head-and-neck cancer undergoing initial surgical resection. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 88, 122-9	4	77
10	The influence of radiation therapy dose escalation on overall survival in unresectable pancreatic adenocarcinoma. <i>Journal of Gastrointestinal Oncology</i> , <b>2014</b> , 5, 77-85	2.8	9
9	The management of adenocarcinoma of the prostate in rural Georgia: A population-based analysis.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 273-273	2.2	
8	Treatment efficiency of volumetric modulated arc therapy in comparison with intensity-modulated radiotherapy in the treatment of prostate cancer. <i>Journal of the American College of Radiology</i> , <b>2013</b> , 10, 128-34	3.5	14
7	Reduced acute toxicity associated with the use of volumetric modulated arc therapy for the treatment of adenocarcinoma of the prostate. <i>Practical Radiation Oncology</i> , <b>2013</b> , 3, e157-64	2.8	8
6	Tumor size on abdominal MRI versus pathologic specimen in resected pancreatic adenocarcinoma: implications for radiation treatment planning. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 86, 102-7	4	26
5	The association between C-reactive protein (CRP) level and biochemical failure-free survival in patients after radiation therapy for nonmetastatic adenocarcinoma of the prostate. <i>Cancer</i> , <b>2013</b> , 119, 3272-9	6.4	28
4	The influence of adjuvant radiotherapy dose on overall survival in patients with resected pancreatic adenocarcinoma. <i>Cancer</i> , <b>2013</b> , 119, 2350-7	6.4	12
3	Radiation therapy sequencing for resected pancreatic adenocarcinoma in the National Cancer Data Base: A multi-institutional comparative analysis.. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 305-305	2.2	

2	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. <i>Cancer</i> , <b>2012</b> , 118, 5331-8	6.4	11
1	Stereotactic body radiosurgery for spinal metastatic disease: an evidence-based review. <i>International Journal of Surgical Oncology</i> , <b>2011</b> , 2011, 979214	0.9	23