

Matthew M Harkenrider

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

2,494
citations

304368

22
h-index

214527

47
g-index

94
all docs

94
docs citations

94
times ranked

3203
citing authors

#	ARTICLE	IF	CITATIONS
1	Updates in Adjuvant Therapy for High-Risk and Locally Advanced Endometrial Cancer. <i>Advances in Oncology</i> , 2022, 2, 25-33.	0.1	1
2	The Evolution and Future of the American Society for Radiation Oncology (ASTRO) Clinical Practice Guidelines: A Report From the ASTRO Methodology Work Group on Behalf of the Guideline Subcommittee. <i>Practical Radiation Oncology</i> , 2021, 11, 30-34.	1.1	1
3	A multi-institutional phase I/II trial of focal salvage high-dose-rate brachytherapy for locally recurrent prostate cancer in patients treated with prior radiotherapy (F-SHARP).. <i>Journal of Clinical Oncology</i> , 2021, 39, TPS265-TPS265.	0.8	1
4	Risk and impact of radiation related lymphopenia in lung cancer: A systematic review and meta-analysis. <i>Radiotherapy and Oncology</i> , 2021, 157, 225-233.	0.3	32
5	Validating Modern NRG Oncology Pelvic Nodal and Groupe Francophone de Radiothérapie Urologique Prostate Bed Contouring Guidelines for Post-Prostatectomy Salvage Radiation: A Secondary Analysis of the LOCATE Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1195-1203.	0.4	16
6	Uterine perforation during brachytherapy for cervical cancer: Complications, outcomes, and best practices for forward treatment planning and management. <i>Brachytherapy</i> , 2021, 20, 557-564.	0.2	6
7	Radiation Toxicity in Patients With Collagen Vascular Disease: A Meta-Analysis of Case-Control Studies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1214-1226.	0.4	7
8	ACRâ€“ABSâ€“ASTRO practice parameter for the performance of radionuclide-based high-dose-rate brachytherapy. <i>Brachytherapy</i> , 2021, 20, 1071-1082.	0.2	5
9	Computed tomography versus magnetic resonance imaging in high-dose-rate prostate brachytherapy planning: The impact on patient-reported health-related quality of life. <i>Brachytherapy</i> , 2021, 20, 66-74.	0.2	3
10	Patient and physician reported toxicity with two-fraction definitive high-dose-rate prostate brachytherapy: the impact of implant interval. <i>Journal of Contemporary Brachytherapy</i> , 2020, 12, 216-224.	0.4	4
11	The ASTRO clinical practice guidelines in cervical cancer: Optimizing radiation therapy for improved outcomes. <i>Gynecologic Oncology</i> , 2020, 159, 607-610.	0.6	23
12	Executive summary of the American Radium Societyâ€™s Appropriate Use Criteria for management of uterine carcinosarcoma. <i>Gynecologic Oncology</i> , 2020, 158, 460-466.	0.6	9
13	Radiation Therapy for Cervical Cancer: Executive Summary of an ASTRO Clinical Practice Guideline. <i>Practical Radiation Oncology</i> , 2020, 10, 220-234.	1.1	144
14	Characterization of Markerless Tumor Tracking Using the On-Board Imager of a Commercial Linear Accelerator Equipped With Fast-kV Switching Dual-Energy Imaging. <i>Advances in Radiation Oncology</i> , 2020, 5, 1006-1013.	0.6	9
15	Elective Nodal Irradiation for Limited-stage Small-cell Lung Cancer: Survey of US Radiation Oncologists on Practice Patterns. <i>Clinical Lung Cancer</i> , 2020, 21, 443-449.e4.	1.1	4
16	COVID-19 impact on timing of brachytherapy treatment and strategies for risk mitigation. <i>Brachytherapy</i> , 2020, 19, 401-411.	0.2	32
17	Radiation Therapy in Endometrial Cancer. , 2019, , 1-16.		0
18	Compendium of fractionation choices for gynecologic HDR brachytherapyâ€™ An American Brachytherapy Society Task Group Report. <i>Brachytherapy</i> , 2019, 18, 429-436.	0.2	49

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19	Impact of choice of dose calculation algorithm on PTV and OAR doses in lung SBRT. <i>Journal of Radiation Oncology</i> , 2019, 8, 291-304.	0.7	3
20	Salvage treatment in recurrent endometrial cancer of the pelvis and peritoneal cavity. <i>Gynecologic Oncology Reports</i> , 2019, 29, 1-6.	0.3	5
21	Markerless tumor tracking using fast kV switching dual-energy fluoroscopy on a benchtop system. <i>Medical Physics</i> , 2019, 46, 3235-3244.	1.6	23
22	Transitioning From a Low-Dose-Rate to a High-Dose-Rate Prostate Brachytherapy Program: Comparing Initial Dosimetry and Improving Workflow Efficiency Through Targeted Interventions. <i>Advances in Radiation Oncology</i> , 2019, 4, 103-111.	0.6	6
23	Understanding the underutilization of cervical brachytherapy for locally advanced cervical cancer. <i>Brachytherapy</i> , 2019, 18, 361-369.	0.2	24
24	A proposal for a new classification of "unfavorable risk criteria" in patients with stage I endometrial cancer. <i>International Journal of Gynecological Cancer</i> , 2019, 29, 1086-1093.	1.2	6
25	Radiation Dose and Fractionation for Limited-stage Small-cell Lung Cancer: Survey of US Radiation Oncologists on Practice Patterns. <i>Clinical Lung Cancer</i> , 2019, 20, 13-19.	1.1	34
26	Impact on treatment time of MRI-based brachytherapy in two implants (4 doses) compared with CT-based brachytherapy in five implants for cervical cancer. <i>Brachytherapy</i> , 2019, 18, 141-145.	0.2	1
27	Predictors of Distant Failure After Stereotactic Body Radiation Therapy for Stages I to IIA Non-Small-Cell Lung Cancer. <i>Clinical Lung Cancer</i> , 2019, 20, 37-42.	1.1	12
28	Prophylactic Cranial Irradiation for Limited-Stage Small-Cell Lung Cancer: Survey of US Radiation Oncologists on Current Practice Patterns. <i>Clinical Lung Cancer</i> , 2018, 19, 371-376.	1.1	17
29	A Medicare cost analysis of MRI- versus CT-based high-dose-rate brachytherapy of the cervix: Can MRI-based planning be less costly?. <i>Brachytherapy</i> , 2018, 17, 326-333.	0.2	6
30	Advanced small cell carcinoma of the cervix "Successful treatment with concurrent etoposide and cisplatin chemotherapy and extended field radiation: A case report and discussion. <i>Gynecologic Oncology Reports</i> , 2018, 23, 4-6.	0.3	6
31	The Impact of Academic Facility Type and Case Volume on Survival in Patients Undergoing Curative Radiation Therapy for Muscle-Invasive Bladder Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 851-857.	0.4	17
32	Multi-institutional Analysis of Vaginal Brachytherapy Alone for Women With Stage II Endometrial Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 1069-1077.	0.4	19
33	Prognostic significance of residual lymph node status after definitive chemoradiotherapy in patients with node-positive cervical cancer. <i>Gynecologic Oncology</i> , 2018, 148, 437-438.	0.6	2
34	Decreased Risk of Radiation Pneumonitis With Coincident Concurrent Use of Angiotensin-converting Enzyme Inhibitors in Patients Receiving Lung Stereotactic Body Radiation Therapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 576-580.	0.6	19
35	Adjuvant Radiotherapy Versus Wait-and-See Strategy for Pathologic T3 or Margin-Positive Prostate Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 730-738.	0.6	17
36	Adjuvant External Radiation Impacts Outcome of Pelvis-limited Stage III Endometrial Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 792-796.	0.6	8

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37	Delineating the relationship between Point A prescription dose and pelvic lymph node doses in intracavitary high-dose-rate brachytherapy treatment of cervical cancer for use in low- and middle-income countries. <i>Brachytherapy</i> , 2018, 17, 201-207.	0.2	5
38	Early outcomes and impact of a hybrid IC/IS applicator for a new MRI-based cervical brachytherapy program. <i>Brachytherapy</i> , 2018, 17, 187-193.	0.2	16
39	Reduction of MRI signal distortion from titanium intracavitary brachytherapy applicator by optimizing pulse sequence parameters. <i>Brachytherapy</i> , 2018, 17, 377-382.	0.2	0
40	Adjuvant therapy in patients with clear cell endometrial carcinoma: An analysis of the National Cancer Database. <i>Gynecologic Oncology</i> , 2018, 148, 147-153.	0.6	20
41	Cost in perspective: direct assessment of American market acceptability of Co-60 in gynecologic high-dose-rate brachytherapy and contrast with experience abroad. <i>Journal of Contemporary Brachytherapy</i> , 2018, 10, 503-509.	0.4	14
42	Does adjuvant concurrent or sequential chemotherapy increase the radiation-related toxicity of vaginal brachytherapy for endometrial cancer patients?. <i>Brachytherapy</i> , 2018, 17, 929-934.	0.2	5
43	Providing MR Imaging for Cervical Cancer Brachytherapy: Lessons for Radiologists. <i>Radiographics</i> , 2018, 38, 932-944.	1.4	7
44	Comparison of dosimetric and clinical outcomes between short- and long-channel cylinder applicators for vaginal brachytherapy in intermediate- and high-risk endometrial cancer. <i>Brachytherapy</i> , 2018, 17, 673-679.	0.2	3
45	Report from the SWOG Radiation Oncology Committee: Research Objectives Workshop 2017. <i>Clinical Cancer Research</i> , 2018, 24, 3500-3509.	3.2	3
46	Can MRI-only replace MRI-CT planning with a titanium tandem and ovoid applicator?. <i>Brachytherapy</i> , 2018, 17, 747-752.	0.2	1
47	Association of conformality index and post-treatment radiation pneumonitis in early-stage non-small cell lung cancer treated with stereotactic body radiotherapy. <i>Journal of Radiation Oncology</i> , 2018, 7, 63-67.	0.7	0
48	Timing of Thoracic Radiation Therapy With Chemotherapy in Limited-stage Small-cell Lung Cancer: Survey of US Radiation Oncologists on Current Practice Patterns. <i>Clinical Lung Cancer</i> , 2018, 19, e815-e821.	1.1	8
49	Evaluation of Radiomics to Predict the Accuracy of Markerless Motion Tracking of Lung Tumors: A Preliminary Study. <i>Frontiers in Oncology</i> , 2018, 8, 292.	1.3	3
50	American Brachytherapy Task Group Report: Adjuvant vaginal brachytherapy for early-stage endometrial cancer: A comprehensive review. <i>Brachytherapy</i> , 2017, 16, 95-108.	0.2	66
51	Bladder-Preserving Therapy Patterns of Care: A Survey of US Radiation Oncologists. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 383-387.	0.4	16
52	Cervical cancer: A global health crisis. <i>Cancer</i> , 2017, 123, 2404-2412.	2.0	790
53	Concurrent chemotherapy is associated with improved survival in elderly patients with bladder cancer undergoing radiotherapy. <i>Cancer</i> , 2017, 123, 3524-3531.	2.0	28
54	Improved overall survival with adjuvant radiotherapy for high-intermediate and high risk Stage I endometrial cancer. <i>Radiotherapy and Oncology</i> , 2017, 122, 452-457.	0.3	20

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55	Influence of Fractionation Scheme and Tumor Location on Toxicities After Stereotactic Body Radiation Therapy for Large (≥5 cm) Non-Small Cell Lung Cancer: A Multi-institutional Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 778-785.	0.4	50
56	Evaluation of Deformable Image Registration-Based Contour Propagation From Planning CT to Cone-Beam CT. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 801-810.	0.8	28
57	Early Outcomes and Impact of a Hybrid IC/IS Applicator for a New MRI-Based Cervical Brachytherapy Program. <i>Brachytherapy</i> , 2017, 16, S61.	0.2	1
58	A national survey of HDR source knowledge among practicing radiation oncologists and residents: Establishing a willingness-to-pay threshold for cobalt-60 usage. <i>Brachytherapy</i> , 2017, 16, 910-915.	0.2	4
59	Maximizing survival in patients with muscle-invasive bladder cancer undergoing curative bladder-preserving radiotherapy: the impact of radiotherapy dose escalation. <i>Journal of Radiation Oncology</i> , 2017, 6, 387-395.	0.7	4
60	Multi-institutional experience of stereotactic body radiotherapy for large (≥5 centimeters) non-small cell lung tumors. <i>Cancer</i> , 2017, 123, 688-696.	2.0	86
61	Multi-Institutional Experience of Stereotactic Ablative Radiation Therapy for Stage I Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 362-371.	0.4	78
62	Clinical Application of a Hybrid RapidArc Radiotherapy Technique for Locally Advanced Lung Cancer. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 224-230.	0.8	7
63	How one institution overcame the challenges to start an MRI-based brachytherapy program for cervical cancer. <i>Journal of Contemporary Brachytherapy</i> , 2017, 2, 177-186.	0.4	17
64	Adjuvant radiotherapy use after radical cystectomy in muscle-invasive bladder cancer: A survey of U.S. radiation oncologists. <i>Journal of Clinical Oncology</i> , 2017, 35, 369-369.	0.8	0
65	Association of treatment facility case volume with survival in patients undergoing radiotherapy/chemoradiotherapy for muscle-invasive bladder cancer: An analysis of the National Cancer Database. <i>Journal of Clinical Oncology</i> , 2017, 35, 295-295.	0.8	0
66	Analysis of adjuvant chemotherapy and radiotherapy for stage II endometrioid type endometrial cancer. <i>Journal of Clinical Oncology</i> , 2017, 35, e17118-e17118.	0.8	0
67	Novel predictors of esophageal toxicity with stereotactic body radiation therapy for central lung tumors. <i>Journal of Radiation Oncology</i> , 2016, 5, 371-377.	0.7	0
68	Local control dependence on consecutive vs. nonconsecutive fractionation in lung stereotactic body radiation therapy. <i>Radiotherapy and Oncology</i> , 2016, 121, 9-14.	0.3	26
69	Predictors of post-treatment symptomatic pneumonitis in lung SBRT patients through decision tree analysis. <i>Journal of Radiation Oncology</i> , 2016, 5, 273-278.	0.7	2
70	Observer Evaluation of a Metal Artifact Reduction Algorithm Applied to Head and Neck Cone Beam Computed Tomographic Images. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 897-904.	0.4	16
71	Point A vs. HR-CTV D90 in MRI-based cervical brachytherapy of small and large lesions. <i>Brachytherapy</i> , 2016, 15, 825-831.	0.2	9
72	Evaluation of a template-based algorithm for markerless lung tumour localization on single- and dual-energy kilovoltage images. <i>British Journal of Radiology</i> , 2016, 89, 20160648.	1.0	10

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73	Long-term Benefit of Tumor Volume-Directed Involved Field Radiation Therapy in the Management of Recurrent Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2016, 26, 655-660.	1.2	28
74	Consensus Recommendations for Radiation Therapy Contouring and Treatment of Vulvar Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1191-1200.	0.4	83
75	Bladder distension improves the dosimetry of organs at risk during intracavitary cervical high-dose-rate brachytherapy. <i>Brachytherapy</i> , 2016, 15, 30-34.	0.2	10
76	Vaginal brachytherapy for postoperative endometrial cancer: 2014 Survey of the American Brachytherapy Society. <i>Brachytherapy</i> , 2016, 15, 23-29.	0.2	58
77	Image Guided Cervical Brachytherapy: 2014 Survey of the American Brachytherapy Society. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 598-604.	0.4	104
78	Effect of concurrent chemotherapy on overall survival in elderly bladder cancer patients undergoing radiotherapy: A population-based analysis. <i>Journal of Clinical Oncology</i> , 2016, 34, e16000-e16000.	0.8	0
79	Markerless motion tracking of lung tumors using dual-energy fluoroscopy. <i>Medical Physics</i> , 2015, 42, 254-262.	1.6	47
80	Long-term Incidence of Hematuria, Urethral Stricture and Bladder Cancer after Radiation Therapy for Prostate Cancer. <i>Urology Practice</i> , 2015, 2, 349-358.	0.2	6
81	The role of vaginal cuff brachytherapy in endometrial cancer. <i>Gynecologic Oncology</i> , 2015, 136, 365-372.	0.6	32
82	Image-Based Brachytherapy for the Treatment of Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 921-934.	0.4	61
83	Tumor Volume Change With Stereotactic Body Radiotherapy (SBRT) for Early-stage Lung Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2015, 38, 41-46.	0.6	16
84	A multi-institutional study to assess adherence to lung stereotactic body radiotherapy planning goals. <i>Medical Physics</i> , 2015, 42, 4629-4635.	1.6	6
85	Adjuvant radiotherapy versus wait-and-see strategy for pathologic T3 or margin-positive prostate cancer: A meta-analysis. <i>Journal of Clinical Oncology</i> , 2015, 33, 19-19.	0.8	1
86	Stereotactic Body Radiation Therapy for Unbiopsied Early-stage Lung Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2014, 37, 337-342.	0.6	18
87	Prospective Evaluation of Dual-Energy Imaging in Patients Undergoing Image Guided Radiation Therapy for Lung Cancer: Initial Clinical Results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 525-531.	0.4	24
88	Contralateral Prophylactic Mastectomy: Clinical and Pathological Features From a Prospective Database. <i>American Journal of the Medical Sciences</i> , 2012, 344, 452-456.	0.4	8
89	Nonadditive indirect effects of group genetic diversity on larval viability in <i>Drosophila melanogaster</i> imply key role of maternal decision-making. <i>Molecular Ecology</i> , 2012, 21, 2270-2281.	2.0	9
90	Reirradiation as a Component of the Multidisciplinary Management of Locally Recurrent Breast Cancer. <i>Clinical Breast Cancer</i> , 2011, 11, 171-176.	1.1	21

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91	A Hierarchy of Endothelial Colony-Forming Cell Activity Displayed by Bovine Corneal Endothelial Cells. , 2010, 51, 3943.		15
92	Treatment options for stage I non-small-cell lung carcinoma patients not suitable for lobectomy. Expert Review of Anticancer Therapy, 2009, 9, 1443-1453.	1.1	12
93	Brain metastasis from non-seminomatous germ cell tumor of the testis. Expert Review of Anticancer Therapy, 2007, 7, 1567-1580.	1.1	9