

Margie Hunt

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9256770/margie-hunt-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

88

papers

6,780

citations

37

h-index

82

g-index

93

ext. papers

7,574

ext. citations

2.4

avg, IF

5.19

L-index

#	Paper	IF	Citations
88	Deep learning auto-segmentation and automated treatment planning for trismus risk reduction in head and neck cancer radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021 , 19, 96-101	3.1	0
87	Clinical experience and workflow challenges with magnetic resonance-only radiation therapy simulation and planning for prostate cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2020 , 16, 43-49	3.1	6
86	Efficiency and safety increases after the implementation of a multi-institutional automated plan check tool at our institution. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 51-58	2.3	5
85	Technical Note: A custom-designed flexible MR coil array for spine radiotherapy treatment planning. <i>Medical Physics</i> , 2020 , 47, 3143-3152	4.4	2
84	Early Tolerance and Tumor Control Outcomes with High-dose Ultrahypofractionated Radiation Therapy for Prostate Cancer. <i>European Urology Oncology</i> , 2020 , 3, 748-755	6.7	16
83	Technical Note: 3D localization of lung tumors on cone beam CT projections via a convolutional recurrent neural network. <i>Medical Physics</i> , 2020 , 47, 1161-1166	4.4	2
82	Prostate SBRT With Intrafraction Motion Management Using a Novel Linear Accelerator-Based MV-kV Imaging Method. <i>Practical Radiation Oncology</i> , 2020 , 10, e388-e396	2.8	6
81	Strict bladder filling and rectal emptying during prostate SBRT: Does it make a dosimetric or clinical difference?. <i>Radiation Oncology</i> , 2020 , 15, 239	4.2	4
80	Impact of varying air cavity on planning dosimetry for rectum patients treated on a 1.5T hybrid MR-linac system. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 144-152	2.3	1
79	Couch and multileaf collimator tracking: A clinical feasibility study for pancreas and liver treatment. <i>Medical Physics</i> , 2020 , 47, 4743-4757	4.4	1
78	Impact of daily soft-tissue image guidance to prostate on pelvic lymph node (PLN) irradiation for prostate patients receiving SBRT. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 121-127	2.3	7
77	Developing a MLC modifier program to improve fiducial detection for MV/kV imaging during hypofractionated prostate volumetric modulated arc therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 120-124	2.3	4
76	Segmenting lung tumors on longitudinal imaging studies via a patient-specific adaptive convolutional neural network. <i>Radiotherapy and Oncology</i> , 2019 , 131, 101-107	5.3	14
75	Clinical evaluation of 4D MRI in the delineation of gross and internal tumor volumes in comparison with 4DCT. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 51-60	2.3	12
74	Dynamic multiatlas selection-based consensus segmentation of head and neck structures from CT images. <i>Medical Physics</i> , 2019 , 46, 5612-5622	4.4	8
73	Treatment Planning Considerations for Prostate SBRT and MRI Based Planning 2019 , 17-41		
72	Comparison of Motion-Insensitive T2-Weighted MRI Pulse Sequences for Visualization of the Prostatic Urethra During MR Simulation. <i>Practical Radiation Oncology</i> , 2019 , 9, e534-e540	2.8	9

71	Diffusion-weighted MRI of the lung at 3T evaluated using echo-planar-based and single-shot turbo spin-echo-based acquisition techniques for radiotherapy applications. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 284-292	2.3	6
70	Institutional experience with SRS VMAT planning for multiple cranial metastases. <i>Journal of Applied Clinical Medical Physics</i> , 2018 , 19, 176-183	2.3	26
69	Image-guided radiotherapy reduces the risk of under-dosing high-risk prostate cancer extra-capsular disease and improves biochemical control. <i>Radiation Oncology</i> , 2018 , 13, 64	4.2	3
68	Effects of irregular respiratory motion on the positioning accuracy of moving target with free breathing cone-beam computerized tomography. <i>International Journal of Medical Physics, Clinical Engineering and Radiation Oncology</i> , 2018 , 7, 173-183	0.1	1
67	Design and validation of a MV/kV imaging-based markerless tracking system for assessing real-time lung tumor motion. <i>Medical Physics</i> , 2018 , 45, 5555-5563	4.4	11
66	Novel Super-Resolution Approach to Time-Resolved Volumetric 4-Dimensional Magnetic Resonance Imaging With High Spatiotemporal Resolution for Multi-Breathing Cycle Motion Assessment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 454-462	4	19
65	Direct Comparison of Respiration-Correlated Four-Dimensional Magnetic Resonance Imaging Reconstructed Using Concurrent Internal Navigator and External Bellows. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 596-605	4	30
64	Morphologic Features of Magnetic Resonance Imaging as a Surrogate of Capsular Contracture in Breast Cancer Patients With Implant-based Reconstructions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 411-419	4	2
63	Clinical workflow for MR-only simulation and planning in prostate. <i>Radiation Oncology</i> , 2017 , 12, 119	4.2	73
62	Optimizing fiducial visibility on periodically acquired megavoltage and kilovoltage image pairs during prostate volumetric modulated arc therapy. <i>Medical Physics</i> , 2016 , 43, 2024	4.4	5
61	Weekly response assessment of involved lymph nodes to radiotherapy using diffusion-weighted MRI in oropharynx squamous cell carcinoma. <i>Medical Physics</i> , 2016 , 43, 137	4.4	16
60	Evaluating inter-campus plan consistency using a knowledge based planning model. <i>Radiotherapy and Oncology</i> , 2016 , 120, 349-55	5.3	44
59	Dose calculation for hypofractionated volumetric-modulated arc therapy: approximating continuous arc delivery and tongue-and-groove modeling. <i>Journal of Applied Clinical Medical Physics</i> , 2016 , 17, 3-13	2.3	9
58	Interobserver variability in radiation therapy plan output: Results of a single-institution study. <i>Practical Radiation Oncology</i> , 2016 , 6, 442-449	2.8	46
57	Intrafractional 3D localization using kilovoltage digital tomosynthesis for sliding-window intensity modulated radiation therapy. <i>Physics in Medicine and Biology</i> , 2015 , 60, N335-44	3.8	4
56	Clinical experience with two frameless stereotactic radiosurgery (FSRS) systems using optical surface imaging for motion monitoring. <i>Journal of Applied Clinical Medical Physics</i> , 2015 , 16, 149-162	2.3	25
55	Modeling positioning uncertainties of prostate cancer external beam radiation therapy using pre-treatment data. <i>Radiotherapy and Oncology</i> , 2014 , 110, 251-5	5.3	9
54	Impact of dose to the bladder trigone on long-term urinary function after high-dose intensity modulated radiation therapy for localized prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 339-44	4	98

53	Automatic tracking of arbitrarily shaped implanted markers in kilovoltage projection images: a feasibility study. <i>Medical Physics</i> , 2014 , 41, 071906	4.4	21
52	Patterns and predictors of amelioration of genitourinary toxicity after high-dose intensity-modulated radiation therapy for localized prostate cancer: implications for defining postradiotherapy urinary toxicity. <i>European Urology</i> , 2013 , 64, 931-8	10.2	32
51	Practice-based evidence to evidence-based practice: building the National Radiation Oncology Registry. <i>Journal of Oncology Practice</i> , 2013 , 9, e90-5	3.1	22
50	Robust plan optimization for electromagnetic transponder guided hypo-fractionated prostate treatment using volumetric modulated arc therapy. <i>Physics in Medicine and Biology</i> , 2013 , 58, 7803-13	3.8	6
49	Measuring uncertainty in dose delivered to the cochlea due to setup error during external beam treatment of patients with cancer of the head and neck. <i>Medical Physics</i> , 2013 , 40, 121724	4.4	1
48	Improved clinical outcomes with high-dose image guided radiotherapy compared with non-IGRT for the treatment of clinically localized prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 84, 125-9	4	347
47	Esophageal toxicity from high-dose, single-fraction paraspinal stereotactic radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, e661-7	4	95
46	Incorporation of treatment plan spatial and temporal dose patterns into a prostate intrafractional motion management strategy. <i>Medical Physics</i> , 2012 , 39, 5429-36	4.4	8
45	TU-C-213CD-04: Tracking Implanted Fiducials Using Kilovoltage (kV) Projection Images: A Feasibility Study. <i>Medical Physics</i> , 2012 , 39, 3903-3903	4.4	1
44	Comparison of tumor control and toxicity outcomes of high-dose intensity-modulated radiotherapy and brachytherapy for patients with favorable risk prostate cancer. <i>Urology</i> , 2011 , 77, 986-90	1.6	65
43	Acquisition of MV-scatter-free kilovoltage CBCT images during RapidArc [®] VMAT. <i>Radiotherapy and Oncology</i> , 2011 , 100, 145-9	5.3	42
42	Intensity-modulated radiation therapy for breast: is it for everyone?. <i>Seminars in Radiation Oncology</i> , 2011 , 21, 51-4	5.5	25
41	Ten-year outcomes of high-dose, intensity-modulated radiotherapy for localized prostate cancer. <i>Cancer</i> , 2011 , 117, 1429-37	6.4	166
40	Predictors of local control after single-dose stereotactic image-guided intensity-modulated radiotherapy for extracranial metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 79, 1151-7	4	92
39	Choreographing couch and collimator in volumetric modulated arc therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 80, 1238-47	4	51
38	Determination of action thresholds for electromagnetic tracking system-guided hypofractionated prostate radiotherapy using volumetric modulated arc therapy. <i>Medical Physics</i> , 2011 , 38, 4001-8	4.4	15
37	Traditional and Modern Techniques for Radiation Treatment Planning 2011 , 123-151		1
36	Postmastectomy intensity modulated radiation therapy following immediate expander-implant reconstruction. <i>Radiotherapy and Oncology</i> , 2010 , 94, 319-23	5.3	42

35	Dose correction strategy for the optimization of volumetric modulated arc therapy. <i>Medical Physics</i> , 2010 , 37, 2441-4	4.4	4
34	Optimization of collimator trajectory in volumetric modulated arc therapy: development and evaluation for paraspinal SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 591-9	4	54
33	Volumetric modulated arc therapy: planning and evaluation for prostate cancer cases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 76, 1456-62	4	174
32	The effect of significant tumor reduction on the dose distribution in intensity modulated radiation therapy for head-and-neck cancer: a case study. <i>Medical Dosimetry</i> , 2009 , 34, 250-5	1.3	5
31	Effect of MLC leaf width and PTV margin on the treatment planning of intensity-modulated stereotactic radiosurgery (IMSRS) or radiotherapy (IMSRT). <i>Medical Dosimetry</i> , 2009 , 34, 110-6	1.3	15
30	Intensity-modulated radiation therapy: supportive data for prostate cancer. <i>Seminars in Radiation Oncology</i> , 2008 , 18, 48-57	5.5	88
29	Ultra-high dose (86.4 Gy) IMRT for localized prostate cancer: toxicity and biochemical outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 71, 330-7	4	203
28	Incidence of late rectal and urinary toxicities after three-dimensional conformal radiotherapy and intensity-modulated radiotherapy for localized prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 1124-9	4	517
27	Long-term results of conformal radiotherapy for prostate cancer: impact of dose escalation on biochemical tumor control and distant metastases-free survival outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 71, 1028-33	4	251
26	Choosing an intensity-modulated radiation therapy technique in the treatment of head-and-neck cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 68, 1299-309	4	50
25	Long-term outcome of high dose intensity modulated radiation therapy for patients with clinically localized prostate cancer. <i>Journal of Urology</i> , 2006 , 176, 1415-9	2.5	362
24	Intensity-modulated radiation therapy for the treatment of oropharyngeal carcinoma: the Memorial Sloan-Kettering Cancer Center experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 64, 363-73	4	246
23	Intensity-modulated radiotherapy in high-grade gliomas: clinical and dosimetric results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 64, 892-7	4	109
22	Image-fusion of MR spectroscopic images for treatment planning of gliomas. <i>Medical Physics</i> , 2006 , 33, 32-40	4.4	25
21	Intensity-modulated radiotherapy for lymphoma involving the mediastinum. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 62, 198-206	4	78
20	Radiation treatment planning techniques for lymphoma of the stomach. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 62, 745-51	4	48
19	Measurement of IMRT Head and Neck Setup Error Using an On-board Kilovoltage Imager. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 63, S353-S354	4	4
18	Accurate setup of paraspinal patients using a noninvasive patient immobilization cradle and portal imaging. <i>Medical Physics</i> , 2005 , 32, 2606-14	4.4	56

17	Intensity-modulated radiotherapy for soft tissue sarcoma of the thigh. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 59, 752-9	4	85
16	Intensity-modulated stereotactic radiotherapy of paraspinal tumors: a preliminary report. <i>Neurosurgery</i> , 2004 , 54, 823-30; discussion 830-1	3.2	128
15	Technological advances in external-beam radiation therapy for the treatment of localized prostate cancer. <i>Seminars in Oncology</i> , 2003 , 30, 596-615	5.5	69
14	In regard to Urie et al.: current calibration treatment, and treatment planning techniques among institutions participating in the Children's Oncology Group. <i>IJROBP</i> 2003;55:245-260. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003 , 56, 1209-10	4	1
13	Are the axillary lymph nodes treated by standard tangent breast fields?. <i>Journal of Surgical Oncology</i> , 2002 , 81, 12-6; discussion 17-8	2.8	22
12	High-dose intensity modulated radiation therapy for prostate cancer: early toxicity and biochemical outcome in 772 patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 53, 1111-6	4	644
11	IMRT of large fields: whole-abdomen irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 54, 278-89	4	86
10	A simplified intensity modulated radiation therapy technique for the breast. <i>Medical Physics</i> , 2002 , 29, 522-9	4.4	84
9	HIGH DOSE RADIATION DELIVERED BY INTENSITY MODULATED CONFORMAL RADIOTHERAPY IMPROVES THE OUTCOME OF LOCALIZED PROSTATE CANCER. <i>Journal of Urology</i> , 2001 , 166, 876-881	2.5	550
8	HIGH DOSE RADIATION DELIVERED BY INTENSITY MODULATED CONFORMAL RADIOTHERAPY IMPROVES THE OUTCOME OF LOCALIZED PROSTATE CANCER. <i>Journal of Urology</i> , 2001 , 876-881	2.5	9
7	High dose radiation delivered by intensity modulated conformal radiotherapy improves the outcome of localized prostate cancer. <i>Journal of Urology</i> , 2001 , 166, 876-81	2.5	127
6	Optimal matchline blocking and matchline dosimetry for lymphoma patients. <i>Medical Dosimetry</i> , 2000 , 25, 231-6	1.3	1
5	The deep inspiration breath-hold technique in the treatment of inoperable non-small-cell lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 48, 81-7	4	328
4	Breast IMRT: the potential for treatment improvement with intensity modulation in left-sided disease. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 48, 298	4	2
3	Clinical experience with intensity modulated radiation therapy (IMRT) in prostate cancer. <i>Radiotherapy and Oncology</i> , 2000 , 55, 241-9	5.3	424
2	Intensity-modulated tangential beam irradiation of the intact breast. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 44, 1155-64	4	227
1	Conformal technique dose escalation for prostate cancer: biochemical evidence of improved cancer control with higher doses in patients with pretreatment prostate-specific antigen > or = 10 NG/ML. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996 , 35, 861-8	4	142