

Locating and targeting moving tumors with radiation b

Medical Physics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	INVESTIGATION OF A STEREOSCOPIC CAMERA SYSTEM FOR GATED RADIOTHERAPY. <i>Radiotherapy and Oncology</i> , 2009, 92, S62-S63.	0.3	1
2	Verification of MLC based real-time tumor tracking using an electronic portal imaging device. <i>Medical Physics</i> , 2010, 37, 2435-2440.	1.6	10
3	Noninvasive stereotactic radiosurgery (CyberHeart) for creation of ablation lesions in the atrium. <i>Heart Rhythm</i> , 2010, 7, 802-810.	0.3	143
4	Tracking latency in image-based dynamic MLC tracking with direct image access. <i>Acta Oncologica</i> , 2011, 50, 952-959.	0.8	31
5	4D Cone-beam CT reconstruction using a motion model based on principal component analysis. <i>Medical Physics</i> , 2011, 38, 6697-6709.	1.6	24
6	A hybrid radiation detector for simultaneous spatial and temporal dosimetry. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2011, 34, 327-332.	1.4	4
7	Evaluation of deformable image registration and a motion model in CT images with limited features. <i>Physics in Medicine and Biology</i> , 2012, 57, 2539-2554.	1.6	34
8	Particle therapy for noncancer diseases. <i>Medical Physics</i> , 2012, 39, 1716-1727.	1.6	50
9	<i>In vivo</i> dose measurement using TLDs and MOSFET dosimeters for cardiac radiosurgery. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 190-203.	0.8	25
10	A Clinical Application of Fuzzy Logic. , 2012, , .		2
11	<i>Medical Physics</i> , 2013, 40, 091705.	1.6	52
12	Accuracy verification of infrared marker-based dynamic tumor tracking irradiation using the gimbaled	1.6	44
13	Toward correcting drift in target position during radiotherapy via computer-controlled couch adjustments on a programmable Linac. <i>Medical Physics</i> , 2013, 40, 051719.	1.6	13
14	Dose-Escalation Study for Cardiac Radiosurgery in a Porcine Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 590-598.	0.4	79
15	Improving the intra-fraction update efficiency of a correlation model used for internal motion estimation during real-time tumor tracking for SBRT patients: Fast update or no update?. <i>Radiotherapy and Oncology</i> , 2014, 112, 352-359.	0.3	25
16	Baseline correction of a correlation model for improving the prediction accuracy of infrared marker-based dynamic tumor tracking. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 14-22.	0.8	9
17	Long-term stability assessment of a 4D tumor tracking system integrated into a gimbaled linear accelerator. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 373-380.	0.8	11
18	Target localization errors from fiducial markers implanted around a lung tumor for dynamic tumor tracking. <i>Physica Medica</i> , 2015, 31, 934-941.	0.4	13

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19	A comparison of two clinical correlation models used for real-time tumor tracking of semi-periodic motion: A focus on geometrical accuracy in lung and liver cancer patients. <i>Radiotherapy and Oncology</i> , 2015, 115, 419-424.	0.3	31
20	Influence of the correlation modeling period on the prediction accuracy of infrared marker-based dynamic tumor tracking using a gimbaled X-ray head. <i>Physica Medica</i> , 2015, 31, 204-209.	0.4	10
21	Comparison of 3D and 4D Monte Carlo optimization in robotic tracking stereotactic body radiotherapy of lung cancer. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 161-171.	1.0	17
22	Inverse treatment planning for spinal robotic radiosurgery: an international multi-institutional benchmark trial. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 313-330.	0.8	34
23	Development of a four-axis moving phantom for patient-specific QA of surrogate signal-based tracking IMRT. <i>Medical Physics</i> , 2016, 43, 6364-6374.	1.6	16
24	Impact of sampling interval in training data acquisition on intrafractional predictive accuracy of indirect dynamic tumor tracking radiotherapy. <i>Medical Physics</i> , 2017, 44, 3899-3908.	1.6	7
25	Quantification of the kV X-ray imaging dose during real-time tumor tracking and from three- and four-dimensional cone-beam computed tomography in lung cancer patients using a Monte Carlo simulation. <i>Journal of Radiation Research</i> , 2018, 59, 173-181.	0.8	18
26	Prospective analysis of different combined regimens of stereotactic body radiation therapy and chemotherapy for locally advanced pancreatic cancer. <i>Cancer Medicine</i> , 2018, 7, 2913-2924.	1.3	16
27	Optimization of dose distributions of target volumes and organs at risk during stereotactic body radiation therapy for pancreatic cancer with dose-limiting auto-shells. <i>Radiation Oncology</i> , 2018, 13, 11.	1.2	9
28	First clinical real-time motion-including tumor dose reconstruction during radiotherapy delivery. <i>Radiotherapy and Oncology</i> , 2019, 139, 66-71.	0.3	21
29	Real-time intrafraction motion monitoring in external beam radiotherapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 15TR01.	1.6	130
30	Real-time control of respiratory motion: Beyond radiation therapy. <i>Physica Medica</i> , 2019, 66, 104-112.	0.4	13
31	Clinical outcomes and prognostic factors of stereotactic body radiation therapy combined with gemcitabine plus capecitabine for locally advanced unresectable pancreatic cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 417-428.	1.2	9
32	Image-guided Radiotherapy to Manage Respiratory Motion: Lung and Liver. <i>Clinical Oncology</i> , 2020, 32, 792-804.	0.6	33
33	The gimbaled-head radiotherapy system: Rise and downfall of a dedicated system for dynamic tumor tracking with real-time monitoring and dynamic WaveArc. <i>Radiotherapy and Oncology</i> , 2020, 153, 311-318.	0.3	11
34	Cardiac Radiosurgery (CyberHeart [®]) for Treatment of Arrhythmia: Physiologic and Histopathologic Correlation in the Porcine Model. <i>Cureus</i> , 2011, , .	0.2	12
35	Why still Multibeam Tomotherapy?. <i>IFMBE Proceedings</i> , 2009, , 725-727.	0.2	0
36	Local control of stereotactic body radiotherapy with dynamic tumor tracking for lung tumors: a propensity score-matched analysis. <i>Japanese Journal of Clinical Oncology</i> , 2022, , .	0.6	1

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37	Development of AI-driven prediction models to realize real-time tumor tracking during radiotherapy. Radiation Oncology, 2022, 17, 42.	1.2	1
38	Real-time motion monitoring using orthogonal cine MRI during MR-guided adaptive radiation therapy for abdominal tumors on 1.5T MR-Linac. Medical Physics, 2023, 50, 3103-3116.	1.6	8
39	In-vivo quality assurance of dynamic tumor tracking (DTT) for liver SABR using EPID images. Journal of Applied Clinical Medical Physics, 0, , .	0.8	0