

CITATION REPORT

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A monoscopic method for real-time tumour tracking using combined occasional x-ray imaging and continuous respiratory monitoring

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Physics in Medicine and Biology, 2008, 53, 2837-55.

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#	Paper	IF	Citations
41	Three-dimensional prostate position estimation with a single x-ray imager utilizing the spatial probability density. <i>Physics in Medicine and Biology</i> , 2008 , 53, 4331-53	3.8	73
40	Locating and targeting moving tumors with radiation beams. <i>Medical Physics</i> , 2008 , 35, 5684-94	4.4	32
39	First demonstration of combined kV/MV image-guided real-time dynamic multileaf-collimator target tracking. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 859-67	4	104
38	A comparison of the respiratory signals acquired by different respiratory monitoring systems used in respiratory gated radiotherapy. <i>Medical Physics</i> , 2010 , 37, 6178-86	4.4	33
37	Real-time tumor tracking using sequential kV imaging combined with respiratory monitoring: a general framework applicable to commonly used IGRT systems. <i>Physics in Medicine and Biology</i> , 2010 , 55, 3299-316	3.8	47
36	Efficient implementation of the rank correlation merit function for 2D/3D registration. <i>Physics in Medicine and Biology</i> , 2010 , 55, N465-71	3.8	7
35	Site-specific volumetric analysis of lung tumour motion. <i>Physics in Medicine and Biology</i> , 2010 , 55, 3325-37	3.8	6
34	A novel method for megavoltage scatter correction in cone-beam CT acquired concurrent with rotational irradiation. <i>Radiotherapy and Oncology</i> , 2011 , 100, 365-9	5.3	32
33	An algorithm to extract three-dimensional motion by marker tracking in the kV projections from an on-board imager: four-dimensional cone-beam CT and tumor tracking implications. <i>Journal of Applied Clinical Medical Physics</i> , 2011 , 12, 3407	2.3	9
32	A Bayesian approach to real-time 3D tumor localization via monoscopic x-ray imaging during treatment delivery. <i>Medical Physics</i> , 2011 , 38, 4205-14	4.4	34
31	Correlation and prediction uncertainties in the cyberknife synchrony respiratory tracking system. <i>Medical Physics</i> , 2011 , 38, 4036-44	4.4	81
30	Real-time target position estimation using stereoscopic kilovoltage/megavoltage imaging and external respiratory monitoring for dynamic multileaf collimator tracking. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 79, 269-78	4	36
29	Fiducial markers in prostate for kV imaging: quantification of visibility and optimization of imaging conditions. <i>Physics in Medicine and Biology</i> , 2012 , 57, 155-72	3.8	14
28	Adaptive external gating based on the updating method of internal/external correlation and gating window before each beam delivery. <i>Physics in Medicine and Biology</i> , 2012 , 57, N145-57	3.8	5
27	Experimental investigation of a general real-time 3D target localization method using sequential kV imaging combined with respiratory monitoring. <i>Physics in Medicine and Biology</i> , 2012 , 57, 7395-407	3.8	14
26	Real-time 2D/3D registration for tumor motion tracking during radiotherapy. 2012 ,		2
25	Monitoring tumor motion by real time 2D/3D registration during radiotherapy. <i>Radiotherapy and Oncology</i> , 2012 , 102, 274-80	5.3	59

24	Going Inside: Correlation between External and Internal Respiratory Motion. 2012 , 131-165		
23	Introduction. 2012 , 1-11		
22	Four dimensional radiotherapy: a review of current technologies and modalities. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2012 , 35, 399-406	1.9	12
21	Four dimensional CT imaging: a review of current technologies and modalities. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2012 , 35, 9-23	1.9	25
20	Correlation between external and internal respiratory motion: a validation study. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012 , 7, 483-92	3.9	32
19	State of the art radiation therapy for lung cancer 2012: a glimpse of the future. <i>Clinical Lung Cancer</i> , 2013 , 14, 89-95	4.9	31
18	4D VMAT, gated VMAT, and 3D VMAT for stereotactic body radiation therapy in lung. <i>Physics in Medicine and Biology</i> , 2013 , 58, 749-70	3.8	34
17	4D Modeling and Estimation of Respiratory Motion for Radiation Therapy. 2013 ,		21
16	Respiratory motion models: a review. <i>Medical Image Analysis</i> , 2013 , 17, 19-42	15.4	251
15	External respiratory motion analysis and statistics for patients and volunteers. <i>Journal of Applied Clinical Medical Physics</i> , 2013 , 14, 4051	2.3	32
14	Feasibility study on inverse four-dimensional dose reconstruction using the continuous dose-image of EPID. <i>Medical Physics</i> , 2013 , 40, 051702	4.4	7
13	A neural network-based 2D/3D image registration quality evaluator for pediatric patient setup in external beam radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2016 , 17, 22-33	2.3	5
12	Reconstruction of implanted marker trajectories from cone-beam CT projection images using interdimensional correlation modeling. <i>Medical Physics</i> , 2016 , 43, 4643	4.4	8
11	An online x-ray based position validation system for prostate hypofractionated radiotherapy. <i>Medical Physics</i> , 2016 , 43, 961-74	4.4	9
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9	Automatic patient positioning and gating window settings in respiratory-gated stereotactic body radiation therapy for pancreatic cancer using fluoroscopic imaging. <i>Journal of Applied Clinical Medical Physics</i> , 2018 , 19, 74-82	2.3	5
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6	Real-Time Tumor Motion Tracking in 3D Using Planning 4D CT Images during Image-Guided Radiation Therapy. <i>Algorithms</i> , 2018 , 11, 155	1.8	2
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3	Estimating Internal Respiratory Motion from Respiratory Surrogate Signals Using Correspondence Models. 2013 , 187-213		4
2	Image-Guided Adaptive Radiotherapy. 2010 , 213-223		2
1	Management of Respiratory-Induced Tumour Motion for Tailoring Target Volumes during Radiation Therapy. <i>Medical Radiology</i> , 2020 , 47-68	0.2	1