

CITATION REPORT

List of articles citing

The effect of transponder motion on the accuracy of the Calypso Electromagnetic localization system

DOI: 10.1016/j.ijrobp.2008.05.036

International Journal of Radiation Oncology Biology Physics, 2008, 72, 295-9.

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Version: 2024-04-28

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#	Paper	IF	Citations
25	Individualized margins for prostate patients using a wireless localization and tracking system. <i>Journal of Applied Clinical Medical Physics</i> , 2011 , 12, 3516	2.3	5
24	Expanding the use of real-time electromagnetic tracking in radiation oncology. <i>Journal of Applied Clinical Medical Physics</i> , 2011 , 12, 3590	2.3	36
23	Technologies of image guidance and the development of advanced linear accelerator systems for radiotherapy. <i>Frontiers of Radiation Therapy and Oncology</i> , 2011 , 43, 132-164		6
22	Couch-based motion compensation: modelling, simulation and real-time experiments. <i>Physics in Medicine and Biology</i> , 2012 , 57, 5787-807	3.8	22
21	Real-time tumor tracking in the lung using an electromagnetic tracking system. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 86, 477-83	4	62
20	Effects on the photon beam from an electromagnetic array used for patient localization and tumor tracking. <i>Journal of Applied Clinical Medical Physics</i> , 2013 , 14, 4138	2.3	4
19	Objected constrained registration and manifold learning: a new patient setup approach in image guided radiation therapy of thoracic cancer. <i>Medical Physics</i> , 2013 , 40, 041710	4.4	4
18	Calypso [®] 4D Localization System: a review. <i>Journal of Radiotherapy in Practice</i> , 2014 , 13, 473-483	0.4	6
17	Standardized accuracy assessment of the calypso wireless transponder tracking system. <i>Physics in Medicine and Biology</i> , 2014 , 59, 6797-810	3.8	26
16	Electromagnetic tracking in medicine--a review of technology, validation, and applications. <i>IEEE Transactions on Medical Imaging</i> , 2014 , 33, 1702-25	11.7	233
15	Validation of the Calypso Surface Beacon Transponder. <i>Journal of Applied Clinical Medical Physics</i> , 2016 , 17, 223-234	2.3	4
14	Technical Note: Validation and implementation of a wireless transponder tracking system for gated stereotactic ablative radiotherapy of the liver. <i>Medical Physics</i> , 2016 , 43, 2794-2801	4.4	15
13	Design of a moving bed for a radiation therapy system with multiple linear accelerators. <i>Microsystem Technologies</i> , 2017 , 23, 5239-5245	1.7	
12	Validation of dynamic treatment-couch tracking for prostate SBRT. <i>Medical Physics</i> , 2017 , 44, 2466-2477	4.4	15
11	Intrafractional Tracking Accuracy of a Transperineal Ultrasound Image Guidance System for Prostate Radiotherapy. <i>Technology in Cancer Research and Treatment</i> , 2017 , 16, 1067-1078	2.7	9
10	Advances in the use of motion management and image guidance in radiation therapy treatment for lung cancer. <i>Journal of Thoracic Disease</i> , 2018 , 10, S2437-S2450	2.6	22
9	Localization accuracy of two electromagnetic tracking systems in prostate cancer radiotherapy: A comparison with fiducial marker based kilovoltage imaging. <i>Physica Medica</i> , 2018 , 56, 10-18	2.7	9

8	ELPHA: Dynamically deformable liver phantom for real-time motion-adaptive radiotherapy treatments. <i>Medical Physics</i> , 2019 , 46, 839-850	4.4	9
7	Accuracy assessment of target tracking using two 5-degrees-of-freedom wireless transponders. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 369-377	3.9	3
6	Modeling movement-induced errors in AC electromagnetic trackers. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2020 , PP,	4	1
5	MLC tracking for lung SABR is feasible, efficient and delivers high-precision target dose and lower normal tissue dose. <i>Radiotherapy and Oncology</i> , 2021 , 155, 131-137	5.3	3
4	Geometric uncertainty analysis of MLC tracking for lung SABR. <i>Physics in Medicine and Biology</i> , 2020 , 65, 235040	3.8	3
3	An evaluation of interference of inflatable penile prostheses with electromagnetic localization and tracking system. <i>Medical Physics</i> , 2012 , 39, 4807-11	4.4	6
2	Augmented reality-guided positioning system for radiotherapy patients.. <i>Journal of Applied Clinical Medical Physics</i> , 2022 ,	2.3	2
1	Can bronchoscopically implanted anchored electromagnetic transponders be used to monitor tumor position and lung inflation during deep inspiration breath-hold lung radiotherapy?. <i>Medical Physics</i> , 2022 ,	4.4	