Investigating the Temporal Effects of Respiratory-Gated Radiotherapy Treatment Delivery on In Vitro Survival: A Study

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Citation Report

#	Article	IF	Citations
1	Delivery of fourâ€dimensional radiotherapy with TrackBeam for moving target using a dualâ€layer MLC: dynamic phantoms study. Journal of Applied Clinical Medical Physics, 2009, 10, 21-33.	0.8	20
2	Validation of Temporal Optimization Effects for a Single Fraction of Radiation In Vitro. International Journal of Radiation Oncology Biology Physics, 2009, 75, 1240-1246.	0.4	12
3	From clinical observations of intensity-modulated radiotherapy to dedicated in vitro designs. Mutation Research - Reviews in Mutation Research, 2010, 704, 200-205.	2.4	8
4	Effect of high dose per pulse flattening filter-free beams on cancer cell survival. Radiotherapy and Oncology, 2011, 101, 226-232.	0.3	76
5	Stereotactic Body Radiation Therapy in Nonâ€“Small-Cell Lung Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2011, 34, 432-441.	0.6	13
6	Applications of IMAT in cervical esophageal cancer radiotherapy: a comparison with fixedâ€field IMRT in dosimetry and implementation. Journal of Applied Clinical Medical Physics, 2011, 12, 48-57.	0.8	18
7	Radiation Therapy for Nasopharyngeal Carcinoma Using Simultaneously Integrated Boost (SIB) Protocol: A Comparison Planning Study between Intensity Modulated Arc Radiotherapy vs. Intensity Modulated Radiotherapy. Technology in Cancer Research and Treatment, 2012, 11, 415-420.	0.8	8
8	Quality assurance for nonradiographic radiotherapy localization and positioning systems: Report of Task Group 147. Medical Physics, 2012, 39, 1728-1747.	1.6	100
9	Optimization of temporal dose modulation: Comparison of theory and experiment. Medical Physics, 2012, 39, 3181-3188.	1.6	7
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14	Performance evaluation of respiratory motionâ€synchronized dynamic IMRT delivery. Journal of Applied Clinical Medical Physics, 2013, 14, 39-51.	0.8	12
15	Estimation of cell response in fractionation radiotherapy using different methods derived from linear quadratic model. Radiology and Oncology, 2015, 49, 347-356.	0.6	2
16	Stereotactic Body Radiation Therapy for Liver Cancer: A Review of the Technology. Journal of Medical Imaging and Radiation Sciences, 2015, 46, 343-350.	0.2	2
17	Can high dose rates used in cancer radiotherapy change therapeutic effectiveness?. Wspolczesna Onkologia, 2016, 6, 449-452.	0.7	8
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19	Performance assessment of a programmable five degrees-of-freedom motion platform for quality assurance of motion management techniques in radiotherapy. Australasian Physical and Engineering Sciences in Medicine, 2017, 40, 643-649.	1.4	8
20	Correlation between intrafractional motion and dosimetric changes for prostate <scp>IMRT</scp>: Comparison of different adaptive strategies. Journal of Applied Clinical Medical Physics, 2018, 19, 87-97.	0.8	5
21	Breath-hold MR-HIFU hyperthermia: phantom and <i>in vivo</i> feasibility. International Journal of Hyperthermia, 2019, 36, 1083-1096.	1.1	8
22	Delivery of Radiation at the Lowest Dose Rate by a Modern Linear Accelerator is Most Effective in Inhibiting Prostate Cancer Growth. Technology in Cancer Research and Treatment, 2020, 19, 153303382093552.	0.8	2
23	Effectiveness of Flattening-Filter-Free versus Flattened Beams in V79 and Glioblastoma Patient-Derived Stem-like Cells. International Journal of Molecular Sciences, 2023, 24, 1107.	1.8	1