

Thomas Ravkilde

List of Publications by Year in descending order

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papers

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363
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#	ARTICLE	IF	CITATIONS
1	A dosimetric comparison of real-time adaptive and non-adaptive radiotherapy: A multi-institutional study encompassing robotic, gimbaled, multileaf collimator and couch tracking. <i>Radiotherapy and Oncology</i> , 2016, 119, 159-165.	0.6	82
2	Electromagnetic guided couch and multileaf collimator tracking on a TrueBeam accelerator. <i>Medical Physics</i> , 2016, 43, 2387-2398.	3.0	42
3	First online real-time evaluation of motion-induced 4D dose errors during radiotherapy delivery. <i>Medical Physics</i> , 2018, 45, 3893-3903.	3.0	29
4	Geometric accuracy of dynamic MLC tracking with an implantable wired electromagnetic transponder. <i>Acta Oncologica</i> , 2011, 50, 944-951.	1.8	28
5	Time-resolved dose distributions to moving targets during volumetric modulated arc therapy with and without dynamic MLC tracking. <i>Medical Physics</i> , 2013, 40, 111723.	3.0	24
6	Fast motion-including dose error reconstruction for VMAT with and without MLC tracking. <i>Physics in Medicine and Biology</i> , 2014, 59, 7279-7296.	3.0	22
7	First clinical real-time motion-including tumor dose reconstruction during radiotherapy delivery. <i>Radiotherapy and Oncology</i> , 2019, 139, 66-71.	0.6	21
8	An experimentally validated couch and MLC tracking simulator used to investigate hybrid couch-MLC tracking. <i>Medical Physics</i> , 2017, 44, 798-809.	3.0	20
9	Setup strategies and uncertainties in esophageal radiotherapy based on detailed intra- and interfractional tumor motion mapping. <i>Radiotherapy and Oncology</i> , 2019, 136, 161-168.	0.6	18
10	Time-resolved dose reconstruction by motion encoding of volumetric modulated arc therapy fields delivered with and without dynamic multi-leaf collimator tracking. <i>Acta Oncologica</i> , 2013, 52, 1497-1503.	1.8	13
11	Simulated real-time dose reconstruction for moving tumors in stereotactic liver radiotherapy. <i>Medical Physics</i> , 2019, 46, 4738-4748.	3.0	9
12	Simulated multileaf collimator tracking for stereotactic liver radiotherapy guided by kilovoltage intrafraction monitoring: Dosimetric gain and target overdose trends. <i>Radiotherapy and Oncology</i> , 2020, 144, 93-100.	0.6	8
13	Real-time dose-guidance in radiotherapy: proof of principle. <i>Radiotherapy and Oncology</i> , 2021, 164, 175-182.	0.6	8
14	Experimental investigation of dynamic real-time rotation-including dose reconstruction during prostate tracking radiotherapy. <i>Medical Physics</i> , 2022, 49, 3574-3584.	3.0	5
15	Density calibrated cone beam CT as a tool for adaptive radiotherapy. <i>Acta Oncologica</i> , 2021, 60, 1275-1282.	1.8	3
16	Six degrees of freedom dynamic motion-including dose reconstruction in a commercial treatment planning system. <i>Medical Physics</i> , 2021, 48, 1427-1435.	3.0	2