Thomas Ravkilde

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8034301/publications.pdf

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16	334	933447	940533
papers	citations	10	16
		h-index	g-index

16	16	16	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Experimental investigation of dynamic realâ€time rotationâ€including dose reconstruction during prostate tracking radiotherapy. Medical Physics, 2022, 49, 3574-3584.	3.0	5
2	Six degrees of freedom dynamic motionâ€including dose reconstruction in a commercial treatment planning system. Medical Physics, 2021, 48, 1427-1435.	3.0	2
3	Density calibrated cone beam CT as a tool for adaptive radiotherapy. Acta OncolÃ³gica, 2021, 60, 1275-1282.	1.8	3
4	Real-time dose-guidance in radiotherapy: proof of principle. Radiotherapy and Oncology, 2021, 164, 175-182.	0.6	8
5	Simulated multileaf collimator tracking for stereotactic liver radiotherapy guided by kilovoltage intrafraction monitoring: Dosimetric gain and target overdose trends. Radiotherapy and Oncology, 2020, 144, 93-100.	0.6	8
6	Simulated realâ€time dose reconstruction for moving tumors in stereotactic liver radiotherapy. Medical Physics, 2019, 46, 4738-4748.	3.0	9
7	First clinical real-time motion-including tumor dose reconstruction during radiotherapy delivery. Radiotherapy and Oncology, 2019, 139, 66-71.	0.6	21
8	Setup strategies and uncertainties in esophageal radiotherapy based on detailed intra- and interfractional tumor motion mapping. Radiotherapy and Oncology, 2019, 136, 161-168.	0.6	18
9	First online realâ€time evaluation of motionâ€induced 4D dose errors during radiotherapy delivery. Medical Physics, 2018, 45, 3893-3903.	3.0	29
10	An experimentally validated couch and MLC tracking simulator used to investigate hybrid couchâ€MLC tracking. Medical Physics, 2017, 44, 798-809.	3.0	20
11	Electromagnetic guided couch and multileaf collimator tracking on a TrueBeam accelerator. Medical Physics, 2016, 43, 2387-2398.	3.0	42
12	A dosimetric comparison of real-time adaptive and non-adaptive radiotherapy: A multi-institutional study encompassing robotic, gimbaled, multileaf collimator and couch tracking. Radiotherapy and Oncology, 2016, 119, 159-165.	0.6	82
13	Fast motion-including dose error reconstruction for VMAT with and without MLC tracking. Physics in Medicine and Biology, 2014, 59, 7279-7296.	3.0	22
14	Time-resolved dose reconstruction by motion encoding of volumetric modulated arc therapy fields delivered with and without dynamic multi-leaf collimator tracking. Acta OncolÃ³gica, 2013, 52, 1497-1503.	1.8	13
15	Timeâ€resolved dose distributions to moving targets during volumetric modulated arc therapy with and without dynamic MLC tracking. Medical Physics, 2013, 40, 111723.	3.0	24
16	Geometric accuracy of dynamic MLC tracking with an implantable wired electromagnetic transponder. Acta OncolÃ³gica, 2011, 50, 944-951.	1.8	28