

Daniel Richter

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

377
citations

840776

11
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Significance of intra-fractional motion for pancreatic patients treated with charged particles. <i>Radiation Oncology</i> , 2018, 13, 120.	2.7	20
2	ECG-based 4D-dose reconstruction of cardiac arrhythmia ablation with carbon ion beams: application in a porcine model. <i>Physics in Medicine and Biology</i> , 2017, 62, 6869-6883.	3.0	14
3	Immobilization for carbon ion beam ablation of cardiac structures in a porcine model. <i>Physica Medica</i> , 2017, 43, 134-139.	0.7	4
4	Initial clinical evaluation of PET-based ion beam therapy monitoring under consideration of organ motion. <i>Medical Physics</i> , 2016, 43, 975-982.	3.0	11
5	Feasibility Study on Cardiac Arrhythmia Ablation Using High-Energy Heavy Ion Beams. <i>Scientific Reports</i> , 2016, 6, 38895.	3.3	92
6	4D offline PET-based treatment verification in scanned ion beam therapy: a phantom study. <i>Physics in Medicine and Biology</i> , 2015, 60, 6227-6246.	3.0	4
7	Treatment Parameters Optimization to Compensate for Interfractional Anatomy Variability and Intrafractional Tumor Motion. <i>Frontiers in Oncology</i> , 2015, 5, 291.	2.8	6
8	Treatment of arrhythmias by external charged particle beams: a Langendorff feasibility study. <i>Biomedizinische Technik</i> , 2015, 60, 147-56.	0.8	13
9	Robustness of target dose coverage to motion uncertainties for scanned carbon ion beam tracking therapy of moving tumors. <i>Physics in Medicine and Biology</i> , 2015, 60, 1717-1740.	3.0	17
10	Ion therapy of prostate cancer: daily rectal dose reduction by application of spacer gel. <i>Radiation Oncology</i> , 2015, 10, 56.	2.7	17
11	Atrioventricular Node Ablation in Langendorff-Perfused Porcine Hearts Using Carbon Ion Particle Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 429-438.	4.8	41
12	Residual motion mitigation in scanned carbon ion beam therapy of liver tumors using enlarged pencil beam overlap. <i>Radiotherapy and Oncology</i> , 2014, 113, 290-295.	0.6	31
13	Four-Dimensional Patient Dose Reconstruction for Scanned Ion Beam Therapy of Moving Liver Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 175-181.	0.8	43
14	30: Studying inter- and intrafraction motion mitigation with sequential 4DCTs of lung tumor patients. <i>Radiotherapy and Oncology</i> , 2014, 110, S15-S16.	0.6	0
15	Current status of 4D offline PET-based treatment verification at the Heidelberg Ion-Beam Therapy Center. , 2013, , .		1
16	Scanned carbon beam irradiation of moving films: comparison of measured and calculated response. <i>Radiation Oncology</i> , 2012, 7, 55.	2.7	14