

Daniel Richter

List of Publications by Year in descending order

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16
papers

377
citations

840776

11
h-index

996975

15
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17
all docs

17
docs citations

17
times ranked

525
citing authors

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