

Jens M Edmund

List of Publications by Year in descending order

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15
papers

774
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

876
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of substitute CT generation for MRI-only radiation therapy. <i>Radiation Oncology</i> , 2017, 12, 28.	2.7	278
2	Patch-based generation of a pseudo CT from conventional MRI sequences for MRI-only radiotherapy of the brain. <i>Medical Physics</i> , 2015, 42, 1596-1605.	3.0	119
3	A voxel-based investigation for MRI-only radiotherapy of the brain using ultra short echo times. <i>Physics in Medicine and Biology</i> , 2014, 59, 7501-7519.	3.0	89
4	A criterion for the reliable use of MRI-only radiotherapy. <i>Radiation Oncology</i> , 2014, 9, 16.	2.7	78
5	A patch-based pseudo-CT approach for MRI-only radiotherapy in the pelvis. <i>Medical Physics</i> , 2016, 43, 4742-4752.	3.0	63
6	Cone beam computed tomography guided treatment delivery and planning verification for magnetic resonance imaging only radiotherapy of the brain. <i>Acta Oncologica</i> , 2015, 54, 1496-1500.	1.8	34
7	Temperature dependence of the Al ₂ O ₃ :C response in medical luminescence dosimetry. <i>Radiation Measurements</i> , 2007, 42, 177-189.	1.4	26
8	A track structure model of optically stimulated luminescence from Al ₂ O ₃ :C irradiated with 10 ⁶ -60MeV protons. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 262, 261-275.	1.4	20
9	Precision of RL/OSL medical dosimetry with fiber-coupled Al ₂ O ₃ :C: Influence of readout delay and temperature variations. <i>Radiation Measurements</i> , 2010, 45, 653-657.	1.4	20
10	Temperature coefficients for in vivo RL and OSL dosimetry using. <i>Radiation Measurements</i> , 2008, 43, 948-953.	1.4	15
11	Dual-energy material decomposition for cone-beam computed tomography in image-guided radiotherapy. <i>Acta Oncologica</i> , 2019, 58, 1483-1488.	1.8	8
12	Incorrect dosimetric leaf separation in IMRT and VMAT treatment planning: Clinical impact and correlation with pretreatment quality assurance. <i>Physica Medica</i> , 2016, 32, 918-925.	0.7	7
13	MR-based CT metal artifact reduction for head-and-neck photon, electron, and proton radiotherapy. <i>Medical Physics</i> , 2019, 46, 4314-4323.	3.0	7
14	A coupled RL and transport model for mixed-field proton irradiation of Al ₂ O ₃ :C. <i>Radiation Measurements</i> , 2008, 43, 1049-1053.	1.4	6
15	Cone beam computed tomography based image guidance and quality assessment of prostate cancer for magnetic resonance imaging-only radiotherapy in the pelvis. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 18, 55-60.	2.9	4