The Australian Magnetic Resonance Imaging–Linac P

Citation Report

#	Article	IF	Citations
1	Monte Carlo simulation of the dose response of a novel 2D silicon diode array for use in hybrid MRIâ€"LINAC systems. Medical Physics, 2015, 42, 856-865.	1.6	17
2	Dose enhancement in radiotherapy of small lung tumors using inline magnetic fields: A Monte Carlo based planning study. Medical Physics, 2015, 43, 368-377.	1.6	30
3	Characterization of the onboard imaging unit for the first clinical magnetic resonance image guided radiation therapy system. Medical Physics, 2015, 42, 5828-5837.	1.6	52
5	Quantification of lung tumor rotation with automated landmark extraction using orthogonal cine MRI images. Physics in Medicine and Biology, 2015, 60, 7165-7178.	1.6	21
6	QA procedures needed for advanced RT techniques and its impact on treatment outcome. Journal of Physics: Conference Series, 2015, 573, 012001.	0.3	5
7	Prostate cancer radiotherapy: potential applications of metal nanoparticles for imaging and therapy. British Journal of Radiology, 2015, 88, 20150256.	1.0	10
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9	AGuIX nanoparticles as a promising platform for image-guided radiation therapy. Cancer Nanotechnology, 2015, 6, 4.	1.9	63
10	Image-guided radiotherapy and motion management in lung cancer. British Journal of Radiology, 2015, 88, 20150100.	1.0	49
11	Magnetic Resonance Imagingâ€"Guided versus Surrogate-Based Motion Tracking in Liver Radiation Therapy: A Prospective Comparative Study. International Journal of Radiation Oncology Biology Physics, 2015, 91, 840-848.	0.4	41
12	Proton beam deflection in MRI fields: Implications for MRIâ€guided proton therapy. Medical Physics, 2015, 42, 2113-2124.	1.6	63
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16	MRI-based IMRT planning for MR-linac: comparison between CT- and MRI-based plans for pancreatic and prostate cancers. Physics in Medicine and Biology, 2016, 61, 3819-3842.	1.6	38
17	A particle filter based autocontouring algorithm for lung tumor tracking using dynamic magnetic resonance imaging. Medical Physics, 2016, 43, 5161-5169.	1.6	14
18	Performance of a cylindrical diode array for use in a 1.5 T MR-linac. Physics in Medicine and Biology, 2016, 61, N80-N89.	1.6	48
19	A novel electron accelerator for MRI-Linac radiotherapy. Medical Physics, 2016, 43, 1285-1294.	1.6	14

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21	A comparative study of automatic image segmentation algorithms for target tracking in MR‐IGRT. Journal of Applied Clinical Medical Physics, 2016, 17, 441-460.	0.8	25
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23	Technical Note: Experimental results from a prototype high‐field inline MRI‐linac. Medical Physics, 2016, 43, 5188-5194.	1.6	43
25	Technical Note: A fast online adaptive replanning method for VMAT using flattening filter free beams. Medical Physics, 2016, 43, 2756-2764.	1.6	14
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