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List of Publications by Year in descending order

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27
papers

887
citations

566801

15
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

1535
citing authors

#	ARTICLE	IF	CITATIONS
1	FAZA PET/CT hypoxia imaging in patients with squamous cell carcinoma of the head and neck treated with radiotherapy: Results from the DAHANCA 24 trial. <i>Radiotherapy and Oncology</i> , 2012, 105, 14-20.	0.3	266
2	Inclusion of functional information from perfusion SPECT improves predictive value of dose-volume parameters in lung toxicity outcome after radiotherapy for non-small cell lung cancer: A prospective study. <i>Radiotherapy and Oncology</i> , 2015, 117, 9-16.	0.3	58
3	Disentangling Surface, Bulk, and Space-Charge-Layer Conductivity in Si(111) (7Å-7). <i>Physical Review Letters</i> , 2006, 97, 206803.	2.9	52
4	PET hypoxia imaging with FAZA: reproducibility at baseline and during fractionated radiotherapy in tumour-bearing mice. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 186-197.	3.3	49
5	Apparent diffusion coefficients in GEC ESTRO target volumes for image guided adaptive brachytherapy of locally advanced cervical cancer. <i>Acta Oncologica</i> , 2010, 49, 978-983.	0.8	41
6	Apparent Diffusion Coefficient (ADC) as a quantitative parameter in diffusion weighted MR imaging in gynecologic cancer: Dependence on b-values used. <i>Acta Oncologica</i> , 2010, 49, 1017-1022.	0.8	40
7	Are complex DCE-MRI models supported by clinical data?. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 1329-1339.	1.9	40
8	Parametrial boosting in locally advanced cervical cancer: Combined intracavitary/interstitial brachytherapy vs. intracavitary brachytherapy plus external beam radiotherapy. <i>Brachytherapy</i> , 2015, 14, 23-28.	0.2	35
9	The conductivity of Bi(111) investigated with nanoscale four point probes. <i>Journal of Applied Physics</i> , 2008, 104, 053717.	1.1	32
10	Cognitive impairment following radiation to hippocampus and other brain structures in adults with primary brain tumours. <i>Radiotherapy and Oncology</i> , 2020, 148, 1-7.	0.3	32
11	Uncertainties of deformable image registration for dose accumulation of high-dose regions in bladder and rectum in locally advanced cervical cancer. <i>Brachytherapy</i> , 2015, 14, 953-962.	0.2	29
12	Visual Analytics for the Exploration of Tumor Tissue Characterization. <i>Computer Graphics Forum</i> , 2015, 34, 11-20.	1.8	22
13	Tracer kinetic model selection for dynamic contrast-enhanced magnetic resonance imaging of locally advanced cervical cancer. <i>Acta Oncologica</i> , 2014, 53, 1064-1072.	0.8	21
14	A method for selection of beam angles robust to intra-fractional motion in proton therapy of lung cancer. <i>Acta Oncologica</i> , 2014, 53, 1058-1063.	0.8	21
15	Clinical validation of a 4D-CT based method for lung ventilation measurement in phantoms and patients. <i>Acta Oncologica</i> , 2011, 50, 897-907.	0.8	18
16	Diffusion tensor magnetic resonance imaging driven growth modeling for radiotherapy target definition in glioblastoma. <i>Acta Oncologica</i> , 2017, 56, 1639-1643.	0.8	16
17	Surface-sensitive conductance measurements on clean and stepped semiconductor surfaces: Numerical simulations of four point probe measurements. <i>Surface Science</i> , 2008, 602, 1742-1749.	0.8	15
18	Correction of diffusion-weighted magnetic resonance imaging for brachytherapy of locally advanced cervical cancer. <i>Acta Oncologica</i> , 2014, 53, 1073-1078.	0.8	15

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19	An adaptive radiotherapy planning strategy for bladder cancer using deformation vector fields. <i>Radiotherapy and Oncology</i> , 2014, 112, 371-375.	0.3	15
20	Phantom-based quality assurance for multicenter quantitative MRI in locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , 2020, 153, 114-121.	0.3	15
21	Thermal switching of the electrical conductivity of Si(111)Ag due to a surface phase transition. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 176008.	0.7	13
22	Diffusion-weighted magnetic resonance imaging during radiotherapy of locally advanced cervical cancer – treatment response assessment using different segmentation methods. <i>Acta Oncologica</i> , 2015, 54, 1535-1542.	0.8	12
23	Proof of principle: Applicator-guided stereotactic IMRT boost in combination with 3D MRI-based brachytherapy in locally advanced cervical cancer. <i>Brachytherapy</i> , 2014, 13, 361-368.	0.2	10
24	A national study on the inter-observer variability in the delineation of organs at risk in the brain. <i>Acta Oncologica</i> , 2021, 60, 1548-1554.	0.8	10
25	Intensity modulated proton therapy planning study for organ at risk sparing in rectal cancer re-irradiation. <i>Acta Oncologica</i> , 2021, 60, 1436-1439.	0.8	4
26	Associations between patient-reported outcomes and radiation dose in patients treated with radiation therapy for primary brain tumours. <i>Clinical and Translational Radiation Oncology</i> , 2021, 31, 86-92.	0.9	3
27	Multi-parametric PET/MRI for enhanced tumor characterization of patients with cervical cancer. <i>European Journal of Hybrid Imaging</i> , 2022, 6, 7.	0.6	3