

Carsten Brink

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

3,644
citations

168829

31
h-index

175968

55
g-index

164
all docs

164
docs citations

164
times ranked

4054
citing authors

#	ARTICLE	IF	CITATIONS
1	Online adaptive radiotherapy potentially reduces toxicity for high-risk prostate cancer treatment. <i>Radiotherapy and Oncology</i> , 2022, 167, 165-171.	0.3	30
2	Safety of gadolinium based contrast agents in magnetic resonance imaging-guided radiotherapy – An investigation of chelate stability using relaxometry. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 21, 96-100.	1.2	11
3	Robust extraction of biological information from diffusion-weighted magnetic resonance imaging during radiotherapy using semi-automatic delineation. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 21, 146-152.	1.2	4
4	Causal relation between heart irradiation and survival of lung cancer patients after radiotherapy. <i>Radiotherapy and Oncology</i> , 2022, 172, 126-133.	0.3	7
5	OC-0751 Collecting Complete Radiotherapy Plan Data of 11,000+ Patients in a National Database. <i>Radiotherapy and Oncology</i> , 2022, 170, S663-S664.	0.3	0
6	PO-1689 Potential NTCP reductions for high-risk prostate cancer patients by MR-guided adaptive radiotherapy. <i>Radiotherapy and Oncology</i> , 2022, 170, S1488-S1489.	0.3	0
7	PD-0237 The dosimetric impact of motion during ungated MR guided SBRT of adrenal gland metastases is limited. <i>Radiotherapy and Oncology</i> , 2022, 170, S197-S200.	0.3	0
8	PO-1754 Delineation-related ADC variation between centres in the Elekta Unity MR linac Consortium. <i>Radiotherapy and Oncology</i> , 2022, 170, S1557-S1558.	0.3	0
9	MO-0879 Automatic detection of delineation outliers at an MR linac. <i>Radiotherapy and Oncology</i> , 2022, 170, S767-S768.	0.3	0
10	OC-0136 Acute toxicity reported by patients with prostate cancer receiving online MR-guided radiotherapy. <i>Radiotherapy and Oncology</i> , 2022, 170, S112-S113.	0.3	0
11	PD-0891 Validation of EPID reference pixel for MLC and jaw calibration on a high-field MR linear accelerator. <i>Radiotherapy and Oncology</i> , 2022, 170, S782-S783.	0.3	1
12	OC-0754 TRIPOD level-4 validation for a larynx cancer survival model using distributed learning. <i>Radiotherapy and Oncology</i> , 2022, 170, S667-S668.	0.3	0
13	PO-1421 Is it possible to deliver on-line MR-guided RT for prostate cancer within a feasible time frame?. <i>Radiotherapy and Oncology</i> , 2022, 170, S1204-S1205.	0.3	0
14	End-to-end validation of the geometric dose delivery performance of MR linac adaptive radiotherapy. <i>Physics in Medicine and Biology</i> , 2021, 66, 045034.	1.6	12
15	Accuracy of automatic structure propagation for daily magnetic resonance image-guided head and neck radiotherapy. <i>Acta Oncologica</i> , 2021, 60, 589-597.	0.8	13
16	Prospectively scored pulmonary toxicities in non-small cell lung cancer: Results from a randomized phase II dose escalation trial. <i>Clinical and Translational Radiation Oncology</i> , 2021, 27, 8-14.	0.9	0
17	Tumour motion analysis from planning to end of treatment course for a large cohort of peripheral lung SBRT targets. <i>Acta Oncologica</i> , 2021, 60, 1407-1412.	0.8	3
18	Evolution of the gross tumour volume extent during radiotherapy for glioblastomas. <i>Radiotherapy and Oncology</i> , 2021, 160, 40-46.	0.3	12

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19	Automatic treatment planning of VMAT for left-sided breast cancer with lymph nodes. Acta Oncologica, 2021, 60, 1425-1431.	0.8	5
20	Validation of a new open-source method for automatic delineation and dose assessment of the heart and LADCA in breast radiotherapy with simultaneous uncertainty estimation. Physics in Medicine and Biology, 2021, 66, 035014.	1.6	3
21	Tumor regression during radiotherapy for non-small cell lung cancer patients using cone-beam computed tomography images. Strahlentherapie Und Onkologie, 2020, 196, 159-171.	1.0	6
22	A randomized phase III trial for alleviating radiation-induced xerostomia with chewing gum. Radiotherapy and Oncology, 2020, 142, 72-78.	0.3	12
23	Localised delineation uncertainty for iterative atlas selection in automatic cardiac segmentation. Physics in Medicine and Biology, 2020, 65, 035011.	1.6	9
24	Analysis of cardiac substructure dose in a large, multi-centre danish breast cancer cohort (the DBCG) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	12
25	Stereotactic Ablation of Metastases in the Adrenal Glands Using MR Guided External Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2020, 108, e184-e185.	0.4	0
26	Tumor-site specific geometric distortions in high field integrated magnetic resonance linear accelerator radiotherapy. Physics and Imaging in Radiation Oncology, 2020, 15, 100-104.	1.2	10
27	Radiation-induced risk of ischemic heart disease following breast cancer radiotherapy in Denmark, 1977â€“2005. Radiotherapy and Oncology, 2020, 152, 103-110.	0.3	39
28	Accuracy of automatic deformable structure propagation for high-field MRI guided prostate radiotherapy. Radiation Oncology, 2020, 15, 32.	1.2	21
29	Multicenter evaluation of MRIâ€“based radiomic features: A phantom study. Medical Physics, 2020, 47, 3054-3063.	1.6	44
30	Prediction of radiation-induced mucositis of H&N cancer patients based on a large patient cohort. Radiotherapy and Oncology, 2020, 147, 15-21.	0.3	15
31	PH-0367: Evolution of the tumour extent during long course radiotherapy for glioblastoma patients. Radiotherapy and Oncology, 2020, 152, S198-S199.	0.3	0
32	PH-0407: Tumour-site specific geometric distortions in high field MR-Linac treatments. Radiotherapy and Oncology, 2020, 152, S218-S219.	0.3	0
33	PH-0530: End-to-end measured geometric dose delivery accuracy and precision in MR linac adapted radiotherapy. Radiotherapy and Oncology, 2020, 152, S292-S293.	0.3	0
34	PO-1378: PO-1378 Radiation attenuation comparison of the couch and coil structures for two Unity MR-Linacs. Radiotherapy and Oncology, 2020, 152, S731-S732.	0.3	2
35	PO-0799: Target delineation uncertainties using MRI for H&N cancer patients. Radiotherapy and Oncology, 2020, 152, S434.	0.3	0
36	PO-1648: Impact of image deformation workflow in high-field MR-Linac treatment of head and neck cancer. Radiotherapy and Oncology, 2020, 152, S904.	0.3	0

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37	Osteoradionecrosis of the mandible after radiotherapy for head and neck cancer: risk factors and dose-volume correlations. <i>Acta Oncologica</i> , 2019, 58, 1373-1377.	0.8	102
38	Relationship between patient and physician-rated xerostomia and dose distribution to the oral cavity and salivary glands for head and neck cancer patients after radiotherapy. <i>Acta Oncologica</i> , 2019, 58, 1366-1372.	0.8	16
39	First clinical experiences with a high field 1.5 T MR linac. <i>Acta Oncologica</i> , 2019, 58, 1352-1357.	0.8	72
40	PO-0896 Motorised 3D printed water tank designed for measurements in MR linear accelerators. <i>Radiotherapy and Oncology</i> , 2019, 133, S474-S475.	0.3	1
41	PO-1028 Absolute validation of MR versus radiation iso-center on a high-field MR linac. <i>Radiotherapy and Oncology</i> , 2019, 133, S570-S571.	0.3	0
42	EP-1352 Locally advanced NSCLC: performance status based eligibility for adjuvant check point inhibitor. <i>Radiotherapy and Oncology</i> , 2019, 133, S739-S740.	0.3	0
43	EP-1555 Precision of deformable image registration for high-field MR-Linac treatment of prostate cancer. <i>Radiotherapy and Oncology</i> , 2019, 133, S839-S840.	0.3	1
44	OC-0403 Type 4 TRIPOD external validation of a larynx survival model. <i>Radiotherapy and Oncology</i> , 2019, 133, S205-S206.	0.3	0
45	PO-1030 Absolute validation of Multi Leaf Collimator (MLC) positions on a high-field MR linac.. <i>Radiotherapy and Oncology</i> , 2019, 133, S571-S572.	0.3	1
46	EP-1714 Comparison of geometrical distortion of 1.5 T MR sim and 1.5 T MR linac. <i>Radiotherapy and Oncology</i> , 2019, 133, S923-S924.	0.3	0
47	Comparison of Geometrical Distortion in MR Images from of Low-Field and High-Field MR-Linac. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, S239.	0.4	2
48	Feasibility of Actinic Castration Treatment in Breast Cancer Patients Using MR Guided External Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, S102.	0.4	0
49	Accuracy of Automatic Structure Propagation for Daily High-Field Magnetic Resonance Image-Guided Head and Neck Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E786.	0.4	1
50	Longitudinal radiomics of cone-beam CT images from non-small cell lung cancer patients: Evaluation of the added prognostic value for overall survival and locoregional recurrence. <i>Radiotherapy and Oncology</i> , 2019, 136, 78-85.	0.3	48
51	Local recurrences after curative IMRT for HNSCC: Effect of different GTV to high-dose CTV margins. <i>Radiotherapy and Oncology</i> , 2018, 126, 48-55.	0.3	41
52	DBCG hypo trial validation of radiotherapy parameters from a national data bank versus manual reporting. <i>Acta Oncologica</i> , 2018, 57, 107-112.	0.8	17
53	Feasibility and Consistency of On-Treatment Cone Beam CT (CBCT) Feature Extraction Using an Automated Deformable Registration Radiomics Pipeline. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, S71-S72.	0.4	0
54	Breast cancer patients report reduced sensitivity and pain using a barrier film during radiotherapy – A Danish intra-patient randomized multicentre study. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2018, 7, 20-25.	0.6	32

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55	PO-0853: The impact of comprehensive geriatric assessment in NSCLC patients treated with SBRT. <i>Radiotherapy and Oncology</i> , 2018, 127, S446-S447.	0.3	0
56	EP-2139: Simple suppression of streaks in small FOV 4D-CBCT. <i>Radiotherapy and Oncology</i> , 2018, 127, S1179-S1180.	0.3	0
57	Plan quality for high-risk prostate cancer treated with high field magnetic resonance imaging guided radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 7, 1-8.	1.2	14
58	Impact of comprehensive geriatric assessment on quality of life, overall survival, and unplanned admission in patients with non-small cell lung cancer treated with stereotactic body radiotherapy. <i>Journal of Geriatric Oncology</i> , 2018, 9, 575-582.	0.5	20
59	Accuracy of dose calculation based on artefact corrected Cone Beam CT images of lung cancer patients. <i>Physics and Imaging in Radiation Oncology</i> , 2017, 1, 6-11.	1.2	35
60	Extent and computed tomography appearance of early radiation induced lung injury for non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 123, 93-98.	0.3	13
61	Magnetic resonance only workflow and validation of dose calculations for radiotherapy of prostate cancer. <i>Acta Oncol³gica</i> , 2017, 56, 787-791.	0.8	24
62	A randomized phase II trial of concurrent chemoradiation with two doses of radiotherapy, 60 Gy and 66 Gy, concomitant with a fixed dose of oral vinorelbine in locally advanced NSCLC. <i>Radiotherapy and Oncology</i> , 2017, 123, 276-281.	0.3	20
63	Survival prediction of non-small cell lung cancer patients using radiomics analyses of cone-beam CT images. <i>Radiotherapy and Oncology</i> , 2017, 123, 363-369.	0.3	136
64	P2.02-049 Gender and Risk of Cessation of Oral Vinorelbine in a Randomized Trial of Concurrent Chemoradiation of Locally Advanced NSCLC. <i>Journal of Thoracic Oncology</i> , 2017, 12, S877-S878.	0.5	0
65	Contouring and dose calculation in head and neck cancer radiotherapy after reduction of metal artifacts in CT images. <i>Acta Oncol³gica</i> , 2017, 56, 874-878.	0.8	27
66	CBCT-Derived Radiosensitivity Marker Associated with Radiation Pneumonitis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, S184.	0.4	0
67	Automatic treatment planning facilitates fast generation of high-quality treatment plans for esophageal cancer. <i>Acta Oncol³gica</i> , 2017, 56, 1495-1500.	0.8	32
68	Analysis of CT-verified loco-regional recurrences after definitive IMRT for HNSCC using site of origin estimation methods. <i>Acta Oncol³gica</i> , 2017, 56, 1554-1561.	0.8	25
69	PV-0241: Comparing endpoints of radiation induced lung injury for NSCLC: radiology vs. clinical symptoms. <i>Radiotherapy and Oncology</i> , 2017, 123, S121-S122.	0.3	0
70	EP-1525: Automatic treatment plan generation for Prostate Cancer. <i>Radiotherapy and Oncology</i> , 2017, 123, S819-S820.	0.3	1
71	OC-0329: Does margin matter? Distribution of locoregional failures after primary IMRT for Head & Neck cancer. <i>Radiotherapy and Oncology</i> , 2017, 123, S173.	0.3	0
72	OC-0066: Are quality improved CBCT images superior for measuring lung ventilation?. <i>Radiotherapy and Oncology</i> , 2017, 123, S32-S33.	0.3	0

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73	EP-1229: Phase II trial of concurrent erlotinib in locally advanced non-small cell lung cancer (LA-NSCLC). Radiotherapy and Oncology, 2017, 123, S663.	0.3	1
74	PO-0835: PTV margin for pelvic lymph nodes in IGRT guided prostate radiotherapy. Radiotherapy and Oncology, 2017, 123, S450.	0.3	0
75	Ventilation measured on clinical 4D-CBCT: Increased ventilation accuracy through improved image quality. Radiotherapy and Oncology, 2017, 125, 459-463.	0.3	4
76	Heterogeneous FDG-guided dose-escalation for locally advanced NSCLC (the NARLAL2 trial): Design and early dosimetric results of a randomized, multi-centre phase-III study. Radiotherapy and Oncology, 2017, 124, 311-317.	0.3	24
77	Automatic planning of head and neck treatment plans. Journal of Applied Clinical Medical Physics, 2016, 17, 272-282.	0.8	119
78	Hounsfield unit recovery in clinical cone beam CT images of the thorax acquired for image guided radiation therapy. Physics in Medicine and Biology, 2016, 61, 5781-5802.	1.6	37
79	Uncertainties in estimating heart doses from 2D-tangential breast cancer radiotherapy. Radiotherapy and Oncology, 2016, 119, 71-76.	0.3	23
80	The Safety of Critical Structures Throughout Treatment for Dose-Escalated Locally Advanced Non-Small Cell Lung Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2016, 96, E462-E463.	0.4	0
81	Magnetic Resonanceâ€œOnly Workflow and Validation of Magnetic Resonanceâ€œBased Dose Calculations for Radiation Therapy of Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2016, 96, E645.	0.4	1
82	Open source deformable image registration system for treatment planning and recurrence CT scans. Strahlentherapie Und Onkologie, 2016, 192, 545-551.	1.0	17
83	OC-0368: Accurate CBCT based dose calculations. Radiotherapy and Oncology, 2016, 119, S171-S172.	0.3	0
84	Automatic treatment planning improves the clinical quality of head and neck cancer treatment plans. Clinical and Translational Radiation Oncology, 2016, 1, 2-8.	0.9	81
85	Impact of 4D image quality on the accuracy of target definition. Australasian Physical and Engineering Sciences in Medicine, 2016, 39, 103-112.	1.4	7
86	Acute esophagitis for patients with localâ€œregional advanced non small cell lung cancer treated with concurrent chemoradiotherapy. Radiotherapy and Oncology, 2016, 118, 465-470.	0.3	19
87	Efficient and accurate stereotactic radiotherapy using flattening filter free beams and HexaPOD robotic tables. Journal of Radiosurgery and SBRT, 2016, 4, 153-161.	0.2	2
88	OC-0242: A randomized phase II trial of concurrent chemo-RT of oral vinorelbine and 60 Gy or 66 Gy, in locally advanced NSCLC. Radiotherapy and Oncology, 2015, 115, S122-S123.	0.3	0
89	PO-0790: Changes in acute response to radiation after implementation of new national guidelines for head and neck cancer. Radiotherapy and Oncology, 2015, 115, S395-S396.	0.3	0
90	Multicentre knowledge sharing and planning/dose audit on flattening filter free beams for SBRT lung. Journal of Physics: Conference Series, 2015, 573, 012018.	0.3	9

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91	Planned FDG PET-CT Scan in Follow-Up Detects Disease Progression in Patients With Locally Advanced NSCLC Receiving Curative Chemoradiotherapy Earlier Than Standard CT. <i>Medicine (United States)</i> , 2015, 94, e1863.	0.4	10
92	Variation of normal tissue complication probability (NTCP) estimates of radiation-induced hypothyroidism in relation to changes in delineation of the thyroid gland. <i>Acta Oncologica</i> , 2015, 54, 1188-1194.	0.8	6
93	PO-0916: Are mean lung dose and changes in respiration during RT predictive for pulmonary function changes after RT?. <i>Radiotherapy and Oncology</i> , 2015, 115, S475-S476.	0.3	0
94	Plan quality and delivery accuracy of flattening filter free beam for SBRT lung treatments. <i>Acta Oncologica</i> , 2015, 54, 422-427.	0.8	14
95	Age dependent prognosis in concurrent chemo-radiation of locally advanced NSCLC. <i>Acta Oncologica</i> , 2015, 54, 333-339.	0.8	11
96	External validation of a normal tissue complication probability model for radiation-induced hypothyroidism in an independent cohort. <i>Acta Oncologica</i> , 2015, 54, 1301-1309.	0.8	24
97	Changes in pulmonary function after definitive radiotherapy for NSCLC. <i>Radiotherapy and Oncology</i> , 2015, 117, 23-28.	0.3	10
98	PO-0950: Validation of the deformable image registration system elastix in the head and neck region. <i>Radiotherapy and Oncology</i> , 2015, 115, S499-S500.	0.3	0
99	Prediction of lung density changes after radiotherapy by cone beam computed tomography response markers and pre-treatment factors for non-small cell lung cancer patients. <i>Radiotherapy and Oncology</i> , 2015, 117, 17-22.	0.3	29
100	In Reply to Yamazaki et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 245-246.	0.4	0
101	A DICOM based radiotherapy plan database for research collaboration and reporting. <i>Journal of Physics: Conference Series</i> , 2014, 489, 012100.	0.3	18
102	Automatic segmentation of the heart in radiotherapy for breast cancer. <i>Acta Oncologica</i> , 2014, 53, 1366-1372.	0.8	15
103	Inhomogeneous dose escalation increases expected local control for NSCLC patients with lymph node involvement without increased mean lung dose. <i>Acta Oncologica</i> , 2014, 53, 119-125.	0.8	17
104	Four-dimensional dose evaluation of inhomogeneous dose distributions planned for non-small cell lung cancer patients with lymph node involvement. <i>Acta Oncologica</i> , 2014, 53, 707-712.	0.8	3
105	Pattern of loco-regional failure after definitive radiotherapy for non-small cell lung cancer. <i>Acta Oncologica</i> , 2014, 53, 336-341.	0.8	27
106	Creating a data exchange strategy for radiotherapy research: Towards federated databases and anonymised public datasets. <i>Radiotherapy and Oncology</i> , 2014, 113, 303-309.	0.3	79
107	Comparison of three immobilisation systems for radiation therapy in head and neck cancer. <i>Acta Oncologica</i> , 2014, 53, 423-427.	0.8	23
108	Locoregional Control of Non-Small Cell Lung Cancer in Relation to Automated Early Assessment of Tumor Regression on Cone Beam Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 916-923.	0.4	62

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109	Multi-institutional Quantitative Evaluation and Clinical Validation of Smart Probabilistic Image Contouring Engine (SPICE) Autosegmentation of Target Structures and Normal Tissues on Computer Tomography Images in the Head and Neck, Thorax, Liver, and Male Pelvis Areas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 809-816.	0.4	34
110	Time evolution of regional CT density changes in normal lung after IMRT for NSCLC. <i>Radiotherapy and Oncology</i> , 2013, 109, 89-94.	0.3	45
111	Inter-observer variation in delineation of the heart and left anterior descending coronary artery in radiotherapy for breast cancer: A multi-centre study from Denmark and the UK. <i>Radiotherapy and Oncology</i> , 2013, 108, 254-258.	0.3	93
112	Hypothyroidism after primary radiotherapy for head and neck squamous cell carcinoma: Normal tissue complication probability modeling with latent time correction. <i>Radiotherapy and Oncology</i> , 2013, 109, 317-322.	0.3	54
113	Automatic Planning of Head and Neck Treatment Plans: A Way to Optimize the Plan Quality and Reduce Workload. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S135-S136.	0.4	0
114	Evaluation of methods for selecting the midventilation bin in 4DCT scans of lung cancer patients. <i>Acta Oncologica</i> , 2013, 52, 1715-1722.	0.8	2
115	Radiopaque marker motion during pre-treatment CBCT as a predictor of intra-fractional prostate movement. <i>Acta Oncologica</i> , 2013, 52, 1168-1174.	0.8	5
116	Stereotactic body radiation therapy versus conventional radiation therapy in patients with early stage non-small cell lung cancer: An updated retrospective study on local failure and survival rates. <i>Acta Oncologica</i> , 2013, 52, 1552-1558.	0.8	59
117	Patient-specific scatter correction in clinical cone beam computed tomography imaging made possible by the combination of Monte Carlo simulations and a ray tracing algorithm. <i>Acta Oncologica</i> , 2013, 52, 1477-1483.	0.8	30
118	OC-0256: Can O-MAR increase precision of delineation in head and neck cancer?. <i>Radiotherapy and Oncology</i> , 2013, 106, S100.	0.3	0
119	PD-0319: Heart dose from Danish tangential breast cancer radiotherapy: comparison between past and present. <i>Radiotherapy and Oncology</i> , 2013, 106, S123.	0.3	0
120	PO-0849: Dose coverage of lymph nodes in treatments corrected for daily baseline shift of the primary tumour. <i>Radiotherapy and Oncology</i> , 2013, 106, S326-S327.	0.3	0
121	SP-0520: 3D vs 4D CBCT: Clinical indications, implementation, and practicalities. <i>Radiotherapy and Oncology</i> , 2013, 106, S201.	0.3	0
122	Does VMAT for treatment of NSCLC patients increase the risk of pneumonitis compared to IMRT? – A planning study. <i>Acta Oncologica</i> , 2012, 51, 752-758.	0.8	20
123	Respiration-Correlated Image Guidance Is the Most Important Radiotherapy Motion Management Strategy for Most Lung Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1338-1343.	0.4	45
124	A dual centre study of setup accuracy for thoracic patients based on Cone-Beam CT data. <i>Radiotherapy and Oncology</i> , 2012, 102, 281-286.	0.3	17
125	Increasing Local Control in NSCLC Patients With Inhomogeneous Dose Distributions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, S589.	0.4	0
126	Automatic Segmentation of Heart Evaluated With Multi-institution Interobserver Variation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, S800.	0.4	0

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127	1181 poster IMAGE IMPROVEMENT OF 4D CT USING DEFORMABLE REGISTRATIONS OF THE RESPIRATION PHASES. Radiotherapy and Oncology, 2011, 99, S440.	0.3	2
128	Radiation dose response of normal lung assessed by Cone Beam CT – A potential tool for biologically adaptive radiation therapy. Radiotherapy and Oncology, 2011, 100, 351-355.	0.3	44
129	Isotoxic Dose Escalation in the Treatment of Lung Cancer by Means of Heterogeneous Dose Distributions in the Presence of Respiratory Motion. International Journal of Radiation Oncology Biology Physics, 2011, 81, 849-855.	0.4	9
130	Influence of dose calculation algorithms on the predicted dose distributions and NTCP values for NSCLC patients. Medical Physics, 2011, 38, 2412-2418.	1.6	25
131	Validation of a new control system for Elekta accelerators facilitating continuously variable dose rate. Medical Physics, 2011, 38, 4802-4810.	1.6	20
132	Single Arc Volumetric Modulated Arc Therapy of head and neck cancer. Radiotherapy and Oncology, 2010, 95, 142-148.	0.3	159
133	Deviations in delineated GTV caused by artefacts in 4DCT. Radiotherapy and Oncology, 2010, 96, 61-66.	0.3	136
134	Investigation of respiration induced intra- and inter-fractional tumour motion using a standard Cone Beam CT. Acta Oncologica, 2010, 49, 1192-1198.	0.8	48
135	Reduction of Cone-Beam CT scan time without compromising the accuracy of the image registration in IGRT. Acta Oncologica, 2010, 49, 225-229.	0.8	17
136	Cardiac toxicity and radiation dose to the heart in definitive treated non-small cell lung cancer. Acta Oncologica, 2010, 49, 1058-1060.	0.8	33
137	Cone beam CT evaluation of patient set-up accuracy as a QA tool. Acta Oncologica, 2009, 48, 271-276.	0.8	17
138	The representativeness of patient position during the first treatment fractions. Acta Oncologica, 2009, 48, 259-266.	0.8	9
139	Evaluation of the Change in Respiration Motion using a Standard Elekta Cone Beam CT. International Journal of Radiation Oncology Biology Physics, 2009, 75, S585.	0.4	0
140	Single Arc VMAT of H&N Cancer. International Journal of Radiation Oncology Biology Physics, 2009, 75, S721-S722.	0.4	0
141	Inter- and intrafractional movement of the tumour in extracranial stereotactic radiotherapy of NSCLC. Acta Oncologica, 2008, 47, 1432-1437.	0.8	24
142	Set-up errors in patients undergoing image guided radiation treatment. Relationship to body mass index and weight loss. Acta Oncologica, 2008, 47, 1454-1458.	0.8	30
143	Sensitivity of NTCP parameter values against a change of dose calculation algorithm. Medical Physics, 2007, 34, 3579-3586.	1.6	9
144	On the dosimetric behaviour of photon dose calculation algorithms in the presence of simple geometric heterogeneities: comparison with Monte Carlo calculations. Physics in Medicine and Biology, 2007, 52, 1363-1385.	1.6	217

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145	PD5-1-1: The influence of radiation dose to the ventricles of the heart on survival in radical treated locally advanced NSCLC. <i>Journal of Thoracic Oncology</i> , 2007, 2, S470.	0.5	0
146	Comparison of dose calculation algorithms for treatment planning in external photon beam therapy for clinical situations. <i>Physics in Medicine and Biology</i> , 2006, 51, 5785-5807.	1.6	286
147	Tuned transition from a quantum well to a quantum wire investigated by magnetophonon resonance. <i>Journal of Applied Physics</i> , 2004, 95, 2509-2517.	1.1	0
148	Magnetophonon resonance in the confinement of an n-GaAs/AlGaAs-heterojunction, tuned to a quasi-one-dimensional quantum wire. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 446-449.	1.3	2
149	Collisional fragmentation of Ar@C60. <i>Chemical Physics Letters</i> , 1998, 286, 28-34.	1.2	9
150	Collisional fragmentation of Ar@C60 During the technical production of the original article (Chem.) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5 has been decided to re-publish the article via this Erratum.1. <i>Chemical Physics Letters</i> , 1998, 290, 551-557.	1.2	6
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