

# Martin A Ebert

## List of Publications by Year in descending order

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139  
papers

2,100  
citations

201674

27  
h-index

315739

38  
g-index

141  
all docs

141  
docs citations

141  
times ranked

2152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of HDR brachytherapy-replicating prostate radiotherapy planning for tomotherapy, cyberknife and VMAT. <i>Medical Dosimetry</i> , 2022, 47, 61-69.	0.9	1
2	Variation in isocentre location of an Elekta Unity MR-linac through full gantry rotation. <i>Physics in Medicine and Biology</i> , 2022, 67, 015005.	3.0	2
3	In Regard to Shortall et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 831-833.	0.8	1
4	A statistical, voxelised model of prostate cancer for biologically optimised radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 21, 136-145.	2.9	8
5	Quality management in radiotherapy treatment delivery. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2022, 66, 279-290.	1.8	12
6	Matched linac stereotactic radiotherapy: An assessment of delivery similarity and distributive patient-specific quality assurance feasibility. <i>Journal of Applied Clinical Medical Physics</i> , 2022, , e13652.	1.9	2
7	RONC-07. Fractionated radiotherapy is required to accurately mimic neurostructural late effects in preclinical models. <i>Neuro-Oncology</i> , 2022, 24, i177-i178.	1.2	0
8	Clinical evidence for synergy between immunotherapy and radiotherapy (<sc>SITAR</sc>). <i>Journal of Medical Imaging and Radiation Oncology</i> , 2022, 66, 881-895.	1.8	9
9	Deep learning methods for enhancing cone-beam CT image quality toward adaptive radiation therapy: A systematic review. <i>Medical Physics</i> , 2022, 49, 6019-6054.	3.0	22
10	In vivo noninvasive preclinical tumor hypoxia imaging methods: a review. <i>International Journal of Radiation Biology</i> , 2021, 97, 593-631.	1.8	7
11	Repeatability of Quantitative 18F-FET PET in Glioblastoma. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 035020.	1.2	3
12	Veliparib Is an Effective Radiosensitizing Agent in a Preclinical Model of Medulloblastoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 633344.	3.5	6
13	Spatial descriptions of radiotherapy dose: normal tissue complication models and statistical associations. <i>Physics in Medicine and Biology</i> , 2021, 66, 12TR01.	3.0	14
14	Investigation of the effects of spinal surgical implants on radiotherapy dosimetry: A study of 3D printed phantoms. <i>Medical Physics</i> , 2021, 48, 4586-4597.	3.0	13
15	Theoretical evaluation of a novel method for producing fluorine-18 for Positron-emission-tomography (PET) applications utilizing the $3\text{He}(d,p)4\text{He}$ reaction. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 843-853.	2.4	1
16	Repeatability of image features extracted from FET PET in application to post-surgical glioblastoma assessment. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 1131-1140.	2.4	4
17	Deriving optimal planning organ at risk volume margins in prostate external beam radiotherapy. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 1071-1080.	2.4	1
18	Biologically Targeted Radiation Therapy: Incorporating Patient-Specific Hypoxia Data Derived from Quantitative Magnetic Resonance Imaging. <i>Cancers</i> , 2021, 13, 4897.	3.7	9

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19	Automatic radiotherapy delineation quality assurance on prostate MRI with deep learning in a multicentre clinical trial. <i>Physics in Medicine and Biology</i> , 2021, 66, 195008.	3.0	7
20	A convolutional neural network for estimating cone-beam CT intensity deviations from virtual CT projections. <i>Physics in Medicine and Biology</i> , 2021, 66, .	3.0	6
21	Radiomics for Identification and Prediction in Metastatic Prostate Cancer: A Review of Studies. <i>Frontiers in Oncology</i> , 2021, 11, 771787.	2.8	23
22	In the future simulations will replace clinical trials. <i>Physical and Engineering Sciences in Medicine</i> , 2021, 44, 997-1001.	2.4	2
23	An Investigation of Multileaf Collimator Performance Dependence on Gantry Angle Using Machine Log Files.. <i>Journal of Medical Physics</i> , 2021, 46, 300-307.	0.3	1
24	Enhancing the efficacy of immunotherapy using radiotherapy. <i>Clinical and Translational Immunology</i> , 2020, 9, e1169.	3.8	40
25	Rectal and Urethro-Vesical Subregions for Toxicity Prediction After Prostate Cancer Radiation Therapy: Validation of Voxel-Based Models in an Independent Population. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 1189-1195.	0.8	15
26	Increased Dose to Organs in Urinary Tract Associates With Measures of Genitourinary Toxicity in Pooled Voxel-Based Analysis of 3 Randomized Phase III Trials. <i>Frontiers in Oncology</i> , 2020, 10, 1174.	2.8	10
27	Reduced Dose Posterior to Prostate Correlates With Increased PSA Progression in Voxel-Based Analysis of 3 Randomized Phase 3 Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 1304-1318.	0.8	9
28	Relationships between rectal and perirectal doses and rectal bleeding or tenesmus in pooled voxel-based analysis of 3 randomised phase III trials. <i>Radiotherapy and Oncology</i> , 2020, 150, 281-292.	0.6	5
29	Recommended dose voxel size and statistical uncertainty parameters for precision of Monte Carlo dose calculation in stereotactic radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 120-130.	1.9	7
30	Organ at risk delineation for radiation therapy clinical trials: Global Harmonization Group consensus guidelines. <i>Radiotherapy and Oncology</i> , 2020, 150, 30-39.	0.6	53
31	External Validation of a Predictive Model of Urethral Strictures for Prostate Patients Treated With HDR Brachytherapy Boost. <i>Frontiers in Oncology</i> , 2020, 10, 910.	2.8	3
32	Radiation Dose Escalation or Longer Androgen Suppression to Prevent Distant Progression in Men With Locally Advanced Prostate Cancer: 10-Year Data From the TROG 03.04 RADAR Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 693-702.	0.8	48
33	CyberKnife reference dosimetry: An assessment of the impact of evolving recommendations on correction factors and measured dose. <i>Medical Physics</i> , 2020, 47, 3573-3585.	3.0	1
34	Progress towards Patient-Specific, Spatially-Continuous Radiobiological Dose Prescription and Planning in Prostate Cancer IMRT: An Overview. <i>Cancers</i> , 2020, 12, 854.	3.7	7
35	Comprehensive investigation into the stability of Varian and Elekta kV imaging systems during arc delivery. <i>Biomedical Physics and Engineering Express</i> , 2020, 6, 065017.	1.2	2
36	RONC-02. MEASURING THE EFFECT OF CLINICALLY-RELEVANT RADIOTHERAPY PROTOCOLS ON THE JUVENILE MOUSE BRAIN. <i>Neuro-Oncology</i> , 2020, 22, iii456-iii456.	1.2	0

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37	Beam focal spot intrafraction motion and gantry angle dependence: A study of Varian linac focal spot alignment. <i>Physica Medica</i> , 2019, 63, 41-47.	0.7	6
38	Commissioning and performance characteristics of a pre-clinical image-guided radiotherapy system. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019, 42, 541-551.	1.3	9
39	Similarity clustering-based atlas selection for pelvic CT image segmentation. <i>Medical Physics</i> , 2019, 46, 2243-2250.	3.0	7
40	Evaluation of the Impact of the Linac MLC and Gantry Sag in volumetric modulated arc therapy. <i>Medical Physics</i> , 2019, 46, 1984-1994.	3.0	4
41	Predictive performance of an OVH-based treatment planning quality assurance model for prostate VMAT: Assessing dependence on training cohort size and composition. <i>Medical Dosimetry</i> , 2019, 44, 315-323.	0.9	3
42	Evaluation of a mobile C-arm cone-beam CT in interstitial high-dose-rate prostate brachytherapy treatment planning. <i>Journal of Medical Radiation Sciences</i> , 2019, 66, 112-121.	1.5	4
43	Quality assurance of Cyberknife robotic stereotactic radiosurgery using an angularly independent silicon detector. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 76-88.	1.9	8
44	Multi-observer contouring of male pelvic anatomy: Highly variable agreement across conventional and emerging structures of interest. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2019, 63, 264-271.	1.8	21
45	Sustainability of the Australian radiation oncology workforce: A survey of radiation therapists and radiation oncology medical physicists. <i>European Journal of Cancer Care</i> , 2018, 27, e12804.	1.5	7
46	Association between measures of treatment quality and disease progression in prostate cancer radiotherapy: An exploratory analysis from the TROG 03.04 RADAR trial. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 248-255.	1.8	6
47	Association between treatment planning and delivery factors and disease progression in prostate cancer radiotherapy: Results from the TROG 03.04 RADAR trial. <i>Radiotherapy and Oncology</i> , 2018, 126, 249-256.	0.6	13
48	Estimation of Hounsfield unit conversion parameters for pelvic CT images. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2018, 41, 739-745.	1.3	1
49	Metamodeling of late rectal bleeding in patients undergoing radiotherapy for prostate cancer.. <i>Journal of Clinical Oncology</i> , 2018, 36, 61-61.	1.6	0
50	Predicting prostate tumour location from multiparametric MRI using Gaussian kernel support vector machines: a preliminary study. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 39-49.	1.3	29
51	Accumulation of rectum dose-volume metrics for prostate external beam radiotherapy combined with brachytherapy: Evaluating deformably registered dose distribution addition using parameter-based addition. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 534-542.	1.8	4
52	Spatial features of dose-surface maps from deformably-registered plans correlate with late gastrointestinal complications. <i>Physics in Medicine and Biology</i> , 2017, 62, 4118-4139.	3.0	20
53	An assessment of radiation oncology medical physicists' perspectives on undertaking research. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 173-180.	1.3	10
54	Radiation therapists' perspectives on participating in research. <i>Journal of Medical Radiation Sciences</i> , 2017, 64, 299-309.	1.5	18

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55	Prostate cancer focal brachytherapy: Improving treatment plan robustness using a convolved dose rate model. <i>Procedia Computer Science</i> , 2017, 108, 1522-1531.	2.0	2
56	Using percolation networks to incorporate spatial-dose information for assessment of complication probability in radiotherapy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 869-880.	1.3	2
57	Modeling Urinary Dysfunction After External Beam Radiation Therapy of the Prostate Using Bladder Dose-Surface Maps: Evidence of Spatially Variable Response of the Bladder Surface. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 420-426.	0.8	43
58	Theoretical versus Ex Vivo Assessment of Radiation Damage Repair: An Investigation in Normal Breast Tissue. <i>Radiation Research</i> , 2016, 185, 393-401.	1.5	1
59	Statistical-learning strategies generate only modestly performing predictive models for urinary symptoms following external beam radiotherapy of the prostate: A comparison of conventional and machine-learning methods. <i>Medical Physics</i> , 2016, 43, 2040-2052.	3.0	30
60	Prostate external beam radiotherapy combined with high-dose-rate brachytherapy: dose-volume parameters from deformably-registered plans correlate with late gastrointestinal complications. <i>Radiation Oncology</i> , 2016, 11, 144.	2.7	18
61	A radiobiology-based inverse treatment planning method for optimisation of permanent I-125 prostate implants in focal brachytherapy. <i>Physics in Medicine and Biology</i> , 2016, 61, 430-444.	3.0	16
62	Independent external validation of predictive models for urinary dysfunction following external beam radiotherapy of the prostate: Issues in model development and reporting. <i>Radiotherapy and Oncology</i> , 2016, 120, 339-345.	0.6	5
63	Testing the assessment of new radiation oncology treatment frameworks using the evaluation of post-prostatectomy radiotherapy techniques. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 129-137.	1.8	2
64	Multi-atlas and unsupervised learning approach to perirectal space segmentation in CT images. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2016, 39, 933-941.	1.3	3
65	Commissioning of a well type chamber for HDR and LDR brachytherapy applications: a review of methodology and outcomes. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2016, 39, 167-175.	1.3	6
66	Modeling severe late rectal bleeding: Results on a large pooled population of prostate cancer patients. <i>Journal of Clinical Oncology</i> , 2016, 34, 82-82.	1.6	0
67	Urinary symptoms following external beam radiotherapy of the prostate: Dose-symptom correlates with multiple-event and event-count models. <i>Radiotherapy and Oncology</i> , 2015, 117, 277-282.	0.6	21
68	Registering prostate external beam radiotherapy with a boost from high-dose-rate brachytherapy: a comparative evaluation of deformable registration algorithms. <i>Radiation Oncology</i> , 2015, 10, 254.	2.7	8
69	Investigation of the mechanical performance of Siemens linacs components during arc: gantry, MLC, and electronic portal imaging device. <i>Medical Devices: Evidence and Research</i> , 2015, 8, 457.	0.8	6
70	Gastrointestinal Dose-Histogram Effects in the Context of Dose-Volume-Constrained Prostate Radiation Therapy: Analysis of Data From the RADAR Prostate Radiation Therapy Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 595-603.	0.8	31
71	On the measurement of dose in-air for small radiation fields: choice of mini-phantom material. <i>Physics in Medicine and Biology</i> , 2015, 60, 2391-2402.	3.0	2
72	Radiation dose escalation or longer androgen suppression for locally advanced prostate cancer? Data from the TROG 03.04 RADAR trial. <i>Radiotherapy and Oncology</i> , 2015, 115, 301-307.	0.6	52

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73	Dosimetry, clinical factors and medication intake influencing urinary symptoms after prostate radiotherapy: An analysis of data from the RADAR prostate radiotherapy trial. <i>Radiotherapy and Oncology</i> , 2015, 116, 112-118.	0.6	36
74	Optimised Robust Treatment Plans for Prostate Cancer Focal Brachytherapy. <i>Procedia Computer Science</i> , 2015, 51, 914-923.	2.0	15
75	A comprehensive study of the mechanical performance of gantry, EPID and the MLC assembly in Elekta linacs during gantry rotation. <i>British Journal of Radiology</i> , 2015, 88, 20140581.	2.2	21
76	Focal Brachytherapy Treatment Planning Using Multi-Parametric MRI and Biological Dose Optimisation. <i>Brachytherapy</i> , 2015, 14, S11-S12.	0.5	0
77	Technical quality assurance during the <scp>TROG</scp> 03.04 <scp>RADAR</scp> prostate radiotherapy trial: Are the results reflected in observed toxicity rates?. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015, 59, 99-108.	1.8	5
78	Future radiotherapy practice will be based on evidence from retrospective interrogation of linked clinical data sources rather than prospective randomized controlled clinical trials. <i>Medical Physics</i> , 2014, 41, 030601.	3.0	7
79	An EPID-based method for comprehensive verification of gantry, EPID and the MLC carriage positional accuracy in Varian linacs during arc treatments. <i>Radiation Oncology</i> , 2014, 9, 249.	2.7	32
80	An MLE method for finding LKB NTCP model parameters using Monte Carlo uncertainty estimates. <i>Journal of Physics: Conference Series</i> , 2014, 489, 012087.	0.4	1
81	Small field inâ€air output factors: The role of miniphantom design and dosimeter type. <i>Medical Physics</i> , 2014, 41, 021723.	3.0	7
82	Effect of androgen deprivation therapy on muscle attenuation in men with prostate cancer. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2014, 58, 223-228.	1.8	58
83	Impact of treatment planning and delivery factors on gastrointestinal toxicity: an analysis of data from the RADAR prostate radiotherapy trial. <i>Radiation Oncology</i> , 2014, 9, 282.	2.7	6
84	Radiation therapy quality assurance in clinical trials â€“ Global harmonisation group. <i>Radiotherapy and Oncology</i> , 2014, 111, 327-329.	0.6	55
85	An analytical solution to patient prioritisation in radiotherapy based on utilitarian optimisation. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2014, 37, 53-57.	1.3	2
86	Survey of highâ€doseâ€rate prostate brachytherapy practice in <scp>A</scp>ustralia and <scp>N</scp>ew <scp>Z</scp>ealand, 2010â€2011. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2014, 58, 101-108.	1.8	4
87	Automatic segmentation of male pelvic anatomy on computed tomography images: a comparison with multiple observers in the context of a multicentre clinical trial. <i>Radiation Oncology</i> , 2013, 8, 106.	2.7	13
88	Radiotherapy of abdomen with precise renal assessment with SPECT/CT imaging (RAPRASI): design and methodology of a prospective trial to improve the understanding of kidney radiation dose response. <i>BMC Cancer</i> , 2013, 13, 381.	2.6	12
89	Validation of a radiobiological model for low-dose-rate prostate boost focal therapy treatment planning. <i>Brachytherapy</i> , 2013, 12, 628-636.	0.5	30
90	A comparison of the gamma index analysis in various commercial IMRT/VMAT QA systems. <i>Radiotherapy and Oncology</i> , 2013, 109, 370-376.	0.6	130

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91	Utilitarian prioritization of radiation oncology patients based on maximization of population tumour control. <i>Physics in Medicine and Biology</i> , 2013, 58, 4013-4029.	3.0	5
92	Quality improvements in prostate radiotherapy: Outcomes and impact of comprehensive quality assurance during the TROG 03.04 RADAR™ trial. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2013, 57, 247-257.	1.8	36
93	Australasian brachytherapy audit: Results of the dosimetry pilot study. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2013, 57, 490-498.	1.8	13
94	Comparison of TLD calibration methods for dosimetry. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 258-272.	1.9	11
95	Multi-atlas and Gaussian Mixture Modeling Based Perirectal Fat Segmentation from CT Images. <i>Lecture Notes in Computer Science</i> , 2013, , 194-202.	1.3	1
96	Optimization of temporal dose modulation: Comparison of theory and experiment. <i>Medical Physics</i> , 2012, 39, 3181-3188.	3.0	7
97	Rectal and urinary dysfunction in the TROG 03.04 RADAR trial for locally advanced prostate cancer. <i>Radiotherapy and Oncology</i> , 2012, 105, 184-192.	0.6	39
98	Tools to analyse and display variations in anatomical delineation. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2012, 35, 159-164.	1.3	2
99	The use of On-Board Imaging to plan and deliver palliative radiotherapy in a single cohesive patient appointment. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2011, 55, 633-638.	1.8	4
100	A methodology for the analysis of PSA response signatures. <i>Radiotherapy and Oncology</i> , 2011, 98, 198-202.	0.6	1
101	Another form of subgroup to beware. <i>Radiotherapy and Oncology</i> , 2011, 101, 525-526.	0.6	1
102	Design, manufacture, and evaluation of an anthropomorphic pelvic phantom purpose-built for radiotherapy dosimetric intercomparison. <i>Medical Physics</i> , 2011, 38, 5330-5337.	3.0	27
103	A Comparison of the Prognostic Value of Early PSA Test-Based Variables Following External Beam Radiotherapy, With or Without Preceding Androgen Deprivation: Analysis of Data From the TROG 96.01 Randomized Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 385-391.	0.8	34
104	Dosimetric intercomparison for multicenter clinical trials using a patient-based anatomic pelvic phantom. <i>Medical Physics</i> , 2011, 38, 5167-5175.	3.0	23
105	A Small Tolerance for Catheter Displacement in High-Dose Rate Prostate Brachytherapy is Necessary and Feasible. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1066-1072.	0.8	55
106	A mathematical framework for separating the direct and bystander components of cellular radiation response. <i>Acta Oncologica</i> , 2010, 49, 1334-1343.	1.8	35
107	A review of in vitro experimental evidence for the effect of spatial and temporal modulation of radiation dose on response. <i>Acta Oncologica</i> , 2010, 49, 1344-1353.	1.8	10
108	Comparison of DVH data from multiple radiotherapy treatment planning systems. <i>Physics in Medicine and Biology</i> , 2010, 55, N337-N346.	3.0	60

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109	PSA response signatures – a powerful new prognostic indicator after radiation for prostate cancer?. <i>Radiotherapy and Oncology</i> , 2009, 90, 382-388.	0.6	17
110	Comprehensive Australasian multicentre dosimetric intercomparison: Issues, logistics and recommendations. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2009, 53, 119-131.	1.8	27
111	Experience converting an RT department to full CT simulation: Technical issues identified during commissioning of a wide-bore scanner. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2009, 53, 325-330.	1.8	7
112	Suitability of radiochromic films for dosimetry of low energy X-rays. <i>Journal of Applied Clinical Medical Physics</i> , 2009, 10, 232-240.	1.9	30
113	CT-ED conversion on a GE Lightspeed-RT scanner: influence of scanner settings. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2008, 31, 154-159.	1.3	24
114	Linear-accelerator X-ray output: a multicentre chamber-based intercomparison study in Australia and New Zealand. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2008, 31, 268-279.	1.3	9
115	Comparison of prostate set-up accuracy and margins with off-line bony anatomy corrections and online implanted fiducial-based corrections. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2008, 52, 511-516.	1.8	31
116	Assessment of a daily online implanted fiducial marker-guided prostate radiotherapy process. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2008, 52, 517-524.	1.8	6
117	A simple and inexpensive method to routinely produce customized neck supports for patient immobilization during radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2008, 52, 611-616.	1.8	6
118	Accrediting radiation technique in a multicentre trial of chemoradiation for pancreatic cancer. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2008, 52, 598-604.	1.8	2
119	Detailed review and analysis of complex radiotherapy clinical trial planning data: Evaluation and initial experience with the SWAN software system. <i>Radiotherapy and Oncology</i> , 2008, 86, 200-210.	0.6	70
120	Impact of selection of post-implant technique on dosimetry parameters for permanent prostate implants. <i>Brachytherapy</i> , 2005, 4, 146-153.	0.5	11
121	Multicentre analysis of treatment planning information: Technical requirements, possible applications and a proposal. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2004, 48, 347-352.	0.6	12
122	Assessment of i-125 prostate implants by tumor bioeffect. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 1405-1413.	0.8	25
123	Prostate implant evaluation using tumour control probability – the effect of input parameters. <i>Physics in Medicine and Biology</i> , 2004, 49, 3649-3664.	3.0	18
124	External respiratory motion for abdominal radiotherapy patients: implications for patient alignment. <i>Medical Dosimetry</i> , 2003, 28, 217-222.	0.9	1
125	Effect of bite tray impression technique on relocation accuracy in frameless stereotactic radiotherapy. <i>Medical Dosimetry</i> , 2003, 28, 27-30.	0.9	7
126	Feasible measurement errors when undertaking in vivo dosimetry during external beam radiotherapy of the breast. <i>Medical Dosimetry</i> , 2003, 28, 45-48.	0.9	6



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127	Dosimetric characteristics of a low-kV intra-operative x-ray source: Implications for use in a clinical trial for treatment of low-risk breast cancer. <i>Medical Physics</i> , 2003, 30, 2424-2431.	3.0	53
128	Possibilities for intensity-modulated brachytherapy: technical limitations on the use of non-isotropic sources. <i>Physics in Medicine and Biology</i> , 2002, 47, 2495-2509.	3.0	32
129	Dosimetry of a low-kV intra-operative X-ray source using basic analytical beam models. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2002, 25, 119-123.	1.3	12
130	Endovascular brachytherapy: dosimetry and dose-area analysis of various radiation sources. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2001, 24, 63-70.	1.3	2
131	Multi-isocenter stereotactic radiotherapy: implications for target dose distributions of systematic and random localization errors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 51, 545-554.	0.8	7
132	System validation and work practice efficiency gains of a new localization method for stereotactic radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2001, 45, 182-188.	0.6	1
133	Dose perturbation by air cavities in megavoltage photon beams: Implications for cavity surface doses. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2001, 45, 205-210.	0.6	5
134	Stability in Frameless Stereotactic Radiotherapy. <i>Journal of Radiosurgery</i> , 2000, 3, 187-193.	0.1	0
135	Viability of the EUD and TCP concepts as reliable dose indicators. <i>Physics in Medicine and Biology</i> , 2000, 45, 441-457.	3.0	49
136	Reply to 'Comment on 'Viability of the EUD and TCP concepts as reliable dose indicators' '. <i>Physics in Medicine and Biology</i> , 2000, 45, L14-L16.	3.0	2
137	Modeling dose response in the presence of spatial variations in dose rate. <i>Medical Physics</i> , 2000, 27, 393-400.	3.0	6
138	A model for electron-beam applicator scatter. <i>Medical Physics</i> , 1995, 22, 1419-1429.	3.0	28
139	A Monte Carlo investigation of electron-beam applicator scatter. <i>Medical Physics</i> , 1995, 22, 1431-1435.	3.0	20