Andrew Nisbet

List of Publications by Year in Descending Order

141 papers	5,308 citations	29 h-index	71 g-index
155 ext. papers	6,390 ext. citations	2.8 avg, IF	5.48 L-index

#	Paper	IF	Citations
141	Regression Analysis of Rectal Cancer and Possible Application of Artificial Intelligence (AI) Utilization in Radiotherapy. *Applied Sciences (Switzerland)*, **2022**, 12, 725	2.6	1
140	A High-Throughput In Vitro Radiobiology Platform for Megavoltage Photon Linear Accelerator Studies. *Applied Sciences (Switzerland)*, **2022**, 12, 1456	2.6	
139	Review of the effect of reduced levels of background radiation on living organisms. *Radiation Physics and Chemistry*, **2022**, 110273	2.5	
138	ESTIMATION OF THERMAL & EPITHERMAL NEUTRON FLUX AND GAMMA DOSE DISTRIBUTION IN A MEDICAL CYCLOTRON FACILITY FOR RADIATION PROTECTION PURPOSES USING GOLD FOILS AND GATE 9. *Radiation Protection Dosimetry*, **2021**, 193, 176-184	0.9	1
137	3d tissue models as tools for radiotherapy screening for pancreatic cancer. *British Journal of Radiology*, **2021**, 94, 20201397	3.4	3
136	Estimation of Dose Enhancement for Inhomogeneous Distribution of Nanoparticles: A Monte Carlo Study. *Applied Sciences (Switzerland)*, **2021**, 11, 4900	2.6	0
135	Production of actinium-225 from a (n,p) reaction: Feasibility and pre-design studies. *Nukleonika*, **2021**, 66, 61-67	1	
134	Novel Anticancer and Treatment Sensitizing Compounds against Pancreatic Cancer. *Cancers*, **2021**, 13,	6.6	2
133	GeB flat fibre TL dosimeters for in-vivo measurements in radiosurgery. *Radiation Physics and Chemistry*, **2021**, 178, 108973	2.5	0
132	Ultra-Low Dark Current Organic□Inorganic Hybrid X-Ray Detectors. *Advanced Functional Materials*, **2021**, 31, 2008482	15.6	3
131	In□Vitro Evaluation of Notch Inhibition to Enhance Efficacy of Radiation Therapy in Melanoma. *Advances in Radiation Oncology*, **2021**, 6, 100622	3.3	0
130	Quantification of the uncertainties within the radiotherapy dosimetry chain and their impact on tumour control. *Physics and Imaging in Radiation Oncology*, **2021**, 19, 33-38	3.1	0
129	Low radiation dose to treat pneumonia and other inflammations. *British Journal of Radiology*, **2021**, 94, 20201265	3.4	4
128	The Effect of Contrast Agents on Dose Calculations of Volumetric Modulated Arc Radiotherapy Plans for Critical Structures. *Applied Sciences (Switzerland)*, **2021**, 11, 8355	2.6	0
127	Low Dose Ionising Radiation-Induced Hormesis: Therapeutic Implications to Human Health. *Applied Sciences (Switzerland)*, **2021**, 11, 8909	2.6	4
126	A Novel Scaffold-Based Hybrid Multicellular Model for Pancreatic Ductal Adenocarcinoma-Toward a Better Mimicry of the Tumor Microenvironment. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 290	5.8	16
125	Microscope cover-slip glass for TLD applications. *Applied Radiation and Isotopes*, **2020**, 160, 109132	1.7	3

124	IPEM code of practice for high-energy photon therapy dosimetry based on the NPL absorbed dose calibration service. *Physics in Medicine and Biology*, **2020**, 65, 195006	3.8	3
123	Simulation of Coplanar Proximity Charge Sensing Electrodes in CZT Detectors. *Arabian Journal for Science and Engineering*, **2020**, 45, 4949-4957	2.5	0
122	UK adaptive radiotherapy practices for head and neck cancer patients. *BJR|Open*, **2020**, 2, 20200051	1.4	2
121	Multi-institutional dosimetric delivery assessment of intracranial stereotactic radiosurgery on different treatment platforms. *Radiotherapy and Oncology*, **2020**, 147, 153-161	5.3	2
120	Characterisation of borosilicate glass media as potential thermoluminescent dosimeters. *Radiation Physics and Chemistry*, **2020**, 168, 108630	2.5	7
119	Hybrid Multipixel Array X-Ray Detectors for Real-Time Direct Detection of Hard X-Rays. *IEEE Transactions on Nuclear Science*, **2020**, 67, 2238-2245	1.7	3
118	Can different Catphan phantoms be used in a multi-centre audit of radiotherapy CT image quality?. *Physica Medica*, **2020**, 78, 38-47	2.7	0
117	Multivariate log file analysis for multi-leaf collimator failure prediction in radiotherapy delivery. *Physics and Imaging in Radiation Oncology*, **2020**, 15, 72-76	3.1	2
116	Radiation dosimetry changes in radiotherapy treatment plans for adult patients arising from the selection of the CT image reconstruction kernel. *BJR|Open*, **2019**, 1, 20190023	1.4	1
115	Potential lethal damage repair in glioblastoma cells irradiated with ion beams of various types and levels of linear energy transfer. *Journal of Radiation Research*, **2019**, 60, 59-68	2.4	5
114	Ion beams for space radiation radiobiological effect studies. *Radiation Physics and Chemistry*, **2019**, 165, 108373	2.5	1
113	The stability of imaging biomarkers in radiomics: a framework for evaluation. *Physics in Medicine and Biology*, **2019**, 64, 165012	3.8	6
112	Textural analysis and lung function study: Predicting lung fitness for radiotherapy from a CT scan. *BJR|Open*, **2019**, 1, 20180001	1.4	
111	Chemoradiotherapy screening in a novel biomimetic polymer based pancreatic cancer model.. *RSC Advances*, **2019**, 9, 41649-41663	3.7	9
110	Thermoluminescence measurements of eye-lens dose in a multi-centre stereotactic radiosurgery audit. *Radiation Physics and Chemistry*, **2019**, 155, 75-81	2.5	2
109	The radiobiological effects of He, C and Ne ions as a function of LET on various glioblastoma cell lines. *Journal of Radiation Research*, **2019**, 60, 178-188	2.4	3
108	Biological effects of static magnetic field exposure in the context of MR-guided radiotherapy. *British Journal of Radiology*, **2019**, 92, 20180484	3.4	11
107	Assessment of the variation in CT scanner performance (image quality and Hounsfield units) with scan parameters, for image optimisation in radiotherapy treatment planning. *Physica Medica*, **2018**, 45, 59-64	2.7	22

106	Clinical applications of textural analysis in non-small cell lung cancer. *British Journal of Radiology*, **2018**, 91, 20170267	3.4	22
105	IPEM topical report: the first UK survey of dose indices from radiotherapy treatment planning computed tomography scans for adult patients. *Physics in Medicine and Biology*, **2018**, 63, 185008	3.8	6
104	High sensitivity organic inorganic hybrid X-ray detectors with direct transduction and broadband response. *Nature Communications*, **2018**, 9, 2926	17.4	102
103	Automation in intensity modulated radiotherapy treatment planning-a review of recent innovations. *British Journal of Radiology*, **2018**, 91, 20180270	3.4	83
102	Inter-comparison of quantitative imaging of lutetium-177 (Lu) in European hospitals. *EJNMMI Physics*, **2018**, 5, 17	4.4	15
101	Investigation of properties of nanobridge Josephson junctions and superconducting tracks fabricated by FIB. *Journal of Physics: Conference Series*, **2018**, 964, 012004	0.3	2
100	Developments in production of silica-based thermoluminescence dosimeters. *Radiation Physics and Chemistry*, **2017**, 137, 37-44	2.5	16
99	Commercial glass beads as TLDs in radiotherapy produced by different manufacturers. *Radiation Physics and Chemistry*, **2017**, 137, 181-186	2.5	3
98	Monte Carlo simulation of a TEPC for microdosimetry of carbon ions. *Radiation Physics and Chemistry*, **2017**, 140, 412-418	2.5	3
97	Characterisation of a plastic scintillation detector to be used in a multicentre stereotactic radiosurgery dosimetry audit. *Radiation Physics and Chemistry*, **2017**, 140, 373-378	2.5	11
96	Development of a calibration protocol for quantitative imaging for molecular radiotherapy dosimetry. *Radiation Physics and Chemistry*, **2017**, 140, 355-360	2.5	6
95	Coupling Monte Carlo simulations with thermal analysis for correcting microdosimetric spectra from a novel micro-calorimeter. *Radiation Physics and Chemistry*, **2017**, 140, 406-411	2.5	2
94	Dosimetry audits and intercomparisons in radiotherapy: A Malaysian profile. *Radiation Physics and Chemistry*, **2017**, 140, 207-212	2.5	2
93	Can CT scan protocols used for radiotherapy treatment planning be adjusted to optimize image quality and patient dose? A systematic review. *British Journal of Radiology*, **2017**, 90, 20160406	3.4	28
92	Adaptation and validation of a commercial head phantom for cranial radiosurgery dosimetry end-to-end audit. *British Journal of Radiology*, **2017**, 90, 20170053	3.4	14
91	Factors influencing the robustness of P-value measurements in CT texture prognosis studies. *Physics in Medicine and Biology*, **2017**, 62, 5403-5416	3.8	1
90	Challenges in calculation of the gamma index in radiotherapy - Towards good practice. *Physica Medica*, **2017**, 36, 1-11	2.7	63
89	Feasibility of employing thick microbeams from superficial and orthovoltage kVp x-ray tubes for radiotherapy of superficial cancers. *Radiation Physics and Chemistry*, **2017**, 140, 237-241	2.5	4

88	Radiotherapy reference dose audit in the United Kingdom by the National Physical Laboratory: 20 years of consistency and improvements. *Physics and Imaging in Radiation Oncology*, **2017**, 3, 21-27	3.1	9
87	Feasibility study of silica bead thermoluminescence detectors (TLDs) in an external radiotherapy dosimetry audit programme. *Radiation Physics and Chemistry*, **2017**, 141, 251-256	2.5	0
86	A multi-centre analysis of radiotherapy beam output measurement. *Physics and Imaging in Radiation Oncology*, **2017**, 4, 39-43	3.1	7
85	Clinical validation and benchmarking of knowledge-based IMRT and VMAT treatment planning in pelvic anatomy. *Radiotherapy and Oncology*, **2016**, 120, 473-479	5.3	102
84	Adapting clinical gamma cameras for body monitoring in the event of a large-scale radiological incident. *Journal of Radiological Protection*, **2016**, 36, 363-381	1.2	6
83	Changes in Patterns of Intensity-modulated Radiotherapy Verification and Quality Assurance in the UK. *Clinical Oncology*, **2016**, 28, e28-34	2.8	13
82	Current status of cranial stereotactic radiosurgery in the UK. *British Journal of Radiology*, **2016**, 89, 20150452	3.4	19
81	Dosimetric Performance of A-Si Electronic Portal Imaging Devices. *International Journal of Medical Physics, Clinical Engineering and Radiation Oncology*, **2016**, 05, 162-175	0.1	4
80	Mathematical modelling of tumour volume dynamics in response to stereotactic ablative radiotherapy for non-small cell lung cancer. *Physics in Medicine and Biology*, **2015**, 60, 3695-713	3.8	7
79	Evaluation and mitigation of potential errors in radiochromic film dosimetry due to film curvature at scanning. *Journal of Applied Clinical Medical Physics*, **2015**, 16, 5141	2.3	40
78	Feasibility of using glass-bead thermoluminescent dosimeters for radiotherapy treatment plan verification. *British Journal of Radiology*, **2015**, 88, 20140804	3.4	8
77	Investigating ionisation cluster size distribution due to sub-1 keV electrons in view of Heisenberg Uncertainty. *Journal of Physics: Conference Series*, **2015**, 633, 012002	0.3	
76	Evaluation of Gafchromic EBT-XD film, with comparison to EBT3 film, and application in high dose radiotherapy verification. *Physics in Medicine and Biology*, **2015**, 60, 8741-52	3.8	56
75	Radiotherapy dosimetry audit: three decades of improving standards and accuracy in UK clinical practice and trials. *British Journal of Radiology*, **2015**, 88, 20150251	3.4	30
74	A multicentre end to end dosimetry audit for cervix HDR brachytherapy treatment. *Radiotherapy and Oncology*, **2015**, 114, 264-71	5.3	19
73	Low-cost commercial glass beads as dosimeters in radiotherapy. *Radiation Physics and Chemistry*, **2014**, 97, 95-101	2.5	42
72	Measurement of dose enhancement close to high atomic number media using optical fibre thermoluminescence dosimeters. *Radiation Physics and Chemistry*, **2014**, 95, 145-147	2.5	6
71	The role of texture analysis in imaging as an outcome predictor and potential tool in radiotherapy treatment planning. *British Journal of Radiology*, **2014**, 87, 20140369	3.4	66

70	Dosimetric audit in brachytherapy. *British Journal of Radiology*, **2014**, 87, 20140105	3.4	12
69	Development of tailor-made silica fibres for TL dosimetry. *Radiation Physics and Chemistry*, **2014**, 104, 3-9	2.5	22
68	Atomic force microscopy and mechanical testing of bovine pericardium irradiated to radiotherapy doses. *Radiation Physics and Chemistry*, **2014**, 96, 176-180	2.5	4
67	High sensitivity flat SiO2 fibres for medical dosimetry. *Radiation Physics and Chemistry*, **2014**, 104, 134-138	2.5	15
66	Characterization of Ge-doped optical fibres for MV radiotherapy dosimetry. *Radiation Physics and Chemistry*, **2014**, 98, 33-41	2.5	23
65	Preliminary investigations of two types of silica-based dosimeter for small-field radiotherapy. *Radiation Physics and Chemistry*, **2014**, 104, 139-144	2.5	3
64	Evaluation and implementation of triple-channel radiochromic film dosimetry in brachytherapy. *Journal of Applied Clinical Medical Physics*, **2014**, 15, 4854	2.3	27
63	Investigating the Intrinsic Noise Limit of Dayem Bridge NanoSQUIDs. *IEEE Transactions on Applied Superconductivity*, **2014**, 1-1	1.8	1
62	A multi-institutional dosimetry audit of rotational intensity-modulated radiotherapy. *Radiotherapy and Oncology*, **2014**, 113, 272-8	5.3	46
61	Glass beads and Ge-doped optical fibres as thermoluminescence dosimeters for small field photon dosimetry. *Physics in Medicine and Biology*, **2014**, 59, 6875-89	3.8	16
60	Tomotherapy evaluation for head and neck cases using two types of phantoms. *Radiation Physics and Chemistry*, **2014**, 95, 323-325	2.5	2
59	Energy response of glass bead TLDs irradiated with radiation therapy beams. *Radiation Physics and Chemistry*, **2014**, 104, 208-211	2.5	15
58	Design and implementation of a film dosimetry audit tool for comparison of planned and delivered dose distributions in high dose rate (HDR) brachytherapy. *Physics in Medicine and Biology*, **2013**, 58, 6623-40	3.8	30
57	A comparison of the gamma index analysis in various commercial IMRT/VMAT QA systems. *Radiotherapy and Oncology*, **2013**, 109, 370-6	5.3	100
56	Volumetric-modulated arc therapy (RapidArc) vs. conventional fixed-field intensity-modulated radiotherapy for □F-FDG-PET-guided dose escalation in oropharyngeal cancer: a planning study. *Medical Dosimetry*, **2013**, 38, 18-24	1.3	6
55	Novel high resolution 125I brachytherapy source dosimetry using Ge-doped optical fibres. *Radiation Physics and Chemistry*, **2013**, 92, 48-53	2.5	3
54	A methodology for dosimetry audit of rotational radiotherapy using a commercial detector array. *Radiotherapy and Oncology*, **2013**, 108, 78-85	5.3	32
53	Verification of high dose rate brachytherapy dose distributions with EBT3 Gafchromic film quality control techniques. *Physics in Medicine and Biology*, **2013**, 58, 497-511	3.8	32

52	Comparison of methods for the measurement of radiation dose distributions in high dose rate (HDR) brachytherapy: Ge-doped optical fiber, EBT3 Gafchromic film, and PRESAGE radiochromic plastic. *Medical Physics*, **2013**, 40, 061707	4.4	24
51	Risk of ischemic heart disease in women after radiotherapy for breast cancer. *New England Journal of Medicine*, **2013**, 368, 987-98	59.2	2180
50	Establishing the suitability of quantitative optical CT microscopy of PRESAGE radiochromic dosimeters for the verification of synchrotron microbeam therapy. *Physics in Medicine and Biology*, **2013**, 58, 6279-97	3.8	20
49	Semi-3D dosimetry of high dose rate brachytherapy using a novel Gafchromic EBT3 film-array water phantom. *Journal of Physics: Conference Series*, **2013**, 444, 012101	0.3	4
48	Direct detection of 6 MV x-rays from a medical linear accelerator using a semiconducting polymer diode. *Physics in Medicine and Biology*, **2013**, 58, 4471-82	3.8	18
47	A critical evaluation of the PTW 2D-ARRAY seven29 and OCTAVIUS II phantom for IMRT and VMAT verification. *Journal of Applied Clinical Medical Physics*, **2013**, 14, 4460	2.3	32
46	Comparison of the TL fading characteristics of Ge-doped optical fibres and LiF dosimeters. *Applied Radiation and Isotopes*, **2012**, 70, 1384-7	1.7	19
45	An investigation of the thermoluminescence of Ge-doped SiO2 optical fibres for application in interface radiation dosimetry. *Applied Radiation and Isotopes*, **2012**, 70, 1436-41	1.7	28
44	A comparison of protocols for external beam radiotherapy beam calibrations. *Applied Radiation and Isotopes*, **2012**, 70, 1331-6	1.7	4
43	Establishment of Ge-doped optical fibres as thermoluminescence dosimeters for brachytherapy. *Applied Radiation and Isotopes*, **2012**, 70, 1158-61	1.7	26
42	A simple approach for EPID dosimetric calibration to overcome the effect of image-lag and ghosting. *Applied Radiation and Isotopes*, **2012**, 70, 1154-7	1.7	2
41	Review of doped silica glass optical fibre: their TL properties and potential applications in radiation therapy dosimetry. *Applied Radiation and Isotopes*, **2012**, 71 Suppl, 2-11	1.7	68
40	Modelling and detecting tumour oxygenation levels. *PLoS ONE*, **2012**, 7, e38597	3.7	11
39	A survey of quality control practices for high dose rate (HDR) and pulsed dose rate (PDR) brachytherapy in the United Kingdom. *Journal of Contemporary Brachytherapy*, **2012**, 4, 232-40	1.9	12
38	The effect of 6 and 15 MV on intensity-modulated radiation therapy prostate cancer treatment: plan evaluation, tumour control probability and normal tissue complication probability analysis, and the theoretical risk of secondary induced malignancies. *British Journal of Radiology*, **2012**, 85, 423-32	3.4	18
37	Investigating radionuclide source shielding performance using Ge-doped optical fibre thermoluminescence dosimeters **2012**,		1
36	Physics-aspects of dose accuracy in high dose rate (HDR) brachytherapy: source dosimetry, treatment planning, equipment performance and in vivo verification techniques. *Journal of Contemporary Brachytherapy*, **2012**, 4, 81-91	1.9	36
35	Cardiac dose estimates from Danish and Swedish breast cancer radiotherapy during 1977-2001. *Radiotherapy and Oncology*, **2011**, 100, 176-83	5.3	72

34	Dose-rate and the reciprocity law: TL response of Ge-doped SiO2 optical fibers at therapeutic radiation doses. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2011**, 652, 891-895	1.2	34
33	AFM and uni-axial testing of pericardium exposed to radiotherapy doses. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2011**, 652, 874-877	1.2	3
32	Ge-doped optical fibres as thermoluminescence dosimeters for kilovoltage X-ray therapy irradiations. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2011**, 652, 834-837	1.2	29
31	Investigation of the use of Ge-doped optical fibre for in vitro IMRT prostate dosimetry. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2011**, 652, 819-823	1.2	17
30	Volumetric modulated arc therapy: a review of current literature and clinical use in practice. *British Journal of Radiology*, **2011**, 84, 967-96	3.4	364
29	Design concept for a novel SQUID-based microdosemeter. *Radiation Protection Dosimetry*, **2011**, 143, 427-31	0.9	13
28	Simulation of tissue activity curves of (64)Cu-ATSM for sub-target volume delineation in radiotherapy. *Physics in Medicine and Biology*, **2010**, 55, 681-94	3.8	23
27	An investigation of the response of the radiochromic dosimeter PRESAGETMto irradiation by 62 MeV protons. *Journal of Physics: Conference Series*, **2010**, 250, 012034	0.3	5
26	Electron dosimetry in the presence of small cavities. *Journal of Physics: Conference Series*, **2010**, 250, 012090	0.3	1
25	Effect of window level on target volume delineation in treatment planning. *Applied Radiation and Isotopes*, **2010**, 68, 602-4	1.7	5
24	A mathematical approach towards simulating a realistic tissue activity curve of 64Cu-ATSM for the purpose of sub-target volume delineation in radiotherapy. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2010**, 619, 283-286	1.2	1
23	Effect of penetrating ionising radiation on the mechanical properties of pericardium. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2010**, 619, 356-360	1.2	7
22	The potential of Ge-doped optical fibre TL dosimetry for 3D verification of high energy IMRT photon beams. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2010**, 619, 157-162	1.2	26
21	Viscosity changes in hyaluronic acid: irradiation and rheological studies. *Applied Radiation and Isotopes*, **2010**, 68, 746-50	1.7	41
20	A Dose-response Relationship for the Incidence of Radiation-related Heart Disease. *International Journal of Radiation Oncology Biology Physics*, **2010**, 78, S49-S50	4	8
19	Dosimetry of the microSelectron-HDR Ir-192 source using PRESAGE and optical CT. *Applied Radiation and Isotopes*, **2009**, 67, 419-22	1.7	22
18	Cardiac doses from Swedish breast cancer radiotherapy since the 1950s. *Radiotherapy and Oncology* , **2009**, 90, 127-35	5.3	69
17	An attempt to determine the saturation dose for PRESAGE *Journal of Physics: Conference Series*, **2009**, 164, 012043	0.3	1

16	Evaluating commercial image registration packages for radiotherapy treatment planning. *Applied Radiation and Isotopes*, **2008**, 66, 1948-53	1.7	5
15	Cardiac dose from tangential breast cancer radiotherapy in the year 2006. *International Journal of Radiation Oncology Biology Physics*, **2008**, 72, 501-7	4	175
14	Cardiac exposures in breast cancer radiotherapy: 1950s-1990s. *International Journal of Radiation Oncology Biology Physics*, **2007**, 69, 1484-95	4	223
13	Experiences of a proactive IR(ME)R inspection in radiotherapy. *British Journal of Radiology*, **2004**, 77, 329-32	3.4	3
12	The clinical implications of the collapsed cone planning algorithm. *Clinical Oncology*, **2004**, 16, 148-54	2.8	17
11	Dosimetric verification of a commercial collapsed cone algorithm in simulated clinical situations. *Radiotherapy and Oncology*, **2004**, 73, 79-88	5.3	45
10	The IPEM code of practice for electron dosimetry for radiotherapy beams of initial energy from 4 to 25 MeV based on an absorbed dose to water calibration. *Physics in Medicine and Biology*, **2003**, 48, 2929-70	3.8	71
9	Radiotherapy equipment--purchase or lease?. *British Journal of Radiology*, **2001**, 74, 735-44	3.4	14
8	A collision prevention software tool for complex three-dimensional isocentric set-ups. *British Journal of Radiology*, **2000**, 73, 537-41	3.4	21
7	An evaluation of epoxy resin phantom materials for megavoltage photon dosimetry. *Physics in Medicine and Biology*, **1999**, 44, 1125-32	3.8	24
6	A dosimetric intercomparison of kilovoltage X-rays, megavoltage photons and electrons in the Republic of Ireland. *Radiotherapy and Oncology*, **1998**, 48, 95-101	5.3	27
5	An evaluation of epoxy resin phantom materials for electron dosimetry. *Physics in Medicine and Biology*, **1998**, 43, 1523-8	3.8	16
4	An experimental evaluation of recent electron dosimetry codes of practice. *Physics in Medicine and Biology*, **1998**, 43, 1999-2014	3.8	3
3	Polarity and ion recombination correction factors for ionization chambers employed in electron beam dosimetry. *Physics in Medicine and Biology*, **1998**, 43, 435-43	3.8	28
2	Spectral reconstruction of clinical megavoltage photon beams and the implications of spectral determination on the dosimetry of such beams. *Physics in Medicine and Biology*, **1998**, 43, 1507-21	3.8	22
1	A dosimetric intercomparison of electron beams in UK radiotherapy centres. *Physics in Medicine and Biology*, **1997**, 42, 2393-409	3.8	41