

# Clive Baldock

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

148 papers	5,157 citations	45 h-index	69 g-index
161 ext. papers	5,525 ext. citations	3 avg, IF	5.43 L-index

#	Paper	IF	Citations
148	Polymer gel dosimetry. <i>Physics in Medicine and Biology</i> , <b>2010</b> , 55, R1-63	3.8	643
147	A basic study of some normoxic polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 3441-63	3.8	196
146	Experimental procedure for the manufacture and calibration of polyacrylamide gel (PAG) for magnetic resonance imaging (MRI) radiation dosimetry. <i>Physics in Medicine and Biology</i> , <b>1998</b> , 43, 695-702	3.8	193
145	Investigation of the PAGAT polymer gel dosimeter using magnetic resonance imaging. <i>Physics in Medicine and Biology</i> , <b>2005</b> , 50, 3875-88	3.8	163
144	Dose resolution in radiotherapy polymer gel dosimetry: effect of echo spacing in MRI pulse sequence. <i>Physics in Medicine and Biology</i> , <b>2001</b> , 46, 449-60	3.8	153
143	Dose-response stability and integrity of the dose distribution of various polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 2459-70	3.8	122
142	An experimental study of the dose response of polymer gel dosimeters imaged with x-ray computed tomography. <i>Physics in Medicine and Biology</i> , <b>2001</b> , 46, 2939-51	3.8	112
141	Fourier transform Raman spectroscopy of polyacrylamide gels (PAGs) for radiation dosimetry. <i>Physics in Medicine and Biology</i> , <b>1998</b> , 43, 3617-27	3.8	108
140	Optimization of multiple spin-echo sequences for 3D polymer gel dosimetry. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 3117-41	3.8	106
139	Advances in kilovoltage x-ray beam dosimetry. <i>Physics in Medicine and Biology</i> , <b>2014</b> , 59, R183-231	3.8	104
138	Quantitative SPECT reconstruction using CT-derived corrections. <i>Physics in Medicine and Biology</i> , <b>2008</b> , 53, 3099-112	3.8	101
137	Radiological properties of normoxic polymer gel dosimeters. <i>Medical Physics</i> , <b>2005</b> , 32, 1047-53	4.4	94
136	Radiological properties of the PRESAGE and PAGAT polymer dosimeters. <i>Applied Radiation and Isotopes</i> , <b>2008</b> , 66, 1970-4	1.7	91
135	Ultrasound evaluation of polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 1449-58	3.8	90
134	Dose resolution optimization of polymer gel dosimeters using different monomers. <i>Physics in Medicine and Biology</i> , <b>2001</b> , 46, 2665-80	3.8	81
133	The relationship between radiation-induced chemical processes and transverse relaxation times in polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2001</b> , 46, 1061-74	3.8	79
132	The water equivalence of solid phantoms for low energy photon beams. <i>Medical Physics</i> , <b>2010</b> , 37, 4355-63	4.3	78

131	Investigation of radiological properties and water equivalency of PRESAGE dosimeters. <i>Medical Physics</i> , <b>2011</b> , 38, 2265-74	4.4	77
130	A study of a normoxic polymer gel dosimeter comprising methacrylic acid, gelatin and tetrakis (hydroxymethyl) phosphonium chloride (MAGAT). <i>Applied Radiation and Isotopes</i> , <b>2005</b> , 63, 443-56	1.7	75
129	<sup>13</sup> C-NMR, <sup>1</sup> H-NMR, and FT-Raman study of radiation-induced modifications in radiation dosimetry polymer gels. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 79, 1572-1581	2.9	74
128	Development and optimization of a 2-hydroxyethylacrylate MRI polymer gel dosimeter. <i>Physics in Medicine and Biology</i> , <b>2004</b> , 49, 227-41	3.8	73
127	Investigation of ultrasonic properties of PAG and MAGIC polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 4397-409	3.8	70
126	Modelling of post-irradiation events in polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2001</b> , 46, 2827-39	3.8	67
125	A dosimetric evaluation of water equivalent phantoms for kilovoltage x-ray beams. <i>Physics in Medicine and Biology</i> , <b>2005</b> , 50, N331-44	3.8	66
124	A method for determining the diffusion coefficient in Fe(II/III) radiation dosimetry gels using finite elements. <i>Physics in Medicine and Biology</i> , <b>1996</b> , 41, 1745-53	3.8	64
123	An evaluation of ionization chambers for the relative dosimetry of kilovoltage x-ray beams. <i>Medical Physics</i> , <b>2009</b> , 36, 3971-81	4.4	63
122	Sensitivity and stability of the Fricke-gelatin-xylenol orange gel dosimeter. <i>Radiation Physics and Chemistry</i> , <b>2008</b> , 77, 690-696	2.5	63
121	Ultrasound tomography imaging of radiation dose distributions in polymer gel dosimeters: preliminary study. <i>Medical Physics</i> , <b>2003</b> , 30, 2140-8	4.4	62
120	Radiation dose distribution in polymer gels by Raman spectroscopy. <i>Applied Spectroscopy</i> , <b>2003</b> , 57, 51-73.1	3.1	62
119	Modelling optical scattering artefacts for varying pathlength in a gel dosimeter phantom. <i>Physics in Medicine and Biology</i> , <b>2009</b> , 54, 275-83	3.8	60
118	Initial investigation of a novel light-scattering gel phantom for evaluation of optical CT scanners for radiotherapy gel dosimetry. <i>Physics in Medicine and Biology</i> , <b>2007</b> , 52, 2893-903	3.8	60
117	Attenuation of diagnostic energy photons by polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 4247-58	3.8	60
116	Investigation of the relationship between linear attenuation coefficients and CT Hounsfield units using radionuclides for SPECT. <i>Applied Radiation and Isotopes</i> , <b>2008</b> , 66, 1206-12	1.7	59
115	Experimental study of attenuation properties of normoxic polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2004</b> , 49, N353-61	3.8	59
114	Evaluation of the water equivalence of solid phantoms using gamma ray transmission measurements. <i>Radiation Measurements</i> , <b>2008</b> , 43, 1258-1264	1.5	58

113	The dose response of normoxic polymer gel dosimeters measured using X-ray CT. <i>British Journal of Radiology</i> , <b>2005</b> , 78, 623-30	3.4	58
112	Ultrasonic absorption in polymer gel dosimeters. <i>Ultrasonics</i> , <b>2003</b> , 41, 551-9	3.5	56
111	High-resolution gel dosimetry of a HDR brachytherapy source using normoxic polymer gel dosimeters: Preliminary study. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 565, 801-811	1.2	54
110	Uncertainty analysis in polymer gel dosimetry. <i>Physics in Medicine and Biology</i> , <b>1999</b> , 44, N243-6	3.8	53
109	Magnetization transfer imaging for polymer gel dosimetry. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 1881-90	3.8	52
108	Measurement of ultrasonic attenuation coefficient in polymer gel dosimeters. <i>Physics in Medicine and Biology</i> , <b>2003</b> , 48, N269-75	3.8	50
107	A preliminary study of the novel application of normoxic polymer gel dosimeters for the measurement of CTDI on diagnostic x-ray CT scanners. <i>Medical Physics</i> , <b>2005</b> , 32, 1589-97	4.4	50
106	Experimental investigation of the response of an amorphous silicon EPID to intensity modulated radiotherapy beams. <i>Medical Physics</i> , <b>2007</b> , 34, 4389-98	4.4	49
105	Historical overview of the development of gel dosimetry: a personal perspective. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 56, 14-22	0.3	48
104	Optimised motion tracking for positron emission tomography studies of brain function in awake rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e21727	3.7	47
103	The impact of MLC transmitted radiation on EPID dosimetry for dynamic MLC beams. <i>Medical Physics</i> , <b>2008</b> , 35, 1267-77	4.4	45
102	Point/counterpoint. The h index is the best measure of a scientist's research productivity. <i>Medical Physics</i> , <b>2009</b> , 36, 1043-5	4.4	44
101	An experimental investigation into the radiation field offset of a dynamic multileaf collimator. <i>Physics in Medicine and Biology</i> , <b>2006</b> , 51, 5517-38	3.8	43
100	Initial evaluation of a commercial EPID modified to a novel direct-detection configuration for radiotherapy dosimetry. <i>Medical Physics</i> , <b>2008</b> , 35, 4362-74	4.4	42
99	Historical overview of the development of gel dosimetry: Another personal perspective. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 164, 012002	0.3	40
98	Investigation and analysis of ferrous sulfate polyvinyl alcohol (PVA) gel dosimeter. <i>Physics in Medicine and Biology</i> , <b>2002</b> , 47, 4233-46	3.8	40
97	Investigation of the MAGAS normoxic polymer gel dosimeter with Pyrex glass walls for clinical radiotherapy dosimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2005</b> , 555, 396-402	1.2	31
96	Effect of saccharide additives on response of ferrous-agarose-xylene orange radiotherapy gel dosimeters. <i>Medical Physics</i> , <b>2003</b> , 30, 2282-91	4.4	29

95	Water and tissue equivalence of a new PRESAGE( $\square$ ) formulation for 3D proton beam dosimetry: a Monte Carlo study. <i>Medical Physics</i> , <b>2012</b> , 39, 7071-9	4.4	28
94	Radiological characterization and water equivalency of genipin gel for x-ray and electron beam dosimetry. <i>Physics in Medicine and Biology</i> , <b>2011</b> , 56, 4685-99	3.8	28
93	Dose resolution in gel dosimetry: effect of uncertainty in the calibration function. <i>Physics in Medicine and Biology</i> , <b>2004</b> , 49, N139-46	3.8	27
92	A preliminary investigation of cell growth after irradiation using a modulated x-ray intensity pattern. <i>Physics in Medicine and Biology</i> , <b>2006</b> , 51, 3639-51	3.8	22
91	Nanoscience and nanotechnology research publications: a comparison between Australia and the rest of the world. <i>Scientometrics</i> , <b>2014</b> , 100, 121-148	3	20
90	Predicting the clonogenic survival of A549 cells after modulated x-ray irradiation using the linear quadratic model. <i>Physics in Medicine and Biology</i> , <b>2009</b> , 54, 187-206	3.8	20
89	EPID dosimetry: effect of different layers of materials on absorbed dose response. <i>Medical Physics</i> , <b>2009</b> , 36, 5665-74	4.4	19
88	Effects of glass and backscatter on measurement of absorbed dose in polyacrylamide gel (PAG) dosimeters. <i>Physics in Medicine and Biology</i> , <b>2000</b> , 45, N133-8	3.8	19
87	Polymer gel dosimetry on a multislice computed tomography scanner: effect of changing parameters on CTDI. <i>Physica Medica</i> , <b>2008</b> , 24, 149-58	2.7	17
86	Development of activity standard for $^{90}\text{Y}$ microspheres. <i>Applied Radiation and Isotopes</i> , <b>2005</b> , 63, 193-9	1.7	17
85	A genipin-gelatin gel dosimeter for radiation processing. <i>Radiation Physics and Chemistry</i> , <b>2012</b> , 81, 1263-1265	1.7	16
84	Direct-detection EPID dosimetry: investigation of a potential clinical configuration for IMRT verification. <i>Physics in Medicine and Biology</i> , <b>2009</b> , 54, 7151-69	3.8	16
83	Temperature dependence on the dose response of the Fricke-gelatin-xylene orange gel dosimeter. <i>Radiation Physics and Chemistry</i> , <b>2010</b> , 79, 660-662	2.5	16
82	Optimization of the imaging protocol of an X-ray CT scanner for evaluation of normoxic polymer gel dosimeters. <i>Journal of Medical Physics</i> , <b>2006</b> , 31, 72-7	0.7	16
81	In vivo validation of quantitative SPECT in the heart. <i>Clinical Physiology and Functional Imaging</i> , <b>2010</b> , 30, 214-9	2.4	15
80	Tracking and characterizing the head motion of unanaesthetized rats in positron emission tomography. <i>Journal of the Royal Society Interface</i> , <b>2012</b> , 9, 3094-107	4.1	15
79	Light-scattering-induced artifacts in a complex polymer gel dosimetry phantom. <i>Applied Optics</i> , <b>2009</b> , 48, 2427-34	0.2	14
78	An investigation of dose changes for therapeutic kilovoltage X-ray beams with underlying lead shielding. <i>Medical Physics</i> , <b>2007</b> , 34, 3045-53	4.4	14

77	Simple methods for the correction of T2 maps of phantoms. <i>Magnetic Resonance in Medicine</i> , <b>2001</b> , 46, 1123-9	4.4	14
76	Issues involved in the quantitative 3D imaging of proton doses using optical CT and chemical dosimeters. <i>Physics in Medicine and Biology</i> , <b>2015</b> , 60, 709-26	3.8	13
75	CT-based quantitative SPECT for the radionuclide $^{111}\text{Tl}$ : experimental validation and a standardized uptake value for brain tumour patients. <i>Cancer Imaging</i> , <b>2012</b> , 12, 31-40	5.6	13
74	The effect of water molecular self-diffusion on quantitative high-resolution MRI polymer gel dosimetry. <i>Physics in Medicine and Biology</i> , <b>2003</b> , 48, 3043-58	3.8	13
73	Direct dose to water dosimetry for pretreatment IMRT verification using a modified EPID. <i>Medical Physics</i> , <b>2011</b> , 38, 6257-64	4.4	12
72	Quantifying lung shunting during planning for radio-embolization. <i>Physics in Medicine and Biology</i> , <b>2011</b> , 56, N145-52	3.8	11
71	Benchmarking of a motion sensing system for medical imaging and radiotherapy. <i>Physics in Medicine and Biology</i> , <b>2008</b> , 53, 5845-57	3.8	11
70	Calibration of the Capintec CRC-712M dose calibrator for $(^{18}\text{F})$ . <i>Applied Radiation and Isotopes</i> , <b>2006</b> , 64, 485-9	1.7	10
69	Water equivalence of NIPAM based polymer gel dosimeters with enhanced sensitivity for x-ray CT. <i>Radiation Physics and Chemistry</i> , <b>2013</b> , 91, 60-69	2.5	9
68	Preliminary investigation of PAGAT polymer gel radionuclide dosimetry of Tc-99m. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 164, 012050	0.3	9
67	Study of dosimetric water equivalency of PRESAGE $\square$ for megavoltage and kilovoltage x-ray beams. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 250, 012053	0.3	9
66	Water equivalency evaluation of PRESAGE $\square$ dosimeters for dosimetry of Cs-137 and Ir-192 brachytherapy sources. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 250, 012093	0.3	8
65	The Bland-Altman analysis: Does it have a role in assessing radiation dosimeter performance relative to an established standard?. <i>Radiation Measurements</i> , <b>2010</b> , 45, 810-815	1.5	8
64	Investigation of kinetic friction using an iPhone. <i>Physics Education</i> , <b>2016</b> , 51, 065005	0.8	8
63	Dosimetry aspects of a non-diffusing genipin $\square$ gelatin gel. <i>Radiation Physics and Chemistry</i> , <b>2013</b> , 83, 19-27	2.5	7
62	The influence of rejection of a fraction of the single photoelectron peak in liquid scintillation counting. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 558, 490-496	1.2	7
61	X-ray computer tomography, ultrasound and vibrational spectroscopic evaluation techniques of polymer gel dosimeters. <i>Journal of Physics: Conference Series</i> , <b>2004</b> , 3, 136-141	0.3	7
60	Polymer gel dosimetry using x-ray computed tomography: investigation of the effect of reconstruction technique. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 250, 012073	0.3	6

59	The effect of time domain pose filtering on accuracy of small marker based motion correction in awake animal PET <b>2011</b> ,		6
58	Historical overview of gel dosimetry. <i>Journal of Physics: Conference Series</i> , <b>2004</b> , 3, 1-3	0.3	6
57	Third International Conference on Radiotherapy Gel Dosimetry. <i>Journal of Physics: Conference Series</i> , <b>2004</b> , 3,	0.3	6
56	Gel dosimetry provides the optimal end-to-end quality assurance dosimetry for MR-linacs. <i>Medical Physics</i> , <b>2020</b> , 47, 3259-3262	4.4	5
55	The h-index, a publication citation measurement. <i>Radiographer</i> , <b>2008</b> , 55, 7-8		5
54	The energy response of a T.P.A. Mk-II ionization chamber using GEANT4 Monte Carlo simulation. <i>Physics in Medicine and Biology</i> , <b>2007</b> , 52, 3837-46	3.8	5
53	A preliminary study of the measurement of slice-width dose profiles (SWDP) on diagnostic x-ray CT scanners using PAGAT polymer gel dosimeters with optical CT read-out. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 56, 280-282	0.3	5
52	Comment on <del>A</del> systematic review of the precision and accuracy of dose measurements in photon radiotherapy using polymer and fricke MRI gel dosimetry <i>Physics in Medicine and Biology</i> , <b>2003</b> , 48, L15-8	3.8	5
51	Review of gel dosimetry: a personal reflection. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 777, 012029	0.3	4
50	The quenching effect in PRESAGE <sup>®</sup> dosimetry of proton beams: Is an empirical correction feasible?. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 573, 012043	0.3	4
49	Water equivalence evaluation of PRESAGE <sup>®</sup> formulations for megavoltage electron beams: a Monte Carlo study. <i>Australasian Physical and Engineering Sciences in Medicine</i> , <b>2012</b> , 35, 455-63	1.9	4
48	The characterisation of a genipin-gelatin gel dosimeter. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 250, 012008	0.3	4
47	An evaluation of Genipin gel as a water equivalent dosimeter for megavoltage electron beams and kilovoltage x-ray beams. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 250, 012036	0.3	4
46	Absolute Activity Determination of <sup>198</sup> Au Solid Source Using $4\pi$ $\beta\gamma$ Coincidence Counting Corrected by Monte-Carlo Calculation. <i>IEEE Transactions on Nuclear Science</i> , <b>2007</b> , 54, 677-683	1.7	4
45	Investigation of the NMR relaxation rate dose-response of a ceric sulphate dosimeter. <i>Applied Radiation and Isotopes</i> , <b>2002</b> , 56, 895-9	1.7	4
44	Analysis of sample volume dependence of <sup>125</sup> I in a radionuclide calibrator. <i>Nuclear Medicine Communications</i> , <b>1991</b> , 12, 445-50	1.6	4
43	Famous medical physicists often get more credit for discoveries due to their fame than less prominent scientists who may have contributed as much or earlier to these developments. <i>Medical Physics</i> , <b>2017</b> , 44, 1209-1211	4.4	3
42	A decision support model and tool to assist financial decision-making in universities. <i>Journal of Higher Education Policy and Management</i> , <b>2015</b> , 37, 69-82	2.1	3



41	Chondrichthyan research in South America: Endocrinology overview and research trends over 50 years (1967-2016) compared to the rest of the world. <i>General and Comparative Endocrinology</i> , <b>2019</b> , 273, 118-133	3	3
40	Point/counterpoint. "Hybrid gold" is the most appropriate open-access modality for journals like Medical Physics. <i>Medical Physics</i> , <b>2015</b> , 42, 1-4	4.4	3
39	Refraction-compensated motion tracking of unrestrained small animals in positron emission tomography. <i>Medical Image Analysis</i> , <b>2012</b> , 16, 1317-28	15.4	3
38	Preliminary characterization of PRESAGE <sup>®</sup> for 3D dosimetry of 62 MeV proton beam. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 444, 012058	0.3	3
37	Measuring facial swelling using three-dimensional imaging. <i>Medical Informatics = Medecine Et Informatique</i> , <b>1997</b> , 22, 155-64		3
36	Citations are a good way to determine the quality of research. <i>Physical and Engineering Sciences in Medicine</i> , <b>2020</b> , 43, 1145-1148	7	3
35	Water equivalence of micelle gels for x-ray beams. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 444, 012024	0.3	2
34	Light scattering artefacts in a funnel phantom using optical CT. <i>Journal of Physics: Conference Series</i> , <b>2009</b> , 164, 012021	0.3	2
33	Variation of concentration of tetrakis and hydroquinone with post-irradiation times in PAGAT polymer gel dosimeter. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 56, 142-144	0.3	2
32	A survey of radioactive waste disposal arrangements in UK hospitals and medical research institutions. <i>Journal of Radiological Protection</i> , <b>1991</b> , 11, 259-265	1.2	2
31	Trends in Radiation Dosimetry: preliminary overview of active growth areas, research trends and hot topics from 2011-2015. <i>Journal of Physics: Conference Series</i> , <b>2017</b> , 777, 012030	0.3	1
30	Refraction-compensated motion tracking of unrestrained animals in PET <b>2010</b> ,		1
29	An investigation of motion tracking for freely moving animals in PET <b>2010</b> ,		1
28	Understanding and compensating for refraction errors in stereo-optical tracking during small animal PET / SPECT <b>2009</b> ,		1
27	Novel SLAM-based markerless motion tracking of conscious unrestrained rodents in PET <b>2011</b> ,		1
26	Head and neck field matching verification using three dimensional PAGAT polymer gel dosimetry. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 56, 286-288	0.3	1
25	Optical Evaluation of normoxic PAGAT polymer gel dosimeters used to measure SWDP on diagnostic CT scanners <b>2007</b> , 1606-1608		1
24	In the future all accredited radiotherapy physicists should have a PhD. <i>Physical and Engineering Sciences in Medicine</i> , <b>2020</b> , 43, 1139-1143	7	1



23	Monte Carlo water-equivalence study of two PRESAGE <sup>®</sup> formulations for proton beam dosimetry. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 444, 012090	0.3	o
22	An increase in retractions of research publications is an issue for Medical Physics. <i>Medical Physics</i> , <b>2021</b> , 48, 927-930	4.4	o
21	Computer simulations can replace in-vivo experiments for implantable medical devices. <i>Physical and Engineering Sciences in Medicine</i> , <b>2021</b> , 44, 1-5	7	o
20	Artificial intelligence (AI) will enable improved diagnosis and treatment outcomes. <i>Physical and Engineering Sciences in Medicine</i> , <b>2021</b> , 44, 603-606	7	o
19	Radiation treatment dose optimisation using Poisson tumour control probability parameters. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 489, 012047	0.3	
18	An Australian secondary standard dosimetry laboratory participation in IAEA postal dose audits. <i>Australasian Physical and Engineering Sciences in Medicine</i> , <b>2013</b> , 36, 55-8	1.9	
17	Point/Counterpoint. Practicing and aspiring medical physicists can safely disregard university rankings at no peril to them. <i>Medical Physics</i> , <b>2014</b> , 41, 050601	4.4	
16	Photometric calibration of a radiochromic gel dosimeter. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 444, 012037	0.3	
15	Verification of a non-diffusing gel dosimeter. <i>Journal of Physics: Conference Series</i> , <b>2013</b> , 444, 012040	0.3	
14	Monte Carlo Simulation Dose Calculation for Intensity Modulated Radiosurgery. <i>Radiosurgery</i> , <b>2010</b> , 84-94		
13	Assessing space utilisation relative to key performance indicators How well, not how much, space is used. <i>Journal of Higher Education Policy and Management</i> , <b>2012</b> , 34, 503-515	2.1	
12	The "push-pull" dosimeter: When two pigments are better than one. <i>Journal of Physics: Conference Series</i> , <b>2010</b> , 250, 012010	0.3	
11	Intercomparison of ionisation chamber measurements from (125)I seeds. <i>Applied Radiation and Isotopes</i> , <b>2007</b> , 65, 517-8	1.7	
10	Computer tomography dose index measurements on a multislice CT scanner using polymer gels. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 56, 276-279	0.3	
9	Initial investigation of a novel phantom for simulating optical scattering of dosimetric gels. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 56, 168-171	0.3	
8	Comments on the measurement of activity in vials and syringes using a radionuclide assay calibrator. <i>Physics in Medicine and Biology</i> , <b>1993</b> , 38, 1985-1986	3.8	
7	Novel phantom for evaluation of optical computer tomography scanners used for evaluation of radiotherapy gel dosimeters <b>2007</b> , 1887-1889		
6	SU-FF-T-181: An Investigation of Surface Dose Changes for Therapeutic Kilovoltage X-Ray Beams with Underlying Lead Shielding. <i>Medical Physics</i> , <b>2005</b> , 32, 1991-1991	4.4	

5	SU-EE-A2-02: Evaluation of Radiation Dosimeters for Kilovoltage X-Ray Beam Dosimetry. <i>Medical Physics</i> , <b>2007</b> , 34, 2336-2337	4.4
4	SU-FF-T-52: A Test for Water Equivalence of Solid Phantoms in the Kilovoltage Photon Energy Range. <i>Medical Physics</i> , <b>2007</b> , 34, 2412-2412	4.4
3	Citations, Open Access and University Rankings. <i>Advances in Educational Marketing, Administration, and Leadership Book Series</i> , <b>2017</b> , 129-139	0.1
2	In the future, ultrasound guidance in radiotherapy will become a clinical standard. <i>Physical and Engineering Sciences in Medicine</i> , <b>2021</b> , 44, 347-350	7
1	Radiation protection in radiotherapy is too conservative. <i>Physical and Engineering Sciences in Medicine</i> , <b>2021</b> , 44, 607-611	7