

Peter Hogg

List of Publications by Year in descending order

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Version: 2024-02-01

157
papers

1,776
citations

448610

19
h-index

466096

32
g-index

167
all docs

167
docs citations

167
times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Pressure distribution analysis of X-Ray table mattresses. Journal of Medical Imaging and Radiation Sciences, 2021, 52, 97-103.	0.2	0
2	Comparing the supine and erect pelvis radiographic examinations: an evaluation of anatomy, image quality and radiation dose. British Journal of Radiology, 2021, 94, 20210047.	1.0	10
3	Video rasterstereography of the spine and pelvis in eight erect positions: A reliability study. Radiography, 2020, 26, e7-e13.	1.1	4
4	The accuracy of Cobb angle measurement on CT scan projection radiograph images. Radiography, 2020, 26, e73-e77.	1.1	5
5	Can the anode heel effect be used to optimise radiation dose and image quality for AP pelvis radiography?. Radiography, 2020, 26, e103-e108.	1.1	3
6	Translating radiography research into practice. Radiography, 2020, 26, S1-S2.	1.1	3
7	A Phantom-Based Method to Assess X-Ray Table Mattress Interface Pressures. Journal of Medical Imaging and Radiation Sciences, 2020, 51, 417-424.	0.2	2
8	A narrative review on pressure ulcer (PU) studies relevant to medical imaging. Pan African Medical Journal, 2020, 36, 66.	0.3	3
9	An Experimental Intervention Study Assessing the Impact of a Thin Silicone Gel Surface Overlay on Interface Pressure. Radiology Research and Practice, 2020, 2020, 1-9.	0.6	0
10	Covid-19: Free resources to support radiographers. Radiography, 2020, 26, 189-191.	1.1	14
11	Neonatal chest radiography: Influence of standard clinical protocols and radiographic equipment on pathology visibility and radiation dose using a neonatal chest phantom. Radiography, 2020, 26, 282-287.	1.1	4
12	An Investigation of Pressure Ulcer Risk, Comfort, and Pain in Medical Imaging. Journal of Medical Imaging and Radiation Sciences, 2019, 50, 43-52.	0.2	7
13	Radiographers'™ perspectives™ on Visual Grading Analysis as a scientific method to evaluate image quality. Radiography, 2019, 25, S14-S18.	1.1	22
14	Impact of acquisition parameters on dose and image quality optimisation in paediatric pelvis radiography™A phantom study. European Journal of Radiology, 2019, 118, 130-137.	1.2	5
15	Impact of Contralateral Breast Shielding on the Risk of Developing Radiation-induced Cancer from Full-field Digital Mammography Screening. Journal of Medical Imaging and Radiation Sciences, 2019, 50, 331-336.	0.2	6
16	Scoliosis imaging: An analysis of radiation risk in the CT scan projection radiograph and a comparison with projection radiography and EOS. Radiography, 2019, 25, e68-e74.	1.1	16
17	Comparative analysis of radiation dose and low contrast detail detectability using routine paediatric chest radiography protocols. European Journal of Radiology, 2019, 113, 198-203.	1.2	5
18	Dose optimisation in paediatric radiography – Using regression models to investigate the relative impact of acquisition factors on image quality and radiation dose. Physica Medica, 2019, 68, 61-68.	0.4	10

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19	Relationship between body habitus and image quality and radiation dose in chest X-ray examinations: A phantom study. <i>Physica Medica</i> , 2019, 57, 65-71.	0.4	14
20	ROI-based reversible watermarking scheme for ensuring the integrity and authenticity of DICOM MR images. <i>Multimedia Tools and Applications</i> , 2019, 78, 16433-16463.	2.6	24
21	A review of mammographic positioning image quality criteria for the craniocaudal projection. <i>British Journal of Radiology</i> , 2018, 91, 20170611.	1.0	9
22	Are Antimony-Bismuth Aprons as Efficient as Lead Rubber Aprons in Providing Shielding against Scattered Radiation?. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 201-206.	0.2	16
23	Effective lifetime radiation risk for a number of national mammography screening programmes. <i>Radiography</i> , 2018, 24, 240-246.	1.1	13
24	The impact of hoist sling fabrics on interface pressure whilst sitting in healthy volunteers and wheelchair users: A comparative study. <i>Journal of Tissue Viability</i> , 2018, 27, 90-94.	0.9	1
25	Calculating Individual Lifetime Effective Risk from Initial Mean Glandular Dose Arising from the First Screening Mammogram. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 406-413.	0.2	6
26	A novel method for comparing radiation dose and image quality, between and within different x-ray units in a series of hospitals. <i>Journal of Radiological Protection</i> , 2018, 38, 1344-1358.	0.6	6
27	Determining and updating PET/CT and SPECT/CT diagnostic reference levels: A systematic review. <i>Radiation Protection Dosimetry</i> , 2018, 182, 532-545.	0.4	20
28	Construction and validation of a low cost paediatric pelvis phantom. <i>European Journal of Radiology</i> , 2018, 108, 84-91.	1.2	22
29	Optimum Positioning for Anteroposterior Pelvis Radiography: A Literature Review. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 316-324.e3.	0.2	8
30	Breast compression across consecutive examinations among females participating in BreastScreen Norway. <i>British Journal of Radiology</i> , 2018, 91, 20180209.	1.0	6
31	RE: Effective lifetime radiation risk for a number of national mammography screening programmes. <i>Radiography</i> , 2018, 24, 273.	1.1	0
32	An investigation into the validity of utilising the CDRAD 2.0 phantom for optimisation studies in digital radiography. <i>British Journal of Radiology</i> , 2018, 91, 20180317.	1.0	15
33	Blurred digital mammography images: an analysis of technical recall and observer detection performance. <i>British Journal of Radiology</i> , 2017, 90, 20160271.	1.0	10
34	Compression forces used in the Norwegian Breast Cancer Screening Program. <i>British Journal of Radiology</i> , 2017, 90, 20160770.	1.0	22
35	Does collimation affect patient dose in antero-posterior thoraco-lumbar spine?. <i>Radiography</i> , 2017, 23, 211-215.	1.1	14
36	Closed-loop control of compression paddle motion to reduce blurring in mammograms. <i>Medical Physics</i> , 2017, 44, 4139-4147.	1.6	1

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37	The impact of simulated motion blur on lesion detection performance in full-field digital mammography. <i>British Journal of Radiology</i> , 2017, 90, 20160871.	1.0	8
38	Mathematical modelling of radiation-induced cancer risk from breast screening by mammography. <i>European Journal of Radiology</i> , 2017, 96, 98-103.	1.2	12
39	Research Informed Teaching Experience in Diagnostic Radiography: The Perspectives of Academic Tutors and Clinical Placement Educators. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2017, 48, 226-232.	0.2	9
40	Effect of reconstruction methods and x-ray tube current-time product on nodule detection in an anthropomorphic thorax phantom: A cross-modality JAFROC observer study. <i>Medical Physics</i> , 2016, 43, 1265-1274.	1.6	5
41	Impact of errors in recorded compressed breast thickness measurements on volumetric density classification using <i>volpara v1.5.0</i> software. <i>Medical Physics</i> , 2016, 43, 2870-2876.	1.6	6
42	Effective Dose and Effective Risk from Post- ¹⁸ F-Sodium Fluoride PET/CT Bone Scans in the Diagnosis of Metastatic Bone Disease from Breast and Prostate Cancer. <i>Journal of Nuclear Medicine Technology</i> , 2016, 44, 217-222.	0.2	1
43	The Role of ¹⁸ F-Sodium Fluoride PET/CT Bone Scans in the Diagnosis of Metastatic Bone Disease from Breast and Prostate Cancer. <i>Journal of Nuclear Medicine Technology</i> , 2016, 44, 217-222.	0.4	47
44	The impact of greyscale inversion for nodule detection in an anthropomorphic chest phantom: a free-response observer study. <i>British Journal of Radiology</i> , 2016, 89, 20160249.	1.0	6
45	International collaboration in radiography research. <i>Journal of Medical Radiation Sciences</i> , 2016, 63, 73-74.	0.8	3
46	The Clinical Dilemma of Incidental Findings on the Low-Resolution CT Images from SPECT/CT MPI Studies. <i>Journal of Nuclear Medicine Technology</i> , 2016, 44, 167-172.	0.4	15
47	Guidance on good practice in authorship of journal publications. <i>Radiography</i> , 2016, 22, 203-205.	1.1	2
48	Analysis of motion during the breast clamping phase of mammography. <i>British Journal of Radiology</i> , 2016, 89, 20150715.	1.0	4
49	A Review of Individual and Institutional Publication Productivity in Medical Radiation Science. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2016, 47, 13-20.	0.2	12
50	Development and validation of a visual grading scale for assessing image quality of AP pelvis radiographic images. <i>British Journal of Radiology</i> , 2016, 89, 20150430.	1.0	11
51	Radiation dose differences between thoracic radiotherapy planning CT and thoracic diagnostic CT scans. <i>Radiography</i> , 2016, 22, 107-111.	1.1	10
52	An overview of nuclear medicine imaging procedures. <i>Nursing Standard (Royal College of Nursing)</i> 10(10):10-17	0.1	2
53	A phantom-based JAFROC observer study of two CT reconstruction methods: the search for optimisation of lesion detection and effective dose. <i>Proceedings of SPIE</i> , 2015, , .	0.8	2
54	Lesion Detection Performance: Comparative Analysis of Low-Dose CT Data of the Chest on Two Hybrid Imaging Systems. <i>Journal of Nuclear Medicine Technology</i> , 2015, 43, 47-52.	0.4	2

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55	A 6-year study of mammographic compression force: Practitioner variability within and between screening sites. <i>Radiography</i> , 2015, 21, 68-73.	1.1	36
56	Compression force behaviours: An exploration of the beliefs and values influencing the application of breast compression during screening mammography. <i>Radiography</i> , 2015, 21, 30-35.	1.1	19
57	A method to investigate image blurring due to mammography machine compression paddle movement. <i>Radiography</i> , 2015, 21, 36-41.	1.1	5
58	Breast composition: Measurement and clinical use. <i>Radiography</i> , 2015, 21, 324-333.	1.1	32
59	Breast compression " An exploration of problem solving and decision-making in mammography. <i>Radiography</i> , 2015, 21, 364-369.	1.1	6
60	Breast image pre-processing for mammographic tissue segmentation. <i>Computers in Biology and Medicine</i> , 2015, 67, 61-73.	3.9	19
61	What is the minimum amount of simulated breast movement required for visual detection of blurring? An exploratory investigation. <i>British Journal of Radiology</i> , 2015, 88, 20150126.	1.0	8
62	A method for calculating effective lifetime risk of radiation-induced cancer from screening mammography. <i>Radiography</i> , 2015, 21, 298-303.	1.1	10
63	Unlocking Student Research Potential: Toward a Research Culture in Radiography Undergraduate Learning Curricular. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2015, 46, S6-S9.	0.2	12
64	Message du directeur de la publication invit�. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2015, 46, S3-S5.	0.2	0
65	Mammography screening in Nigeria " A critical comparison to other countries. <i>Radiography</i> , 2015, 21, 348-351.	1.1	14
66	Message from the Guest Editor. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2015, 46, S1-S3.	0.2	1
67	Does elevating image receptor increase breast receptor footprint and improve pressure balance?. <i>Radiography</i> , 2015, 21, 359-363.	1.1	11
68	Multicentre analysis of incidental findings on low-resolution CT attenuation correction images: an extended study. <i>British Journal of Radiology</i> , 2015, 88, 20150555.	1.0	15
69	Observer Studies in Mammography. , 2015, , 291-302.		0
70	Extra patient movement during mammographic imaging: an experimental study. <i>British Journal of Radiology</i> , 2014, 87, 20140241.	1.0	11
71	Multi-centre analysis of incidental findings on low-resolution CT attenuation correction images. <i>British Journal of Radiology</i> , 2014, 87, 20130701.	1.0	21
72	A Free-response Evaluation Determining Value in the Computed Tomography Attenuation Correction Image for Revealing Pulmonary Incidental Findings. <i>Academic Radiology</i> , 2014, 21, 538-545.	1.3	8

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73	Integrating research-informed teaching within an undergraduate diagnostic radiography curriculum: Results from a level 4 (year 1) student cohort. <i>Radiography</i> , 2014, 20, 100-106.	1.1	11
74	An evaluation of the student and tutor experience of a residential summer school event (OPTIMAX). <i>Radiography</i> , 2014, 20, 363-368.	1.1	5
75	Image quality and dose analysis for a PA chest X-ray: Comparison between AEC mode acquisition and manual mode using the 10ÅkVp "rule". <i>Radiography</i> , 2014, 20, 339-345.	1.1	8
76	Guest Editorial: OPTIMAX 2013. <i>Radiography</i> , 2014, 20, 293-294.	1.1	6
77	Comparison of effective dose and lifetime risk of cancer incidence of CT attenuation correction acquisitions and radiopharmaceutical administration for myocardial perfusion imaging. <i>British Journal of Radiology</i> , 2014, 87, 20140110.	1.0	4
78	An observational study of cross-cultural communication in short-term, diverse professional learning groups. <i>Radiography</i> , 2014, 20, 356-362.	1.1	2
79	A systematic procedure to optimise dose and image quality for the measurement of inter-vertebral angles from lateral spinal projections using Cobb and superimposition methods. <i>Journal of X-Ray Science and Technology</i> , 2014, 22, 613-625.	0.7	4
80	The influence of experience and training in a group of novice observers: A jackknife alternative free-response receiver operating characteristic analysis. <i>Radiography</i> , 2014, 20, 300-305.	1.1	6
81	Increasing source to image distance for AP pelvis imaging " Impact on radiation dose and image quality. <i>Radiography</i> , 2014, 20, 351-355.	1.1	18
82	Development and validation of a psychometric scale for assessing PA chest image quality: A pilot study. <i>Radiography</i> , 2014, 20, 312-317.	1.1	11
83	Breast tissue bulge and lesion visibility during stereotactic biopsy " A phantom study. <i>Radiography</i> , 2014, 20, 271-276.	1.1	3
84	An overview of measuring and modelling dose and risk from ionising radiation for medical exposures. <i>Radiography</i> , 2014, 20, 323-332.	1.1	16
85	10ÅkVp rule " An anthropomorphic pelvis phantom imaging study using a CR system: Impact on image quality and effective dose using AEC and manual mode. <i>Radiography</i> , 2014, 20, 333-338.	1.1	20
86	Analysing data from observer studies in medical imaging research: An introductory guide to free-response techniques. <i>Radiography</i> , 2014, 20, 295-299.	1.1	9
87	Developing and validating a psychometric scale for image quality assessment. <i>Radiography</i> , 2014, 20, 306-311.	1.1	10
88	A Novel Image Enhancement Methodology for Full Field Digital Mammography. <i>Lecture Notes in Computer Science</i> , 2014, , 650-657.	1.0	2
89	Effects of kilovoltage, milliampere seconds, and focal spot size on image quality. <i>Radiologic Technology</i> , 2014, 85, 479-85.	0.1	7
90	A mammography image set for research purposes using BI-RADS density classification. <i>Radiologic Technology</i> , 2014, 85, 609-13.	0.1	1

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91	The power and the pain: Mammographic compression research from the service-users' perspective. Radiography, 2013, 19, 190-195.	1.1	17
92	Practitioner compression force variation in mammography: A 6-year study. Radiography, 2013, 19, 200-206.	1.1	42
93	Optimising the number of thermoluminescent dosimeters required for the measurement of effective dose for computed tomography attenuation correction data in SPECT/CT myocardial perfusion imaging. Radiography, 2013, 19, 42-47.	1.1	8
94	Mammography compression force readings. Radiography, 2013, 19, 280.	1.1	0
95	Fact or fiction: An analysis of the 10ÅkVp â€™ in computed radiography. Radiography, 2013, 19, 223-227.	1.1	19
96	Integrating research-informed teaching within an undergraduate level 4 (year 1) diagnostic radiography curriculum: a pilot study. Journal of Vocational Education and Training, 2013, 65, 351-368.	0.9	6
97	Towards a research informed teaching experience within a diagnostic radiography curriculum: The level 4 (year 1) student holistic experience. Radiography, 2013, 19, 62-66.	1.1	15
98	RE: Attitude to and perceptions of research for health science lecturers. Radiography, 2013, 19, 369.	1.1	1
99	Does an increase in compression force really improve visual image quality in mammography? â€“ An initial investigation. Radiography, 2013, 19, 363-365.	1.1	12
100	Anthropomorphic chest phantom imaging â€“ The potential for dose creep inÂcomputed radiography. Radiography, 2013, 19, 207-211.	1.1	30
101	A mixed model study evaluating lean in the transformation of an Orthopaedic Radiology service. Radiography, 2013, 19, 2-6.	1.1	16
102	Tissue bulge during stereotactic core biopsy. Radiography, 2013, 19, 366-368.	1.1	1
103	A method to measure paddle and detector pressures and footprints in mammography. Medical Physics, 2013, 40, 041907.	1.6	5
104	Variation of visual image quality using CR technology, relationship with E. Radiography, 2013, 19, 85-86.	1.1	1
105	Pressure and breast thickness in mammographyâ€”what about physics?<i>Author reply</i>. British Journal of Radiology, 2013, 86, 20130267.	1.0	0
106	Practitioner compression force variability in mammography: a preliminary study. British Journal of Radiology, 2013, 86, 20110596.	1.0	60
107	Pressure and breast thickness in mammographyâ€”an exploratory calibration study. British Journal of Radiology, 2013, 86, 20120222-20120222.	1.0	19
108	The Value of Observer Performance Studies in Dose Optimization: A Focus on Free-Response Receiver Operating Characteristic Methods. Journal of Nuclear Medicine Technology, 2013, 41, 57-64.	0.4	9

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109	Accurate localization of incidental findings on the computed tomography attenuation correction image. Nuclear Medicine Communications, 2013, 34, 180-184.	0.5	5
110	Clinical evaluation of the computed tomography attenuation correction map for myocardial perfusion imaging. Nuclear Medicine Communications, 2012, 33, 1122-1126.	0.5	8
111	Analysis of CT acquisition parameters suitable for use in SPECT/CT: A free-response receiver operating characteristic study. Radiography, 2012, 18, 238-243.	1.1	4
112	ROCView: prototype software for data collection in jackknife alternative free-response receiver operating characteristic analysis. British Journal of Radiology, 2012, 85, 1320-1326.	1.0	19
113	Balancing radiation dose and image quality in diagnostic imaging. Radiography, 2012, 18, e1-e2.	1.1	7
114	Bash bash bash "It almost fits perfectly now. College of Radiographers 39th Welbeck Memorial Lecture. Radiography, 2012, 18, 96-99.	1.1	2
115	Blurred digital mammography images. Radiography, 2012, 18, 55-56.	1.1	8
116	A UK-wide analysis of trait emotional intelligence within the radiography profession. Radiography, 2012, 18, 166-171.	1.1	35
117	Role of nuclear medicine technologists. Nuclear Medicine Communications, 2011, 32, 977-979.	0.5	4
118	The readout thickness versus the measured thickness for a range of screen film mammography and full-field digital mammography units. Medical Physics, 2011, 39, 263-271.	1.6	28
119	Euro-American Discussion Document on Entry-Level and Advanced Practice in Nuclear Medicine. Journal of Nuclear Medicine Technology, 2011, 39, 240-248.	0.4	3
120	Creating and validating self-efficacy scales for students. Radiologic Technology, 2011, 83, 10-9.	0.1	12
121	Supporting socialisation in the transition to university: A potential use for on-line discussion boards. Radiography, 2010, 16, 48-55.	1.1	7
122	"Then and now" a reflection on Brian Bentley's period of professional contribution. Radiography, 2009, 15, e3-e4.	1.1	1
123	Manchester medical society (imaging section) presidential address 2008. Radiography, 2009, 15, e85-e88.	1.1	1
124	Preparedness for clinical practice "Perceptions of graduates and their work supervisors. Radiography, 2008, 14, 226-232.	1.1	21
125	Editorial for issue 14/1. Radiography, 2008, 14, 1.	1.1	0
126	Valedictory Editorial. Radiography, 2008, 14, 177.	1.1	2

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127	Consultant radiographer leadership – A discussion. Radiography, 2008, 14, e39-e45.	1.1	8
128	The role of a consultant breast radiographer: A description and a reflection. Radiography, 2008, 14, e2-e10.	1.1	17
129	Effectiveness of UK radiographer image reading. Radiologic Technology, 2008, 79, 221-6.	0.1	12
130	An analysis of motion correction for 99Tcm DMSA renal imaging in paediatrics. Radiography, 2007, 13, 109-121.	1.1	2
131	Magnetic resonance imaging contrast agents: Overview and perspectives. Radiography, 2007, 13, e5-e19.	1.1	162
132	Editorial. Radiography, 2007, 13, 1.	1.1	1
133	Issue 2, 2007. Radiography, 2007, 13, 87-88.	1.1	0
134	Issue 4 editorial. Radiography, 2007, 13, 257.	1.1	0
135	The role of the GI radiographer: a United Kingdom perspective. Radiologic Technology, 2007, 78, 284-90.	0.1	5
136	A study of child movement during 99Tcm DMSA renal imaging procedures. Radiography, 2006, 12, 225-235.	1.1	2
137	Title is missing!. Radiography, 2006, 12, 1-2.	1.1	0
138	Radiography 1935–1950. Radiography, 2005, 11, 1-2.	1.1	1
139	The impact of publishing in this journal. Radiography, 2005, 11, 233-234.	1.1	0
140	Leadership in research. Radiography, 2004, 10, 69-73.	1.1	12
141	A critical analysis of a locally agreed protocol for clinical practice. Radiography, 2004, 10, 139-144.	1.1	9
142	Title is missing!. Radiography, 2004, 10, 243-248.	1.1	0
143	Advanced Clinical Practice for Radiographers in Great Britain: Professional Roles, Accountability and the Educational Provision. Journal of Medical Imaging and Radiation Sciences, 2004, 35, 6-12.	0.1	7
144	Clinical practice at an advanced level: an introduction. Radiography, 2003, 9, 77-83.	1.1	22

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145	Review section editorial comment. Radiography, 2003, 9, 67-69.	1.1	0
146	Research in our practiceâ€”a requirement not an option: discussion paper. Radiography, 2003, 9, 71-76.	1.1	47
147	This is not the end, nor is it the beginningâ€”but it is the end of the beginningâ€”getting to grips with the research process. Radiography, 2003, 9, 161-167.	1.1	7
148	Reject/repeat analysis and the effect prior film viewing has on a department's reject/repeat rate. Radiography, 2003, 9, 127-137.	1.1	9
149	The gastrointestinal advanced practitioner: an emerging role for the modern radiology service. Radiography, 2003, 9, 151-160.	1.1	94
150	Advanced radiographic practiceâ€”the legal aspects. Radiography, 2003, 9, 305-314.	1.1	20
151	Radiographer prescribing: lessons to be learnt from the community nursing experience. Radiography, 2003, 9, 263-265.	1.1	3
152	Patient preparation for diagnostic nuclear medicine imaging procedures: an analysis of ward nurse knowledge. Radiography, 2002, 8, 139-147.	1.1	4
153	Evaluation of a computer-based information system for patients and members of the public. Radiography, 2000, 6, 89-100.	1.1	4
154	Child protection in radiographic practice. Radiography, 1999, 5, 127-129.	1.1	8
155	Extended roles of radiographers working in nuclear medicine: A survey of current practice. Radiography, 1997, 3, 179-190.	1.1	11
156	Child Protection and Radiography: Clinical and Technical Issues. Child Abuse Review, 1997, 6, 191-198.	0.4	8
157	Child protection and radiography: social and emotional context. Child Abuse Review, 1997, 6, 283-290.	0.4	7