Peter Hogg

List of Publications by Year
in descending order

157 papers	1,776 citations	394390 19 h-index	414395 32 g-index
167 all docs	167 docs citations	167 times ranked	1298 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.	0.3	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.	2.2	10
3	Video rasterstereography of the spine and pelvis in eight erect positions: A reliability study. Radiography, 2020, 26, e7-e13.	2.1	4
4	The accuracy of Cobb angle measurement on CT scan projection radiograph images. Radiography, 2020, 26, e73-e77.	2.1	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.	2.1	3
6	Translating radiography research into practice. Radiography, 2020, 26, S1-S2.	2.1	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.	0.3	2
8	A narrative review on pressure ulcer (PU) studies relevant to medical imaging. Pan African Medical Journal, 2020, 36, 66.	0.8	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.	1.3	0
10	Covid-19: Free resources to support radiographers. Radiography, 2020, 26, 189-191.	2.1	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.	2.1	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.	0.3	7
13	Radiographersâ€™ perspectivesâ€™ on Visual Grading Analysis as a scientific method to evaluate image quality. Radiography, 2019, 25, S14-S18.	2.1	22
14	Impact of acquisition parameters on dose and image quality optimisation in paediatric pelvis radiographyâ€"A phantom study. European Journal of Radiology, 2019, 118, 130-137.	2.6	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.	0.3	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.	2.1	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.	2.6	5
18	Dose optimisation in paediatric radiography â€" Using regression models to investigate the relative impact of acquisition factors on image quality and radiation dose. Physica Medica, 2019, 68, 61-68.	0.7	10

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19	Relationship between body habitus and image quality and radiation dose in chest X-ray examinations: A phantom study. Physica Medica, 2019, 57, 65-71.	0.7	14
20	ROI-based reversible watermarking scheme for ensuring the integrity and authenticity of DICOM MR images. Multimedia Tools and Applications, 2019, 78, 16433-16463.	3.9	24
21	A review of mammographic positioning image quality criteria for the craniocaudal projection. British Journal of Radiology, 2018, 91, 20170611.	2.2	9
22	Are Antimony-Bismuth Aprons as Efficient as Lead Rubber Aprons in Providing Shielding against Scattered Radiation?. Journal of Medical Imaging and Radiation Sciences, 2018, 49, 201-206.	0.3	16
23	Effective lifetime radiation risk for a number of national mammography screening programmes. Radiography, 2018, 24, 240-246.	2.1	13
24	The impact of hoist sling fabrics on interface pressure whilst sitting in healthy volunteers and wheelchair users: A comparative study. Journal of Tissue Viability, 2018, 27, 90-94.	2.0	1
25	Calculating Individual Lifetime Effective Risk from Initial Mean Glandular Dose Arising from the First Screening Mammogram. Journal of Medical Imaging and Radiation Sciences, 2018, 49, 406-413.	0.3	6
26	A novel method for comparing radiation dose and image quality, between and within different x-ray units in a series of hospitals. Journal of Radiological Protection, 2018, 38, 1344-1358.	1.1	6
27	Determining and updating PET/CT and SPECT/CT diagnostic reference levels: A systematic review. Radiation Protection Dosimetry, 2018, 182, 532-545.	0.8	20
28	Construction and validation of a low cost paediatric pelvis phantom. European Journal of Radiology, 2018, 108, 84-91.	2.6	22
29	Optimum Positioning for Anteroposterior Pelvis Radiography: A Literature Review. Journal of Medical Imaging and Radiation Sciences, 2018, 49, 316-324.e3.	0.3	8
30	Breast compression across consecutive examinations among females participating in BreastScreen Norway. British Journal of Radiology, 2018, 91, 20180209.	2.2	6
31	RE: Effective lifetime radiation risk for a number of national mammography screening programmes. Radiography, 2018, 24, 273.	2.1	0
32	An investigation into the validity of utilising the CDRAD 2.0 phantom for optimisation studies in digital radiography. British Journal of Radiology, 2018, 91, 20180317.	2.2	15
33	Blurred digital mammography images: an analysis of technical recall and observer detection performance. British Journal of Radiology, 2017, 90, 20160271.	2.2	10
34	Compression forces used in the Norwegian Breast Cancer Screening Program. British Journal of Radiology, 2017, 90, 20160770.	2.2	22
35	Does collimation affect patient dose in antero-posterior thoraco-lumbar spine?. Radiography, 2017, 23, 211-215.	2.1	14
36	Closedâ€loop control of compression paddle motion to reduce blurring in mammograms. Medical Physics, 2017, 44, 4139-4147.	3.0	1

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37	The impact of simulated motion blur on lesion detection performance in full-field digital mammography. British Journal of Radiology, 2017, 90, 20160871.	2.2	8
38	Mathematical modelling of radiation-induced cancer risk from breast screening by mammography. European Journal of Radiology, 2017, 96, 98-103.	2.6	12
39	Research Informed Teaching Experience in Diagnostic Radiography: The Perspectives of Academic Tutors and Clinical Placement Educators. Journal of Medical Imaging and Radiation Sciences, 2017, 48, 226-232.	0.3	9
40	Effect of reconstruction methods and xâ€ray tube currentâ€"time product on nodule detection in an anthropomorphic thorax phantom: A crossedâ€modality JAFROC observer study. Medical Physics, 2016, 43, 1265-1274.	3.0	5
41	Impact of errors in recorded compressed breast thickness measurements on volumetric density classification using <scp>volpara</scp> v1.5.0 software. Medical Physics, 2016, 43, 2870-2876.	3.0	6
42	Effective Dose and Effective Risk from Postâ€"Single Photon Emission Computed Tomography Imaging of the Lumbar Spine. Journal of Medical Imaging and Radiation Sciences, 2016, 47, 267-275.	0.3	1
43	The Role of ¹⁸F-Sodium Fluoride PET/CT Bone Scans in the Diagnosis of Metastatic Bone Disease from Breast and Prostate Cancer. Journal of Nuclear Medicine Technology, 2016, 44, 217-222.	0.8	47
44	The impact of greyscale inversion for nodule detection in an anthropomorphic chest phantom: a free-response observer study. British Journal of Radiology, 2016, 89, 20160249.	2.2	6
45	International collaboration in radiography research. Journal of Medical Radiation Sciences, 2016, 63, 73-74.	1.5	3
46	The Clinical Dilemma of Incidental Findings on the Low-Resolution CT Images from SPECT/CT MPI Studies. Journal of Nuclear Medicine Technology, 2016, 44, 167-172.	0.8	15
47	Guidance on good practice in authorship of journal publications. Radiography, 2016, 22, 203-205.	2.1	2
48	Analysis of motion during the breast clamping phase of mammography. British Journal of Radiology, 2016, 89, 20150715.	2.2	4
49	A Review of Individual and Institutional Publication Productivity in Medical Radiation Science. Journal of Medical Imaging and Radiation Sciences, 2016, 47, 13-20.	0.3	12
50	Development and validation of a visual grading scale for assessing image quality of AP pelvis radiographic images. British Journal of Radiology, 2016, 89, 20150430.	2.2	11
51	Radiation dose differences between thoracic radiotherapy planning CT and thoracic diagnostic CT scans. Radiography, 2016, 22, 107-111.	2.1	10
52	An overview of nuclear medicine imaging procedures. Nursing Standard (Royal College of Nursing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	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. Proceedings of SPIE, 2015, , .	0.8	2
54	Lesion Detection Performance: Comparative Analysis of Low-Dose CT Data of the Chest on Two Hybrid Imaging Systems. Journal of Nuclear Medicine Technology, 2015, 43, 47-52.	0.8	2

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55	A 6-year study of mammographic compression force: Practitioner variability within and between screening sites. Radiography, 2015, 21, 68-73.	2.1	36
56	Compression force behaviours: An exploration of the beliefs and values influencing the application of breast compression during screening mammography. Radiography, 2015, 21, 30-35.	2.1	19
57	A method to investigate image blurring due to mammography machine compression paddle movement. Radiography, 2015, 21, 36-41.	2.1	5
58	Breast composition: Measurement and clinical use. Radiography, 2015, 21, 324-333.	2.1	32
59	Breast compression â€“ An exploration of problem solving and decision-making in mammography. Radiography, 2015, 21, 364-369.	2.1	6
60	Breast image pre-processing for mammographic tissue segmentation. Computers in Biology and Medicine, 2015, 67, 61-73.	7.0	19
61	What is the minimum amount of simulated breast movement required for visual detection of blurring? An exploratory investigation. British Journal of Radiology, 2015, 88, 20150126.	2.2	8
62	A method for calculating effective lifetime risk of radiation-induced cancer from screening mammography. Radiography, 2015, 21, 298-303.	2.1	10
63	Unlocking Student Research Potential: Toward aÂResearchÂCulture in Radiography Undergraduate Learning Curricular. Journal of Medical Imaging and Radiation Sciences, 2015, 46, S6-S9.	0.3	12
64	Message du directeur de la publication invitÃ©. Journal of Medical Imaging and Radiation Sciences, 2015, 46, S3-S5.	0.3	0
65	Mammography screening in Nigeria â€“ A critical comparison to other countries. Radiography, 2015, 21, 348-351.	2.1	14
66	Message from the Guest Editor. Journal of Medical Imaging and Radiation Sciences, 2015, 46, S1-S3.	0.3	1
67	Does elevating image receptor increase breast receptor footprint andÂimprove pressure balance?. Radiography, 2015, 21, 359-363.	2.1	11
68	Multicentre analysis of incidental findings on low-resolution CT attenuation correction images: an extended study. British Journal of Radiology, 2015, 88, 20150555.	2.2	15
69	Observer Studies in Mammography. , 2015, , 291-302.		0
70	Extra patient movement during mammographic imaging: an experimental study. British Journal of Radiology, 2014, 87, 20140241.	2.2	11
71	Multi-centre analysis of incidental findings on low-resolution CT attenuation correction images. British Journal of Radiology, 2014, 87, 20130701.	2.2	21
72	A Free-response Evaluation Determining Value in the Computed Tomography Attenuation Correction Image for Revealing Pulmonary Incidental Findings. Academic Radiology, 2014, 21, 538-545.	2.5	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. Radiography, 2014, 20, 100-106.	2.1	11
74	An evaluation of the student and tutor experience of a residential summer school event (OPTIMAX). Radiography, 2014, 20, 363-368.	2.1	5
75	Image quality and dose analysis for a PA chest X-ray: Comparison between AEC mode acquisition and manual mode using the 10ÂkVp â€˜ruleâ€™. Radiography, 2014, 20, 339-345.	2.1	8
76	Guest Editorial: OPTIMAX 2013. Radiography, 2014, 20, 293-294.	2.1	6
77	Comparison of effective dose and lifetime risk of cancer incidence of CT attenuation correction acquisitions and radiopharmaceutical administration for myocardial perfusion imaging. British Journal of Radiology, 2014, 87, 20140110.	2.2	4
78	An observational study of cross-cultural communication in short-term, diverse professional learning groups. Radiography, 2014, 20, 356-362.	2.1	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. Journal of X-Ray Science and Technology, 2014, 22, 613-625.	1.0	4
80	The influence of experience and training in a group of novice observers: A jackknife alternative free-response receiver operating characteristic analysis. Radiography, 2014, 20, 300-305.	2.1	6
81	Increasing source to image distance for AP pelvis imaging â€“ Impact on radiation dose and image quality. Radiography, 2014, 20, 351-355.	2.1	18
82	Development and validation of a psychometric scale for assessing PA chest image quality: A pilot study. Radiography, 2014, 20, 312-317.	2.1	11
83	Breast tissue bulge and lesion visibility during stereotactic biopsy â€“ A phantom study. Radiography, 2014, 20, 271-276.	2.1	3
84	An overview of measuring and modelling dose and risk from ionising radiation for medical exposures. Radiography, 2014, 20, 323-332.	2.1	16
85	10ÂkVp rule â€“ An anthropomorphic pelvis phantom imaging study using a CR system: Impact on image quality and effective dose using AEC and manual mode. Radiography, 2014, 20, 333-338.	2.1	20
86	Analysing data from observer studies in medical imaging research: An introductory guide to free-response techniques. Radiography, 2014, 20, 295-299.	2.1	9
87	Developing and validating a psychometric scale for image quality assessment. Radiography, 2014, 20, 306-311.	2.1	10
88	A Novel Image Enhancement Methodology for Full Field Digital Mammography. Lecture Notes in Computer Science, 2014, , 650-657.	1.3	2
89	Effects of kilovoltage, milliampere seconds, and focal spot size on image quality. Radiologic Technology, 2014, 85, 479-85.	0.1	7
90	A mammography image set for research purposes using BI-RADS density classification. Radiologic Technology, 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.	2.1	17
92	Practitioner compression force variation in mammography: A 6-year study. Radiography, 2013, 19, 200-206.	2.1	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.	2.1	8
94	Mammography compression force readings. Radiography, 2013, 19, 280.	2.1	0
95	Fact or fiction: An analysis of the 10ÂkVp â€˜ruleâ€™ in computed radiography. Radiography, 2013, 19, 223-227.	2.1	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.	1.5	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.	2.1	15
98	RE: Attitude to and perceptions of research for health science lecturers. Radiography, 2013, 19, 369.	2.1	1
99	Does an increase in compression force really improve visual image quality in mammography? â€“ An initial investigation. Radiography, 2013, 19, 363-365.	2.1	12
100	Anthropomorphic chest phantom imaging â€“ The potential for dose creep inÂcomputed radiography. Radiography, 2013, 19, 207-211.	2.1	30
101	A mixed model study evaluating lean in the transformation of an Orthopaedic Radiology service. Radiography, 2013, 19, 2-6.	2.1	16
102	Tissue bulge during stereotactic core biopsy. Radiography, 2013, 19, 366-368.	2.1	1
103	A method to measure paddle and detector pressures and footprints in mammography. Medical Physics, 2013, 40, 041907.	3.0	5
104	Variation of visual image quality using CR technology, relationship with E. Radiography, 2013, 19, 85-86.	2.1	1
105	Pressure and breast thickness in mammographyâ€”what about physics?Author reply. British Journal of Radiology, 2013, 86, 20130267.	2.2	0
106	Practitioner compression force variability in mammography: a preliminary study. British Journal of Radiology, 2013, 86, 20110596.	2.2	60
107	Pressure and breast thickness in mammographyâ€”an exploratory calibration study. British Journal of Radiology, 2013, 86, 20120222-20120222.	2.2	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.	0.8	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.	1.1	5
110	Clinical evaluation of the computed tomography attenuation correction map for myocardial perfusion imaging. Nuclear Medicine Communications, 2012, 33, 1122-1126.	1.1	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.	2.1	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.	2.2	19
113	Balancing radiation dose and image quality in diagnostic imaging. Radiography, 2012, 18, e1-e2.	2.1	7
114	Bash bash bash â€“ It almost fits perfectly now. College of Radiographers 39th Welbeck Memorial Lecture. Radiography, 2012, 18, 96-99.	2.1	2
115	Blurred digital mammography images. Radiography, 2012, 18, 55-56.	2.1	8
116	A UK-wide analysis of trait emotional intelligence within the radiography profession. Radiography, 2012, 18, 166-171.	2.1	35
117	Role of nuclear medicine technologists. Nuclear Medicine Communications, 2011, 32, 977-979.	1.1	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.	3.0	28
119	Euro-American Discussion Document on Entry-Level and Advanced Practice in Nuclear Medicine. Journal of Nuclear Medicine Technology, 2011, 39, 240-248.	0.8	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.	2.1	7
122	â€˜Then and now-â€™ a reflection on Brian Bentley's period of professional contribution. Radiography, 2009, 15, e3-e4.	2.1	1
123	Manchester medical society (imaging section) presidential address 2008. Radiography, 2009, 15, e85-e88.	2.1	1
124	Preparedness for clinical practice â€“ Perceptions of graduates and their work supervisors. Radiography, 2008, 14, 226-232.	2.1	21
125	Editorial for issue 14/1. Radiography, 2008, 14, 1.	2.1	0
126	Valedictory Editorial. Radiography, 2008, 14, 177.	2.1	2

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127	Consultant radiographer leadership â€“ A discussion. Radiography, 2008, 14, e39-e45.	2.1	8
128	The role of a consultant breast radiographer: A description and a reflection. Radiography, 2008, 14, e2-e10.	2.1	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.	2.1	2
131	Magnetic resonance imaging contrast agents: Overview and perspectives. Radiography, 2007, 13, e5-e19.	2.1	162
132	Editorial. Radiography, 2007, 13, 1.	2.1	1
133	Issue 2, 2007. Radiography, 2007, 13, 87-88.	2.1	0
134	Issue 4 editorial. Radiography, 2007, 13, 257.	2.1	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.	2.1	2
137	Title is missing!. Radiography, 2006, 12, 1-2.	2.1	0
138	Radiography 1935â€“1950. Radiography, 2005, 11, 1-2.	2.1	1
139	The impact of publishing in this journal. Radiography, 2005, 11, 233-234.	2.1	0
140	Leadership in research. Radiography, 2004, 10, 69-73.	2.1	12
141	A critical analysis of a locally agreed protocol for clinical practice. Radiography, 2004, 10, 139-144.	2.1	9
142	Title is missing!. Radiography, 2004, 10, 243-248.	2.1	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.	2.1	22

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145	Review section editorial comment. Radiography, 2003, 9, 67-69.	2.1	0
146	Research in our practiceâ€"a requirement not an option: discussion paper. Radiography, 2003, 9, 71-76.	2.1	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.	2.1	7
148	Reject/repeat analysis and the effect prior film viewing has on a department's reject/repeat rate. Radiography, 2003, 9, 127-137.	2.1	9
149	The gastrointestinal advanced practitioner: an emerging role for the modern radiology service. Radiography, 2003, 9, 151-160.	2.1	94
150	Advanced radiographic practiceâ€"the legal aspects. Radiography, 2003, 9, 305-314.	2.1	20
151	Radiographer prescribing: lessons to be learnt from the community nursing experience. Radiography, 2003, 9, 263-265.	2.1	3
152	Patient preparation for diagnostic nuclear medicine imaging procedures: an analysis of ward nurse knowledge. Radiography, 2002, 8, 139-147.	2.1	4
153	Evaluation of a computer-based information system for patients and members of the public. Radiography, 2000, 6, 89-100.	2.1	4
154	Child protection in radiographic practice. Radiography, 1999, 5, 127-129.	2.1	8
155	Extended roles of radiographers working in nuclear medicine: A survey of current practice. Radiography, 1997, 3, 179-190.	2.1	11
156	Child Protection and Radiography: Clinical and Technical Issues. Child Abuse Review, 1997, 6, 191-198.	0.8	8
157	Child protection and radiography: social and emotional context. Child Abuse Review, 1997, 6, 283-290.	0.8	7