

# Mark F Mcentee

## 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.

132  
papers

1,548  
citations

20  
h-index

33  
g-index

161  
ext. papers

1,875  
ext. citations

2.8  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
132	Changes in Epithelium, Stroma, and Lumen Space Correlate More Strongly with Gleason Pattern and Are Stronger Predictors of Prostate ADC Changes than Cellularity Metrics. <i>Radiology</i> , <b>2015</b> , 277, 751-62	20.5	97
131	Establishment of CT diagnostic reference levels in Ireland. <i>British Journal of Radiology</i> , <b>2012</b> , 85, 1390-7	3.4	96
130	Ambient lighting: effect of illumination on soft-copy viewing of radiographs of the wrist. <i>American Journal of Roentgenology</i> , <b>2007</b> , 188, W177-80	5.4	88
129	Correction to Robinson JW, Ryan JT, McEntee MF, Lewis SJ, Evanoff MG, Rainford LA, et al. Grey-scale inversion improves detection of lung nodules. <i>Br J Radiol</i> 2013;86:20110812. <i>British Journal of Radiology</i> , <b>2013</b> , 86, 20139003	3.4	78
128	Diagnostic efficacy of handheld devices for emergency radiologic consultation. <i>American Journal of Roentgenology</i> , <b>2010</b> , 194, 469-74	5.4	71
127	The effect of abnormality-prevalence expectation on expert observer performance and visual search. <i>Radiology</i> , <b>2011</b> , 258, 938-43	20.5	62
126	Assessment of Interradiologist Agreement Regarding Mammographic Breast Density Classification Using the Fifth Edition of the BI-RADS Atlas. <i>American Journal of Roentgenology</i> , <b>2016</b> , 206, 1119-23	5.4	45
125	The establishment of computed tomography diagnostic reference levels in Portugal. <i>Radiation Protection Dosimetry</i> , <b>2014</b> , 158, 307-17	0.9	36
124	Measurement of breast density with digital breast tomosynthesis--a systematic review. <i>British Journal of Radiology</i> , <b>2014</b> , 87, 20140460	3.4	32
123	Screening mammography: test set data can reasonably describe actual clinical reporting. <i>Radiology</i> , <b>2013</b> , 268, 46-53	20.5	32
122	Breast composition: Measurement and clinical use. <i>Radiography</i> , <b>2015</b> , 21, 324-333	2	27
121	Image quality assessment tools for optimization of CT images. <i>Radiography</i> , <b>2010</b> , 16, 147-153	2	27
120	The "memory effect" for repeated radiologic observations. <i>American Journal of Roentgenology</i> , <b>2011</b> , 197, W985-91	5.4	25
119	Developing optimized CT scan protocols: Phantom measurements of image quality. <i>Radiography</i> , <b>2011</b> , 17, 109-114	2	24
118	Optimisation of direct digital chest radiography using Cu filtration. <i>Radiography</i> , <b>2014</b> , 20, 346-350	2	23
117	Breast surface radiation dose during coronary CT angiography: reduction by breast displacement and lead shielding. <i>American Journal of Roentgenology</i> , <b>2011</b> , 197, 367-73	5.4	23
116	AP diameter shows the strongest correlation with CTDI and DLP in abdominal and chest CT. <i>Radiation Protection Dosimetry</i> , <b>2010</b> , 140, 266-73	0.9	23

115	Impact of Breast Reader Assessment Strategy on mammographic radiologists' test reading performance. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2016</b> , 60, 352-8	1.7	23
114	Patient-based radiographic exposure factor selection: a systematic review. <i>Journal of Medical Radiation Sciences</i> , <b>2014</b> , 61, 176-90	1.5	22
113	Assessing reader performance in radiology, an imperfect science: lessons from breast screening. <i>Clinical Radiology</i> , <b>2012</b> , 67, 623-8	2.9	22
112	Development of an organ-specific insert phantom generated using a 3D printer for investigations of cardiac computed tomography protocols. <i>Journal of Medical Radiation Sciences</i> , <b>2018</b> , 65, 175-183	1.5	20
111	Inter-rater reliability of a reflective rubric to assess pharmacy students' reflective thinking. <i>Currents in Pharmacy Teaching and Learning</i> , <b>2017</b> , 9, 989-995	1.5	19
110	Reliability of a radiological grading system for dermal backflow in lymphoscintigraphy imaging. <i>Academic Radiology</i> , <b>2013</b> , 20, 758-63	4.3	18
109	Collaboration between radiological technologists (radiographers) and junior doctors during image interpretation improves the accuracy of diagnostic decisions. <i>Radiography</i> , <b>2012</b> , 18, 90-95	2	17
108	Number of mammography cases read per year is a strong predictor of sensitivity. <i>Journal of Medical Imaging</i> , <b>2014</b> , 1, 015503	2.6	17
107	The impact of acoustic noise found within clinical departments on radiology performance. <i>Academic Radiology</i> , <b>2008</b> , 15, 472-6	4.3	17
106	Relationship Between Breast Density and Selective Estrogen-Receptor Modulators, Aromatase Inhibitors, Physical Activity, and Diet: A Systematic Review. <i>Integrative Cancer Therapies</i> , <b>2016</b> , 15, 127-44	4.3	17
105	Mammographic Breast Density Assessment Using Automated Volumetric Software and Breast Imaging Reporting and Data System (BIRADS) Categorization by Expert Radiologists. <i>Academic Radiology</i> , <b>2016</b> , 23, 70-7	4.3	15
104	In the digital era, architectural distortion remains a challenging radiological task. <i>Clinical Radiology</i> , <b>2016</b> , 71, e35-40	2.9	15
103	On the choice of acceptance radius in free-response observer performance studies. <i>British Journal of Radiology</i> , <b>2013</b> , 86, 42313554	3.4	15
102	Increasing Prevalence Expectation in Thoracic Radiology Leads to Overcall. <i>Academic Radiology</i> , <b>2016</b> , 23, 284-9	4.3	14
101	Mean glandular dose in digital mammography: a dose calculation method comparison. <i>Journal of Medical Imaging</i> , <b>2017</b> , 4, 013502	2.6	13
100	The effect of patient shield position on gonad dose during lumbar spine radiography. <i>Radiography</i> , <b>2010</b> , 16, 131-135	2	13
99	PA positioning significantly reduces testicular dose during sacroiliac joint radiography. <i>Radiography</i> , <b>2010</b> , 16, 333-338	2	13
98	Radiation dose and diagnostic image quality associated with iterative reconstruction in coronary CT angiography: A systematic review. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2016</b> , 60, 459-68	1.7	13

97	Breast density (BD) assessment with digital breast tomosynthesis (DBT): Agreement between Quantra and 5th edition BI-RADS. <i>Breast</i> , <b>2016</b> , 30, 185-190	3.6	12
96	Maltese CT doses for commonly performed examinations demonstrate alignment with published DRLs across Europe. <i>Radiation Protection Dosimetry</i> , <b>2012</b> , 150, 198-206	0.9	12
95	Diagnostic reference levels in digital mammography: a systematic review. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 167, 608-19	0.9	11
94	Quantra should be considered a tool for two-grade scale mammographic breast density classification. <i>British Journal of Radiology</i> , <b>2016</b> , 89, 20151057	3.4	11
93	Diagnostic reference levels for digital mammography in New South Wales. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2017</b> , 61, 48-57	1.7	11
92	Mammographic density measurements are not affected by mammography system. <i>Journal of Medical Imaging</i> , <b>2015</b> , 2, 015501	2.6	11
91	Variations in performance of LCDs are still evident after DICOM gray-scale standard display calibration. <i>American Journal of Roentgenology</i> , <b>2010</b> , 195, 181-7	5.4	11
90	A comparison of low contrast performance for amorphous Silicon/caesium iodide direct radiography with a computed radiography: A contrast detail phantom study. <i>Radiography</i> , <b>2007</b> , 13, 89-94	9.4	11
89	Determining and updating PET/CT and SPECT/CT diagnostic reference levels: A systematic review. <i>Radiation Protection Dosimetry</i> , <b>2018</b> , 182, 532-545	0.9	11
88	DIAGNOSTIC REFERENCE LEVELS IN CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY: A SYSTEMATIC REVIEW. <i>Radiation Protection Dosimetry</i> , <b>2018</b> , 178, 63-72	0.9	10
87	A Review of Individual and Institutional Publication Productivity in Medical Radiation Science. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2016</b> , 47, 13-20	1.4	10
86	An evaluation of in-plane shields during thoracic CT. <i>Radiation Protection Dosimetry</i> , <b>2013</b> , 155, 439-50	0.9	10
85	The effect of X-ray tube potential on the image quality of PA chest radiographs when using digital image acquisition devices. <i>Radiography</i> , <b>2004</b> , 10, 287-292	2	10
84	Dose-reducing strategies in combination offers substantial potential benefits to females requiring X-ray examination. <i>Radiation Protection Dosimetry</i> , <b>2004</b> , 108, 123-32	0.9	10
83	Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. <i>Computers in Biology and Medicine</i> , <b>2018</b> , 102, 132-137	7	10
82	CT radiation dose and image quality optimization using a porcine model. <i>Radiologic Technology</i> , <b>2013</b> , 85, 127-36	1.1	10
81	Effective lifetime radiation risk for a number of national mammography screening programmes. <i>Radiography</i> , <b>2018</b> , 24, 240-246	2	9
80	Grey-scale inversion improves detection of lung nodules. <i>British Journal of Radiology</i> , <b>2013</b> , 86, 27961545.4	5.4	9

79	The PA projection of the clavicle: a dose-reducing technique. <i>Radiation Protection Dosimetry</i> , <b>2010</b> , 139, 539-45	0.9	9
78	Optimum ambient lighting conditions for the viewing of softcopy radiological images <b>2006</b> ,		9
77	Visual grading characteristics and ordinal regression analysis during optimisation of CT head examinations. <i>Insights Into Imaging</i> , <b>2015</b> , 6, 393-401	5.6	7
76	An Evaluation of Performance Characteristics of Primary Display Devices. <i>Journal of Digital Imaging</i> , <b>2016</b> , 29, 175-82	5.3	7
75	DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC CT ANGIOGRAPHY IN AUSTRALIA. <i>Radiation Protection Dosimetry</i> , <b>2018</b> , 182, 525-531	0.9	7
74	Reducing Dose for Digital Cranial Radiography: The Increased Source to the Image-receptor Distance Approach. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2013</b> , 44, 180-187	1.4	7
73	Doctoral profile of the medical radiation sciences: a baseline for Australia and New Zealand. <i>Journal of Medical Radiation Sciences</i> , <b>2017</b> , 64, 195-202	1.5	7
72	Time of day does not affect radiologists' accuracy in breast lesion detection <b>2011</b> ,		7
71	Diagnostic reference levels for paediatric CT in Jordan. <i>Journal of Radiological Protection</i> , <b>2019</b> , 39, 1060-1073	1.073	6
70	The impact of pediatric-specific dose modulation curves on radiation dose and image quality in head computed tomography. <i>Pediatric Radiology</i> , <b>2015</b> , 45, 1814-22	2.8	6
69	A method for calculating effective lifetime risk of radiation-induced cancer from screening mammography. <i>Radiography</i> , <b>2015</b> , 21, 298-303	2	6
68	ESTABLISHING DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY IN SAUDI ARABIA. <i>Radiation Protection Dosimetry</i> , <b>2018</b> , 181, 129-134	0.9	6
67	A review of mammographic positioning image quality criteria for the craniocaudal projection. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20170611	3.4	6
66	Influence of radiology expertise on the perception of nonmedical images. <i>Journal of Medical Imaging</i> , <b>2018</b> , 5, 031402	2.6	6
65	Operator eye doses during computed tomography fluoroscopic lung biopsy. <i>Journal of Radiological Protection</i> , <b>2016</b> , 36, 290-8	1.2	5
64	Are mammographic density phenotypes associated with breast cancer treatment response and clinical outcomes? A systematic review and meta-analysis. <i>Breast</i> , <b>2019</b> , 47, 62-76	3.6	5
63	The effect of JPEG2000 compression on detection of skull fractures. <i>Academic Radiology</i> , <b>2013</b> , 20, 712-20	4.0	5
62	A multi-phased study of optimisation methodologies and radiation dose savings for head CT examinations. <i>Radiation Protection Dosimetry</i> , <b>2015</b> , 163, 480-90	0.9	5

61	Mammography test sets: reading location and prior images do not affect group performance. <i>Clinical Radiology</i> , <b>2014</b> , 69, 397-402	2.9	5
60	A FROC analysis of radiographers performance in identification of distal radial fractures. <i>European Journal of Radiography</i> , <b>2009</b> , 1, 90-94		5
59	An examination of practice during radiography of the clavicle. <i>Radiography</i> , <b>2010</b> , 16, 125-130	2	5
58	Intercountry analysis of breast density classification using visual grading. <i>British Journal of Radiology</i> , <b>2017</b> , 90, 20170064	3.4	4
57	The pop-up research centre - Challenges and opportunities. <i>Radiography</i> , <b>2019</b> , 25 Suppl 1, S19-S24	2	4
56	Inter-observer variability in mammographic density assessment using Royal Australian and New Zealand College of Radiologists (RANZCR) synoptic scales. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2016</b> , 60, 329-36	1.7	4
55	Analysis of motion during the breast clamping phase of mammography. <i>British Journal of Radiology</i> , <b>2016</b> , 89, 20150715	3.4	4
54	Dementia patient care in the diagnostic medical imaging department. <i>Radiography</i> , <b>2018</b> , 24 Suppl 1, S33-S42	2	4
53	Establishment of diagnostic reference levels in cardiac computed tomography. <i>Journal of Applied Clinical Medical Physics</i> , <b>2019</b> , 20, 181-186	2.3	4
52	Paediatric CT optimisation utilising Catphan 600 and age-specific anthropomorphic phantoms. <i>Radiation Protection Dosimetry</i> , <b>2014</b> , 162, 586-96	0.9	4
51	Breast screen new South wales generally demonstrates good radiologic viewing conditions. <i>Journal of Digital Imaging</i> , <b>2013</b> , 26, 759-67	5.3	4
50	Explicit expectations and the effects of prevalence. <i>Radiology</i> , <b>2011</b> , 261, 328; author reply 328-9	20.5	4
49	Quantifying the clinical relevance of a laboratory observer performance paradigm. <i>British Journal of Radiology</i> , <b>2012</b> , 85, 1287-302	3.4	4
48	Optimization of region of interest luminances may enhance radiologists' light adaptation. <i>Academic Radiology</i> , <b>2008</b> , 15, 488-93	4.3	4
47	Diagnostic reference levels for F-FDG whole body PET/CT procedures: Results from a survey of 12 centres in Australia and New Zealand. <i>Journal of Medical Imaging and Radiation Oncology</i> , <b>2019</b> , 63, 291-299	1.7	4
46	OPTIMAL COLLIMATION SIGNIFICANTLY IMPROVES LUMBAR SPINE RADIOGRAPHY. <i>Radiation Protection Dosimetry</i> , <b>2020</b> , 189, 420-427	0.9	3
45	Is mammographic density a marker of breast cancer phenotypes?. <i>Cancer Causes and Control</i> , <b>2020</b> , 31, 749-765	2.8	3
44	Mammographic Breast Density: Comparison Across Women with Conclusive and Inconclusive Mammography Reports. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2016</b> , 47, 55-59	1.4	3

43	An evaluation of paediatric projection radiography in Ireland. <i>Radiography</i> , <b>2014</b> , 20, 189-194	2	3
42	Direction of an initial saccade depends on radiological expertise <b>2014</b> ,		3
41	Rationale for National and Local Dose Reference Levels and Collective Effective Dose in CT. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2009</b> , 40, 109-115	1.4	3
40	Ambient lighting: setting international standards for the viewing of softcopy chest images <b>2007</b> ,		3
39	Web watch: radiographic anatomy on the web. <i>Radiography</i> , <b>2004</b> , 10, 293-298	2	3
38	Impact of errors in recorded compressed breast thickness measurements on volumetric density classification using volpara v1.5.0 software. <i>Medical Physics</i> , <b>2016</b> , 43, 2870-2876	4.4	3
37	Mammographic densities of Aboriginal and non-Aboriginal women living in Australia@ Northern Territory. <i>International Journal of Public Health</i> , <b>2019</b> , 64, 1085-1095	4	2
36	Integrating mammographic breast density in glandular dose calculation. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180032	3.4	2
35	A self-directed learning intervention for radiographers rating mammographic breast density. <i>Radiography</i> , <b>2017</b> , 23, 337-342	2	2
34	Mammographic density measurement: a comparison of automated volumetric density measurement to BIRADS <b>2014</b> ,		2
33	Rheumatoid arthritis: a novel radiographic projection for hand assessment. <i>British Journal of Radiology</i> , <b>2009</b> , 82, 554-60	3.4	2
32	iPads and LCDs show similar performance in the detection of pulmonary nodules <b>2012</b> ,		2
31	A software system for the simulation of chest lesions <b>2007</b> ,		2
30	Reader characteristics linked to detection of pulmonary nodules on radiographs: ROC vs. JAFROC analyses of performance <b>2011</b> ,		2
29	Impact of breast density on cancer detection: observations from digital mammography test sets. <i>International Journal of Radiology &amp; Radiation Therapy</i> , <b>2020</b> , 7, 36-41	0.5	2
28	Strategies for dose reduction with specific clinical indications during computed tomography. <i>Radiography</i> , <b>2020</b> , 26 Suppl 2, S62-S68	2	2
27	Evaluation of an integrated 3D-printed phantom for coronary CT angiography using iterative reconstruction algorithm. <i>Journal of Medical Radiation Sciences</i> , <b>2020</b> , 67, 170-176	1.5	2
26	Knowledge translation: Radiographers compared to other healthcare professionals. <i>Radiography</i> , <b>2020</b> , 26 Suppl 2, S27-S32	2	2

25	Increasing iterative reconstruction strength at low tube voltage in coronary CT angiography protocols using 3D-printed and Catphan 500 phantoms. <i>Journal of Applied Clinical Medical Physics</i> , <b>2020</b> , 21, 209-214	2.3	2
24	Computed tomography in cystic fibrosis lung disease: a focus on radiation exposure. <i>Pediatric Radiology</i> , <b>2021</b> , 51, 544-553	2.8	2
23	Reply to "Breast Density Categories". <i>American Journal of Roentgenology</i> , <b>2016</b> , 207, W137	5.4	2
22	An Australian local diagnostic reference level for paediatric whole-body F-FDG PET/CT. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20180879	3.4	1
21	Precision imaging-its impact on image quality and diagnostic confidence in breast ultrasound examinations. <i>British Journal of Radiology</i> , <b>2015</b> , 88, 20140340	3.4	1
20	Guidance on good practice in authorship of journal publications. <i>Radiography</i> , <b>2016</b> , 22, 203-205	2	1
19	Assessing the effect of a true-positive recall case in screening mammography: does perceptual priming alter radiologists' performance?. <i>British Journal of Radiology</i> , <b>2014</b> , 87, 20140029	3.4	1
18	Investigating links between emotional intelligence and observer performance by radiologists in mammography <b>2014</b> ,		1
17	Frequency of CT Examinations in Malta. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2011</b> , 42, 4-9	1.4	1
16	The effect of image interpretation training on the fracture recognition performance of radiographers <b>2010</b> ,		1
15	The effect of compression on confidence during the detection of skull fractures in CT <b>2012</b> ,		1
14	Breast cancer detection: Comparison of digital mammography and digital breast tomosynthesis across non-dense and dense breasts. <i>Radiography</i> , <b>2021</b> , 27, 1027-1032	2	1
13	Accuracy of radiographer comment following a two-month experiential and blended learning in appendicular skeleton X-ray interpretation: The Singapore experience. <i>Radiography</i> , <b>2021</b> , 27, 43-47	2	1
12	Diagnostic accuracy of ultrasound for localising peripherally inserted central catheter tips in infants in the neonatal intensive care unit: a systematic review and meta-analysis.. <i>Pediatric Radiology</i> , <b>2022</b> , 1	2.8	1
11	Breast screening attendance of Aboriginal and Torres Strait Islander women in the Northern Territory of Australia. <i>Australian and New Zealand Journal of Public Health</i> , <b>2019</b> , 43, 334-339	2.3	0
10	A Model for Consistency Analysis of Radiological CRT Monitors. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2009</b> , 40, 116-122	1.4	
9	Increased Acquisition Speed Settings can Significantly Decrease Patient Dose while Maintaining Imaging Quality during Direct Chest Radiography. <i>Journal of Medical Imaging and Radiation Sciences</i> , <b>2008</b> , 39, 183-188	1.4	
8	Breast cancer detection across dense and non-dense breasts: Markers of diagnostic confidence and efficacy.. <i>Acta Radiologica Open</i> , <b>2022</b> , 11, 20584601211072279	1.2	

- 7 WE-C-332-06: Effect of Warm-Up Time On Minimum and Maximum Luminance Levels for Calibrated and Uncalibrated Liquid Crystal Displays: An Evaluation of Current Recommendations.. *Medical Physics*, **2008**, 35, 2940-2940 4.4
- 6 Assessment of Jordanian Radiologist Performance in the Detection of Breast Cancers. *Open Journal of Medical Imaging*, **2018**, 08, 41-53 0.2
- 5 WE-C-304A-10: The Impact of Powering Off On Calibration Status of Liquid Crystal Displays. *Medical Physics*, **2009**, 36, 2766-2767 4.4
- 4 Clinicopathologic breast cancer characteristics: predictions using global textural features of the ipsilateral breast mammogram. *Radiological Physics and Technology*, **2021**, 14, 248-261 1.7
- 3 Effective Dose and Effective Risk from Post-Single Photon Emission Computed Tomography Imaging of the Lumbar Spine. *Journal of Medical Imaging and Radiation Sciences*, **2016**, 47, 267-275 1.4
- 2 Display Optimization from a Perception Perspective **2018**, 452-469
- 1 Mammographic density changes following BC treatment. *Clinical Imaging*, **2021**, 76, 88-97 2.7