Patrick C Brennan

List of Publications by Year
in descending order

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269 papers	3,606 citations	201674 27 h-index	233421 45 g-index
270 all docs	270 docs citations	270 times ranked	3466 citing authors

#	Article	IF	Citations
1	Descriptive epidemiology of breast cancer in China: incidence, mortality, survival and prevalence. Breast Cancer Research and Treatment, 2016, 159, 395-406.	2.5	231
2	MuDeRN: Multi-category classification of breast histopathological image using deep residual networks. Artificial Intelligence in Medicine, 2018, 88, 14-24.	6.5	126
3	Ambient Lighting: Effect of Illumination on Soft-Copy Viewing of Radiographs of the Wrist. American Journal of Roentgenology, 2007, 188, W177-W180.	2.2	106
4	A review of lung cancer screening and the role of computer-aided detection. Clinical Radiology, 2017, 72, 433-442.	1.1	91
5	Markers of Good Performance in Mammography Depend on Number of Annual Readings. Radiology, 2013, 269, 61-67.	7.3	88
6	Protective aprons in imaging departments: manufacturer stated lead equivalence values require validation. European Radiology, 2005, 15, 1477-1484.	4.5	82
7	Diagnostic Efficacy of Handheld Devices for Emergency Radiologic Consultation. American Journal of Roentgenology, 2010, 194, 469-474.	2.2	76
8	The Effect of Abnormality-Prevalence Expectation on Expert Observer Performance and Visual Search. Radiology, 2011, 258, 938-943.	7.3	73
9	Digital tomosynthesis: A new future for breast imaging?. Clinical Radiology, 2013, 68, e225-e236.	1.1	68
10	The Association Between Clinical Characteristics of Migraine and Brain GABA Levels: An Exploratory Study. Journal of Pain, 2016, 17, 1058-1067.	1.4	54
11	Digital radiography: are the manufacturers' settings too high? Optimisation of the Kodak digital radiography system with aid of the computed radiography dose index. European Radiology, 2002, 12, 2381-2387.	4.5	51
12	X-Ray Phase-Contrast Technology in Breast Imaging: Principles, Options, and Clinical Application. American Journal of Roentgenology, 2018, 211, 133-145.	2.2	50
13	Artificial Intelligence in medical imaging practice: looking to the future. Journal of Medical Radiation Sciences, 2019, 66, 292-295.	1.5	50
14	Malignancy Detection inÂDigital Mammograms. Academic Radiology, 2010, 17, 1409-1413.	2.5	44
15	Breast Cancer Epidemiology in Gulf Cooperation Council Countries: A Regional and International Comparison. Clinical Breast Cancer, 2018, 18, e381-e392.	2.4	44
16	Radiologists can detect the â€˜gistâ€™ of breast cancer before any overt signs of cancer appear. Scientific Reports, 2018, 8, 8717.	3.3	44
17	Screening Mammography: Test Set Data Can Reasonably Describe Actual Clinical Reporting. Radiology, 2013, 268, 46-53.	7.3	42
18	What effect does mammographic breast density have on lesion detection in digital mammography?. Clinical Radiology, 2014, 69, 333-341.	1.1	42

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19	Elevated levels of GABA+ in migraine detected using ¹Hâ€MRS. NMR in Biomedicine, 2015, 28, 890-897.	2.8	42
20	Increasing film-focus distance (ffd) reduces radiation dose for x-ray examinations. Radiation Protection Dosimetry, 2004, 108, 263-268.	0.8	37
21	Errors in Mammography Cannot be Solved Through Technology Alone. Asian Pacific Journal of Cancer Prevention, 2018, 19, 291-301.	1.2	35
22	Female breast cancer in Vietnam: a comparison across Asian specific regions. Cancer Biology and Medicine, 2015, 12, 238-45.	3.0	33
23	Can Breast Self-examination and Clinical Breast Examination Along With Increasing Breast Awareness Facilitate Earlier Detection of Breast Cancer in Populations With Advanced Stages at Diagnosis?. Clinical Breast Cancer, 2020, 20, 194-200.	2.4	32
24	Digital radiography exposure indices: A review. Journal of Medical Radiation Sciences, 2014, 61, 112-118.	1.5	31
25	Computer-based image analysis in breast pathology. Journal of Pathology Informatics, 2016, 7, 43.	1.7	31
26	Breast Surface Radiation Dose During Coronary CT Angiography: Reduction by Breast Displacement and Lead Shielding. American Journal of Roentgenology, 2011, 197, 367-373.	2.2	30
27	Improvement of Cancer Detection on Mammograms via BREAST Test Sets. Academic Radiology, 2019, 26, e341-e347.	2.5	30
28	Impact of Breast Reader Assessment Strategy on mammographic radiologists' test reading performance. Journal of Medical Imaging and Radiation Oncology, 2016, 60, 352-358.	1.8	29
29	Breast Cancer Risk Associations with Digital Mammographic Density by Pixel Brightness Threshold and Mammographic System. Radiology, 2018, 286, 433-442.	7.3	29
30	The â€œMemory Effectâ€•for Repeated Radiologic Observations. American Journal of Roentgenology, 2011, 197, W985-W991.	2.2	28
31	Mean glandular dose in digital mammography: a dose calculation method comparison. Journal of Medical Imaging, 2017, 4, 013502.	1.5	28
32	How Mammographic Breast Density Affects Radiologists' Visual Search Patterns. Academic Radiology, 2014, 21, 1386-1393.	2.5	27
33	Potential Irish dose reference levels for cardiac interventional examinations. British Journal of Radiology, 2009, 82, 296-302.	2.2	26
34	High-Resolution X-Ray Phase-Contrast 3-D Imaging of Breast Tissue Specimens as a Possible Adjunct to Histopathology. IEEE Transactions on Medical Imaging, 2018, 37, 2642-2650.	8.9	26
35	Assessment of monitor conditions for the display of radiological diagnostic images and ambient lighting. British Journal of Radiology, 2004, 77, 465-471.	2.2	25
36	Assessing reader performance in radiology, an imperfect science: Lessons from breast screening. Clinical Radiology, 2012, 67, 623-628.	1.1	25

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37	Effect of radiologistsâ€™ experience on breast cancer detection and localization using digital breast tomosynthesis. European Radiology, 2015, 25, 402-409.	4.5	25
38	Diagnostic reference levels for digital mammography in New South Wales. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 48-57.	1.8	25
39	Propagationâ€based xâ€ray phaseâ€contrast tomography of mastectomy samples using synchrotron radiation. Medical Physics, 2019, 46, 5478-5487.	3.0	25
40	An optimised patient-specific approach to administration of contrast agent for CT pulmonary angiography. European Radiology, 2013, 23, 3205-3212.	4.5	24
41	Relationship Between Breast Density and Selective Estrogen-Receptor Modulators, Aromatase Inhibitors, Physical Activity, and Diet. Integrative Cancer Therapies, 2016, 15, 127-144.	2.0	24
42	Toward Improving Breast Cancer Imaging: Radiological Assessment of Propagation-Based Phase-Contrast CT Technology. Academic Radiology, 2019, 26, e79-e89.	2.5	24
43	Knowledge, Attitude and Practice Around Breast Cancer and Mammography Screening Among Jordanian Women . Breast Cancer: Targets and Therapy, 2020, Volume 12, 231-242.	1.8	24
44	Gonad protection for the antero-posterior projection of the pelvis in diagnostic radiography in Dublin hospitals. Radiography, 2004, 10, 15-21.	2.1	23
45	Reliability of a Radiological Grading System for Dermal Backflow in Lymphoscintigraphy Imaging. Academic Radiology, 2013, 20, 758-763.	2.5	23
46	Noise-reducing algorithms do not necessarily provide superior dose optimisation for hepatic lesion detection with multidetector CT. British Journal of Radiology, 2013, 86, 20120500.	2.2	23
47	Mammographic Density and Cancer Detection. Academic Radiology, 2014, 21, 1377-1385.	2.5	23
48	A review of factors influencing radiologistsâ€™ visual search behaviour. Journal of Medical Imaging and Radiation Oncology, 2018, 62, 747-757.	1.8	23
49	Impact of focal spot size on radiologic image quality: A visual grading analysis. Radiography, 2010, 16, 304-313.	2.1	22
50	The establishment of local diagnostic reference levels for paediatric interventional cardiology. Radiography, 2013, 19, 295-301.	2.1	22
51	Central Venous Line Placement in the Superior Vena Cava and the Azygos Vein: Differentiation on Posteroanterior Chest Radiographs. American Journal of Roentgenology, 2011, 196, 783-787.	2.2	21
52	Diagnostic reference levels in digital mammography: a systematic review. Radiation Protection Dosimetry, 2015, 167, 608-619.	0.8	21
53	Advantages of breast cancer visualization and characterization using synchrotron radiation phase-contrast tomography. Journal of Synchrotron Radiation, 2018, 25, 1460-1466.	2.4	21
54	The Impact of Acoustic Noise Found Within Clinical Departments on Radiology Performance. Academic Radiology, 2008, 15, 472-476.	2.5	20

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55	Research utilisation in sonographic practice: Attitudes and barriers. Radiography, 2009, 15, 187-195.	2.1	20
56	Quantitative Measures Confirm theÂInverse Relationship between Lesion Spiculation and Detection ofÂBreast Masses. Academic Radiology, 2013, 20, 576-580.	2.5	20
57	Determining and updating PET/CT and SPECT/CT diagnostic reference levels: A systematic review. Radiation Protection Dosimetry, 2018, 182, 532-545.	0.8	20
58	Diagnostic reference levels in radiology. Radiologic Technology, 2006, 77, 373-84; quiz 385-7.	0.1	20
59	The effect of patient shield position on gonad dose during lumbar spine radiography. Radiography, 2010, 16, 131-135.	2.1	19
60	In the digital era, architectural distortion remains a challenging radiological task. Clinical Radiology, 2016, 71, e35-e40.	1.1	19
61	Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. Computers in Biology and Medicine, 2018, 102, 132-137.	7.0	19
62	Can digital breast tomosynthesis perform better than standard digital mammography work-up in breast cancer assessment clinic?. European Radiology, 2018, 28, 5182-5194.	4.5	19
63	Benefits of Independent Double Reading in Digital Mammography. Academic Radiology, 2019, 26, 717-723.	2.5	19
64	Imaging suspected cervical spine injury: Plain radiography or computed tomography? Systematic review. Radiography, 2010, 16, 68-77.	2.1	18
65	Are exposure index values consistent in clinical practice? A multi-manufacturer investigation. Radiation Protection Dosimetry, 2010, 139, 371-374.	0.8	18
66	The effect of abnormality-prevalence expectation on naÃ¨ve observer performance and visual search. Radiography, 2013, 19, 196-199.	2.1	18
67	A reduced contrast volume acquisition regimen based on cardiovascular dynamics improves visualisation of head and neck vasculature with carotid MDCT angiography. European Journal of Radiology, 2013, 82, e64-e69.	2.6	18
68	Radiologist participation in multi-disciplinary teams in breast cancer improves reflective practice, decision making and isolation. European Journal of Cancer Care, 2014, 23, 616-623.	1.5	18
69	Grey-scale inversion improves detection of lung nodules. British Journal of Radiology, 2013, 86, 27961545-27961545.	2.2	17
70	Increasing Prevalence Expectation in Thoracic Radiology Leads to Overcall. Academic Radiology, 2016, 23, 284-289.	2.5	17
71	BI-RADS density categorization using deep neural networks. , 2019, , .		17
72	The application of diagnostic reference levels: General principles and an Irish perspective. Radiography, 2009, 15, 171-178.	2.1	16

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73	On the choice of acceptance radius in free-response observer performance studies. British Journal of Radiology, 2013, 86, 42313554-42313554.	2.2	16
74	Can Prevalence Expectations Drive Radiologists' Behavior?. Academic Radiology, 2014, 21, 450-456.	2.5	16
75	Optimisation of X-ray examinations: General principles and an Irish perspective. Radiography, 2009, 15, 262-268.	2.1	15
76	Mammographic Breast Density Assessment Using Automated Volumetric Software and Breast Imaging Reporting and Data System (BIRADS) Categorization by Expert Radiologists. Academic Radiology, 2016, 23, 70-77.	2.5	15
77	Risk Factors of Female Breast Cancer in Vietnam: A Case-Control Study. Cancer Research and Treatment, 2017, 49, 990-1000.	3.0	15
78	Propagation-Based Phase-Contrast CT of the Breast Demonstrates Higher Quality Than Conventional Absorption-Based CT Even at Lower Radiation Dose. Academic Radiology, 2021, 28, e20-e26.	2.5	15
79	Breast Cancer in Australian Indigenous Women: Incidence, Mortality, and Risk Factors. Asian Pacific Journal of Cancer Prevention, 2017, 18, 873-884.	1.2	15
80	Mammography-based Radiomics in Breast Cancer: A Scoping Review of Current Knowledge and Future Needs. Academic Radiology, 2022, 29, 1228-1247.	2.5	15
81	Radio-protective aprons during radiological examinations of the thorax: an optimum strategy. Radiation Protection Dosimetry, 2006, 121, 391-394.	0.8	14
82	CEC analysis of radiological images produced in Europe and Asia. Radiography, 2007, 13, 202-209.	2.1	14
83	Variations in Performance of LCDs Are Still Evident After DICOM Gray-Scale Standard Display Calibration. American Journal of Roentgenology, 2010, 195, 181-187.	2.2	14
84	Caudocranial Scan Direction and Patient-Specific Injection Protocols Optimize ECGâ€“Gated and Nonâ€“Gated Thoracic CTA. Journal of Computer Assisted Tomography, 2013, 37, 725-731.	0.9	14
85	The role of digital breast tomosynthesis in the breast assessment clinic: a review. Journal of Medical Radiation Sciences, 2017, 64, 203-211.	1.5	14
86	DIAGNOSTIC REFERENCE LEVELS IN CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY: A SYSTEMATIC REVIEW. Radiation Protection Dosimetry, 2018, 178, 63-72.	0.8	14
87	A comparison of low contrast performance for amorphous Silicon/caesium iodide direct radiography with a computed radiography: A contrast detail phantom study. Radiography, 2007, 13, 89-94.	2.1	13
88	Justification of x-ray examinations: General principles and an Irish perspective. Radiography, 2008, 14, 349-355.	2.1	13
89	Breast density (BD) assessment with digital breast tomosynthesis (DBT): Agreement between Quantraâ„¢ and 5th edition BI-RADSÂ®. Breast, 2016, 30, 185-190.	2.2	13
90	Does Expectation of Abnormality Affect the Search Pattern of Radiologists When Looking for Pulmonary Nodules?. Journal of Digital Imaging, 2017, 30, 55-62.	2.9	13

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91	Recurrence quantification analysis of radiologists' scanpaths when interpreting mammograms. Medical Physics, 2018, 45, 3052-3062.	3.0	13
92	Diagnostic reference levels for ¹⁸Fâ€<scp>FDG</scp> whole body <scp>PET</scp>/<scp>CT</scp> procedures: Results from a survey of 12 centres in Australia and New Zealand. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 291-299.	1.8	13
93	Improving radiologist's ability in identifying particular abnormal lesions on mammograms through training test set with immediate feedback. Scientific Reports, 2021, 11, 9899.	3.3	13
94	Modeling visual search behavior of breast radiologists using a deep convolution neural network. Journal of Medical Imaging, 2018, 5, 1.	1.5	13
95	Proposed preliminary diagnostic reference levels for three common interventional cardiology procedures in Ireland. Radiation Protection Dosimetry, 2008, 129, 63-66.	0.8	12
96	Mammographic density measurements are not affected by mammography system. Journal of Medical Imaging, 2015, 2, 015501.	1.5	12
97	Computer-Assisted Nuclear Atypia Scoring of Breast Cancer: a Preliminary Study. Journal of Digital Imaging, 2019, 32, 702-712.	2.9	12
98	Mammography test sets: Reading location and prior images do not affect group performance. Clinical Radiology, 2014, 69, 397-402.	1.1	11
99	Diagnostic Efficacy of Conventional MRI Pulse Sequences in the Detection of Lesions Causing Internuclear Ophthalmoplegia in Multiple Sclerosis Patients. Clinical Neuroradiology, 2015, 25, 233-239.	1.9	11
100	Quantraâ„¢ should be considered a tool for two-grade scale mammographic breast density classification. British Journal of Radiology, 2016, 89, 20151057.	2.2	11
101	iCAP: An Individualized Model Combining Gaze Parameters and Image-Based Features to Predict Radiologistsâ€™ Decisions While Reading Mammograms. IEEE Transactions on Medical Imaging, 2017, 36, 1066-1075.	8.9	11
102	Breast lesion shape and margin evaluation: BI-RADS based metrics understate radiologists' actual levels of agreement. Computers in Biology and Medicine, 2018, 96, 294-298.	7.0	11
103	Establishment of diagnostic reference levels in cardiac computed tomography. Journal of Applied Clinical Medical Physics, 2019, 20, 181-186.	1.9	11
104	Breast Cancer Diagnostic Efficacy in a Developing South-East Asian Country. Asian Pacific Journal of Cancer Prevention, 2019, 20, 727-731.	1.2	11
105	The effect of X-ray tube potential on the image quality of PA chest radiographs when using digital image acquisition devices. Radiography, 2004, 10, 287-292.	2.1	10
106	Conspicuity of Microcalcifications on Digital Screening Mammograms Using Varying Degrees of Monitor Zooming. Academic Radiology, 2009, 16, 1509-1517.	2.5	10
107	Verification of DICOM GSDF in Complex Backgrounds. Journal of Digital Imaging, 2012, 25, 662-669.	2.9	10
108	Reducing Dose for Digital Cranial Radiography: The Increased Source to the Image-receptor Distance Approach. Journal of Medical Imaging and Radiation Sciences, 2013, 44, 180-187.	0.3	10

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109	Multidetector computed tomography in the evaluation of cirsoid aneurysm of the scalpâ€"a manifestation of trauma. Clinical Imaging, 2013, 37, 558-560.	1.5	10
110	Retrospective evaluation of exposure index (<scp>EI</scp>) values from plain radiographs reveals important considerations for quality improvement. Journal of Medical Radiation Sciences, 2013, 60, 115-122.	1.5	10
111	Personal and Network Dynamics in Performance of Knowledge Workers: A Study of Australian Breast Radiologists. PLoS ONE, 2016, 11, e0150186.	2.5	10
112	Mammographic density and other risk factors for breast cancer among women in China. Breast Journal, 2018, 24, 426-428.	1.0	10
113	Effects of time of day on radiological interpretation. Clinical Radiology, 2020, 75, 148-155.	1.1	10
114	Comparison of propagation-based CT using synchrotron radiation and conventional cone-beam CT for breast imaging. European Radiology, 2020, 30, 2740-2750.	4.5	10
115	Strict X-ray beam collimation for facial bones examination can increase lens exposure. British Journal of Radiology, 2012, 85, e497-e505.	2.2	9
116	Optimisation of coronary angiography exposures requires a multifactorial approach and careful procedural definition. British Journal of Radiology, 2013, 86, 20120028.	2.2	9
117	Outcomes Knowledge May Bias Radiological Decision-making. Academic Radiology, 2016, 23, 760-767.	2.5	9
118	CONTEMPORARY AUSTRALIAN DOSE AREA PRODUCT LEVELS IN THE FLUOROSCOPIC INVESTIGATION OF PAEDIATRIC CONGENITAL HEART DISEASE. Radiation Protection Dosimetry, 2017, 173, 374-379.	0.8	9
119	ESTABLISHING DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY IN SAUDI ARABIA. Radiation Protection Dosimetry, 2018, 181, 129-134.	0.8	9
120	An Australian-based authentic science research programme transforms the 21st century learning of rural high school students. Australian Journal of Education, 2020, 64, 98-112.	1.5	9
121	X-ray Phase-Contrast Computed Tomography for Soft Tissue Imaging at the Imaging and Medical Beamline (IMBL) of the Australian Synchrotron. Applied Sciences (Switzerland), 2021, 11, 4120.	2.5	9
122	BREAST: A Novel Strategy to Improve the Detection of Breast Cancer. Lecture Notes in Computer Science, 2014, , 438-443.	1.3	9
123	Global processing provides malignancy evidence complementary to the information captured by humans or machines following detailed mammogram inspection. Scientific Reports, 2021, 11, 20122.	3.3	9
124	Optimization of Region of Interest Luminances May Enhance Radiologistsâ€™ Light Adaptation. Academic Radiology, 2008, 15, 488-493.	2.5	8
125	A â€˜snapshotâ€™ of the visual search behaviours of medical sonographers. Australasian Journal of Ultrasound in Medicine, 2015, 18, 70-77.	0.6	8
126	DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC CT ANGIOGRAPHY IN AUSTRALIA. Radiation Protection Dosimetry, 2018, 182, 525-531.	0.8	8

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127	Impact of Hours Awake and Hours Slept at Night on Radiologistsâ€™ Mammogram Interpretations. Journal of the American College of Radiology, 2021, 18, 730-738.	1.8	8
128	The Effect of JPEG2000 Compression on Detection of Skull Fractures. Academic Radiology, 2013, 20, 712-720.	2.5	7
129	Radiologists remember mountains better than radiographs, or do they?. Journal of Medical Imaging, 2015, 3, 011005.	1.5	7
130	Comparison of Standard and Quadruple-Phase Contrast Material Injection for Artifacts, Image Quality, and Radiation Dose in the Evaluation of Head and Neck Cancer Metastases. Radiology, 2016, 279, 571-577.	7.3	7
131	Breast cancer in Mongolia: an increasingly important health policy issue. Breast Cancer: Targets and Therapy, 2017, Volume 9, 29-38.	1.8	7
132	Radiologist performance in the detection of lung cancer using CT. Clinical Radiology, 2019, 74, 67-75.	1.1	7
133	The associated factors for radiation dose variation in cardiac CT angiography. British Journal of Radiology, 2019, 92, 20180793.	2.2	7
134	Breast Screen New South Wales Generally Demonstrates Good Radiologic Viewing Conditions. Journal of Digital Imaging, 2013, 26, 759-767.	2.9	6
135	An evaluation of paediatric projection radiography in Ireland. Radiography, 2014, 20, 189-194.	2.1	6
136	Reporting instructions significantly impact false positive rates when reading chest radiographs. European Radiology, 2016, 26, 3654-3659.	4.5	6
137	A model based on temporal dynamics of fixations for distinguishing expert radiologists' scanpaths. Proceedings of SPIE, 2017, , .	0.8	6
138	Cumulative Effective and Individual Organ Dose Levels in Paediatric Patients Undergoing Multiple Catheterisations for Congenital Heart Disease. Radiation Protection Dosimetry, 2017, 176, 252-257.	0.8	6
139	Integrating mammographic breast density in glandular dose calculation. British Journal of Radiology, 2018, 91, 20180032.	2.2	6
140	Can eyeâ€tracking metrics be used to better pair radiologists in a mammogram reading task?. Medical Physics, 2018, 45, 4844-4856.	3.0	6
141	An Australian local diagnostic reference level for paediatric whole-body ¹⁸F-FDG PET/CT. British Journal of Radiology, 2019, 92, 20180879.	2.2	6
142	Dynamics of breast imaging research: A global scoping review and Sino-Australian comparison case study. PLoS ONE, 2019, 14, e0210256.	2.5	6
143	A review of screening mammography: The benefits and radiation risks put into perspective. Journal of Medical Imaging and Radiation Sciences, 2022, 53, 147-158.	0.3	6
144	Ambient lighting: setting international standards for the viewing of softcopy chest images. , 2007, , .		5

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145	<scp>MDCT</scp> angiography of the major congenital anomalies of the extracranial arteries: Pictorial review. Journal of Medical Imaging and Radiation Oncology, 2013, 57, 321-328.	1.8	5
146	Fixated and Not Fixated Regions of Mammograms. Academic Radiology, 2017, 24, 442-455.	2.5	5
147	Associations of Breast Density With Demographic, Reproductive, and Lifestyle Factors in a Developing Southeast Asian Population. Asia-Pacific Journal of Public Health, 2017, 29, 377-387.	1.0	5
148	Mammographic detection of breast cancer in a non-screening country. British Journal of Radiology, 2018, 91, 20180071.	2.2	5
149	Can a Machine Learn from Radiologistsâ€™ Visual Search Behaviour and Their Interpretation of Mammogramsâ€”a Deep-Learning Study. Journal of Digital Imaging, 2019, 32, 746-760.	2.9	5
150	Preliminary investigation of mammographic density among women in Riyadh: association with breast cancer risk factors and implications for screening practices. Clinical Imaging, 2019, 54, 138-147.	1.5	5
151	Detection of the abnormal gist in the prior mammograms even with no overt sign of breast cancer. , 2018, , .		5
152	From MSc dissertations to quantitative research papers in leading journals: A practical guide. Radiography, 2008, 14, 73-77.	2.1	4
153	Nonselective Filters Offer Important Dose-Reducing Potential in Radiological Examination of the Paediatric Pelvis. Journal of Medical Imaging and Radiation Sciences, 2009, 40, 15-23.	0.3	4
154	Classification of radiological errors in chest radiographs, using support vector machine on the spatial frequency features of false- negative and false-positive regions. Proceedings of SPIE, 2011, , .	0.8	4
155	Quantifying the clinical relevance of a laboratory observer performance paradigm. British Journal of Radiology, 2012, 85, 1287-1302.	2.2	4
156	iPads and LCDs show similar performance in the detection of pulmonary nodules. Proceedings of SPIE, 2012, , .	0.8	4
157	Assessing the Impact of Prevalence Expectations on Radiologists' Behavior. Academic Radiology, 2014, 21, 1220-1221.	2.5	4
158	Direction of an initial saccade depends on radiological expertise. , 2014, , .		4
159	Medical imaging education opportunities for junior doctors and nonâ€radiologist clinicians: A review. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 710-718.	1.8	4
160	Determining Image Processing Features Describing the Appearance of Challenging Mitotic Figures and Miscounted Nonmitotic Objects. Journal of Pathology Informatics, 2017, 8, 34.	1.7	4
161	Reading High Breast Density Mammograms: Differences in Diagnostic Performance between Radiologists from Hong Kong SAR/Guangdong Province in China and Australia. Asian Pacific Journal of Cancer Prevention, 2020, 21, 2623-2629.	1.2	4
162	Mammographic Density Distribution in Ras Al Khaimah (RAK): Relationships with Demographic and Reproductive Factors. Asian Pacific Journal of Cancer Prevention, 2018, 19, 1607-1616.	1.2	4

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163	Radiologist Self-training: a Study of Cancer Detection when Reading Mammograms at Work Clinics or Workshops. Journal of Cancer Education, 2023, 38, 571-577.	1.3	4
164	Rheumatoid arthritis: a novel radiographic projection for hand assessment. British Journal of Radiology, 2009, 82, 554-560.	2.2	3
165	Ambient Lighting in the Reading Room: Theoretical Concepts and Practical Outcomes. Current Medical Imaging, 2010, 6, 156-164.	0.8	3
166	Implementation of combined SVM-algorithm and computer-aided perception feedback for pulmonary nodule detection. Proceedings of SPIE, 2012, , .	0.8	3
167	The challenge of assessing reader performance in mammography. Clinical Radiology, 2012, 67, 192.	1.1	3
168	Optimization of Computed Tomography Protocols: Limitations of a Methodology Employing a Phantom with Location-Known Opacities. Journal of Digital Imaging, 2013, 26, 1001-1007.	2.9	3
169	Trend of Contrast Detection Threshold with and without Localization. Journal of Digital Imaging, 2013, 26, 1099-1106.	2.9	3
170	The impact of using a JAFROC or ROC approach on the conclusions of a typical observer performance study. , 2013, , .		3
171	An Investigation into the Consistency in Mammographic Density Identification by Radiologists: Effect of Radiologist Expertise and Mammographic Appearance. Journal of Digital Imaging, 2015, 28, 626-632.	2.9	3
172	Classification of normal screening mammograms is strongly influenced by perceived mammographic breast density. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 461-469.	1.8	3
173	Breast screening attendance of Aboriginal and Torres Strait Islander women in the Northern Territory of Australia. Australian and New Zealand Journal of Public Health, 2019, 43, 334-339.	1.8	3
174	Mammographic Breast Density Profile of Jordanian Women With Normal and Breast Cancer Findings. Breast Cancer: Basic and Clinical Research, 2020, 14, 117822342092138.	1.1	3
175	Impact of time of day on radiology image interpretations. Clinical Radiology, 2020, 75, 746-756.	1.1	3
176	A framework for distinguishing benign from malignant breast histopathological images using deep residual networks. , 2018, , .		3
177	Does the strength of the gist signal predict the difficulty of breast cancer detection in usual presentation and reporting mechanisms?. , 2019, , .		3
178	Getting a-breast of immobilisation needs for the implementation of phase contrast tomography. , 2020, , .		3
179	UNDERSTANDING BETTER THE KNOWLEDGE, BELIEFS, AND ATTITUDES TOWARD BREAST CANCER AND BREAST SCREENING PRACTICES AMONG WOMEN LIVING IN RAS AL KHAIMAH, UNITED ARAB EMIRATES (UAE). , 0, , .		3
180	Interpretative characteristics and case features associated with the performances of radiologists in reading mammograms: A study from a nonâ€screening population in Asia. Asia-Pacific Journal of Clinical Oncology, 2021, 17, 139-148.	1.1	3

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