Patrick C Brennan

List of Publications by Year
in descending order

269 papers	3,606 citations	230014 27 h-index	263392 45 g-index
270 all docs	270 docs citations	270 times ranked	3703 citing authors

#	Article	IF	Citations
1	Radiologist Self-training: a Study of Cancer Detection when Reading Mammograms at Work Clinics or Workshops. Journal of Cancer Education, 2023, 38, 571-577.	0.6	4
2	Variations in breast cancer detection rates during mammogram-reading sessions: does experience have an impact?. British Journal of Radiology, 2022, 95, 20210895.	1.0	0
3	Mammography-based Radiomics in Breast Cancer: A Scoping Review of Current Knowledge and Future Needs. Academic Radiology, 2022, 29, 1228-1247.	1.3	15
4	A machine learning model based on readers' characteristics to predict their performances in reading screening mammograms. Breast Cancer, 2022, 29, 589-598.	1.3	2
5	A review of screening mammography: The benefits and radiation risks put into perspective. Journal of Medical Imaging and Radiation Sciences, 2022, 53, 147-158.	0.2	6
6	Designing a breast support device for phase contrast tomographic imaging: getting ready for a clinical trial. British Journal of Radiology, 2022, 95, 20211243.	1.0	2
7	The reliability of radiologists' first impression interpreting a screening mammogram. , 2022, , .		0
8	Test-set training is linked to increased breast screening cancer detection rates. , 2022, , .		1
9	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.	1.3	15
10	Does mammographic density remain a radiological challenge in the digital era?. Acta Radiologica, 2021, 62, 707-714.	0.5	0
11	Breast-iRRISC: a novel model for predicting the individualised lifetime risk of radiation-induced breast cancer from a single screening event. British Journal of Radiology, 2021, 94, 20200734.	1.0	1
12	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.	1.3	9
13	Impact of Hours Awake and Hours Slept at Night on Radiologists' Mammogram Interpretations. Journal of the American College of Radiology, 2021, 18, 730-738.	0.9	8
14	Improving radiologist's ability in identifying particular abnormal lesions on mammograms through training test set with immediate feedback. Scientific Reports, 2021, 11, 9899.	1.6	13
15	Medical imaging education opportunities for junior doctors and non-radiologist clinicians: A review. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 710-718.	0.9	4
16	Effect of x-ray energy on the radiological image quality in propagation-based phase-contrast computed tomography of the breast. Journal of Medical Imaging, 2021, 8, 052108.	0.8	2
17	A bibliometric and social network analysis perspective of X-ray phase-contrast imaging in medical imaging. Journal of Medical Radiation Sciences, 2021, , .	0.8	1
18	X-ray phase-contrast computed tomography for full breast mastectomy imaging at the Australian Synchrotron. , 2021, , .		0

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19	SCREENING MAMMOGRAPHY: DIAGNOSTIC EFFICACYâ€"ISSUES AND CONSIDERATIONS FOR THE 2020S. Radiation Protection Dosimetry, 2021, 197, 54-62.	0.4	2
20	Global processing provides malignancy evidence complementary to the information captured by humans or machines following detailed mammogram inspection. Scientific Reports, 2021, 11, 20122.	1.6	9
21	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.	0.7	3
22	Differences in lesion interpretation between radiologists in two countries: Lessons from a digital breast tomosynthesis training test set. Asia-Pacific Journal of Clinical Oncology, 2021, , .	0.7	3
23	Effects of time of day on radiological interpretation. Clinical Radiology, 2020, 75, 148-155.	0.5	10
24	Knowledge, Attitude and Practice Around Breast Cancer and Mammography Screening Among Jordanian Women . Breast Cancer: Targets and Therapy, 2020, Volume 12, 231-242.	1.0	24
25	Mammographic Breast Density Profile of Jordanian Women With Normal and Breast Cancer Findings. Breast Cancer: Basic and Clinical Research, 2020, 14, 117822342092138.	0.6	3
26	Reader characteristics and mammogram features associated with breast imaging reporting scores. British Journal of Radiology, 2020, 93, 20200363.	1.0	2
27	Impact of time of day on radiology image interpretations. Clinical Radiology, 2020, 75, 746-756.	0.5	3
28	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.	0.9	9
29	The implications of increased mammographic breast density for breast screening in Jordan. Journal of Medical Radiation Sciences, 2020, 67, 277-283.	0.8	2
30	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.	1.1	32
31	Comparison of propagation-based CT using synchrotron radiation and conventional cone-beam CT for breast imaging. European Radiology, 2020, 30, 2740-2750.	2.3	10
32	Getting a-breast of immobilisation needs for the implementation of phase contrast tomography. , 2020, , .		3
33	Impact of digital breast tomosynthesis on readers with different experience. , 2020, , .		0
34	Expert radiologist performance does not appear to impact upon their capability in perceiving the gist of the abnormal on mammograms. , 2020, , .		2
35	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.	0.5	4
36	Impact of breast density on cancer detection: observations from digital mammography test sets. International Journal of Radiology & Radiation Therapy, 2020, 7, 36-41.	0.2	3

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37	Effect of time of day on radiology image interpretations. , 2020, , .		0
38	Benefits of Independent Double Reading in Digital Mammography. Academic Radiology, 2019, 26, 717-723.	1.3	19
39	Can a Machine Learn from Radiologists' Visual Search Behaviour and Their Interpretation of Mammograms—a Deep-Learning Study. Journal of Digital Imaging, 2019, 32, 746-760.	1.6	5
40	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.	0.8	3
41	Artificial Intelligence in medical imaging practice: looking to the future. Journal of Medical Radiation Sciences, 2019, 66, 292-295.	0.8	50
42	Establishment of diagnostic reference levels in cardiac computed tomography. Journal of Applied Clinical Medical Physics, 2019, 20, 181-186.	0.8	11
43	Propagation‐based x‐ray phase‐contrast tomography of mastectomy samples using synchrotron radiation. Medical Physics, 2019, 46, 5478-5487.	1.6	25
44	Dosimetric impact of breast density in breast tomosynthesis: A comparative study. Breast Journal, 2019, 25, 296-300.	0.4	0
45	An Australian local diagnostic reference level for paediatric whole-body ^{18}F-FDG PET/CT. British Journal of Radiology, 2019, 92, 20180879.	1.0	6
46	Improvement of Cancer Detection on Mammograms via BREAST Test Sets. Academic Radiology, 2019, 26, e341-e347.	1.3	30
47	Mammographic densities of Aboriginal and non-Aboriginal women living in Australia's Northern Territory. International Journal of Public Health, 2019, 64, 1085-1095.	1.0	2
48	Computer-Assisted Nuclear Atypia Scoring of Breast Cancer: a Preliminary Study. Journal of Digital Imaging, 2019, 32, 702-712.	1.6	12
49	Diagnostic reference levels for ^{18}F‐FDG whole body PET/CT procedures: Results from a survey of 12 centres in Australia and New Zealand. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 291-299.	0.9	13
50	Toward Improving Breast Cancer Imaging: Radiological Assessment of Propagation-Based Phase-Contrast CT Technology. Academic Radiology, 2019, 26, e79-e89.	1.3	24
51	Radiologist performance in the detection of lung cancer using CT. Clinical Radiology, 2019, 74, 67-75.	0.5	7
52	Dynamics of breast imaging research: A global scoping review and Sino-Australian comparison case study. PLoS ONE, 2019, 14, e0210256.	1.1	6
53	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.	0.8	5
54	The associated factors for radiation dose variation in cardiac CT angiography. British Journal of Radiology, 2019, 92, 20180793.	1.0	7

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55	Observer Variability in Breast Cancer Diagnosis between Countries with and without Breast Screening. Academic Radiology, 2019, 26, 62-68.	1.3	2
56	Does the strength of the gist signal predict the difficulty of breast cancer detection in usual presentation and reporting mechanisms?. , 2019, , .		3
57	BI-RADS density categorization using deep neural networks. , 2019, , .		17
58	Breast Cancer Diagnostic Efficacy in a Developing South-East Asian Country. Asian Pacific Journal of Cancer Prevention, 2019, 20, 727-731.	0.5	11
59	Estimating latent reader-performance variability using the Obuchowski-Rockette method. , 2019, 10952, .		0
60	Comparing senior residents performance to radiologists in lung cancer detection. , 2019, , .		0
61	ESTABLISHING DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY IN SAUDI ARABIA. Radiation Protection Dosimetry, 2018, 181, 129-134.	0.4	9
62	Integrating mammographic breast density in glandular dose calculation. British Journal of Radiology, 2018, 91, 20180032.	1.0	6
63	THE IMPACT OF DIGITAL TECHNOLOGY ON DOSE REDUCTION IN PAEDIATRIC CARDIAC CATHETERISATION WITHIN A LARGE METROPOLITAN CHILDRENâ€™S HOSPITAL. Radiation Protection Dosimetry, 2018, 179, 358-363.	0.4	0
64	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.	3.9	11
65	MuDeRN: Multi-category classification of breast histopathological image using deep residual networks. Artificial Intelligence in Medicine, 2018, 88, 14-24.	3.8	126
66	DIAGNOSTIC REFERENCE LEVELS IN CARDIAC COMPUTED TOMOGRAPHY ANGIOGRAPHY: A SYSTEMATIC REVIEW. Radiation Protection Dosimetry, 2018, 178, 63-72.	0.4	14
67	Breast Cancer Epidemiology in Gulf Cooperation Council Countries: A Regional and International Comparison. Clinical Breast Cancer, 2018, 18, e381-e392.	1.1	44
68	Breast Cancer Risk Associations with Digital Mammographic Density by Pixel Brightness Threshold and Mammographic System. Radiology, 2018, 286, 433-442.	3.6	29
69	Mammographic density and associated predictive factors for Chinese women. Breast Journal, 2018, 24, 444-445.	0.4	2
70	Mammographic density and other risk factors for breast cancer among women in China. Breast Journal, 2018, 24, 426-428.	0.4	10
71	Determining and updating PET/CT and SPECT/CT diagnostic reference levels: A systematic review. Radiation Protection Dosimetry, 2018, 182, 532-545.	0.4	20
72	Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. Computers in Biology and Medicine, 2018, 102, 132-137.	3.9	19

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73	Can eye‑tracking metrics be used to better pair radiologists in a mammogram reading task?. Medical Physics, 2018, 45, 4844-4856.	1.6	6
74	A review of factors influencing radiologists' visual search behaviour. Journal of Medical Imaging and Radiation Oncology, 2018, 62, 747-757.	0.9	23
75	Can digital breast tomosynthesis perform better than standard digital mammography work-up in breast cancer assessment clinic?. European Radiology, 2018, 28, 5182-5194.	2.3	19
76	X-Ray Phase-Contrast Technology in Breast Imaging: Principles, Options, and Clinical Application. American Journal of Roentgenology, 2018, 211, 133-145.	1.0	50
77	Radiologists can detect the 'gist' of breast cancer before any overt signs of cancer appear. Scientific Reports, 2018, 8, 8717.	1.6	44
78	Mammographic detection of breast cancer in a non-screening country. British Journal of Radiology, 2018, 91, 20180071.	1.0	5
79	DIAGNOSTIC REFERENCE LEVELS FOR CARDIAC CT ANGIOGRAPHY IN AUSTRALIA. Radiation Protection Dosimetry, 2018, 182, 525-531.	0.4	8
80	Recurrence quantification analysis of radiologists' scanpaths when interpreting mammograms. Medical Physics, 2018, 45, 3052-3062.	1.6	13
81	Advantages of breast cancer visualization and characterization using synchrotron radiation phase-contrast tomography. Journal of Synchrotron Radiation, 2018, 25, 1460-1466.	1.0	21
82	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.	5.4	26
83	Modeling visual search behavior of breast radiologists using a deep convolution neural network. Journal of Medical Imaging, 2018, 5, 1.	0.8	13
84	A cognitive approach to determine the benefits of pairing radiologists in mammogram reading. , 2018, , .		2
85	A framework for distinguishing benign from malignant breast histopathological images using deep residual networks. , 2018, , .		3
86	Detection of the abnormal gist in the prior mammograms even with no overt sign of breast cancer. , 2018, , .		5
87	Errors in Mammography Cannot be Solved Through Technology Alone. Asian Pacific Journal of Cancer Prevention, 2018, 19, 291-301.	0.5	35
88	A deep (learning) dive into visual search behaviour of breast radiologists. , 2018, , .		0
89	Characteristics of the group of radiologists that benefits the most using Breast Screen Reader Assessment Strategy (BREAST). , 2018, , .		0
90	Towards clinic-friendly solutions for patient trials in breast cancer phase contrast imaging. , 2018, , .		0

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91	Mammographic Density Distribution in Ras Al Khaimah (RAK): Relationships with Demographic and Reproductive Factors. Asian Pacific Journal of Cancer Prevention, 2018, 19, 1607-1616.	0.5	4
92	CONTEMPORARY AUSTRALIAN DOSE AREA PRODUCT LEVELS IN THE FLUOROSCOPIC INVESTIGATION OF PAEDIATRIC CONGENITAL HEART DISEASE. Radiation Protection Dosimetry, 2017, 173, 374-379.	0.4	9
93	Classification of normal screening mammograms is strongly influenced by perceived mammographic breast density. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 461-469.	0.9	3
94	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.	5.4	11
95	Mean glandular dose in digital mammography: a dose calculation method comparison. Journal of Medical Imaging, 2017, 4, 013502.	0.8	28
96	Fixated and Not Fixated Regions of Mammograms. Academic Radiology, 2017, 24, 442-455.	1.3	5
97	A review of lung cancer screening and the role of computer-aided detection. Clinical Radiology, 2017, 72, 433-442.	0.5	91
98	A model based on temporal dynamics of fixations for distinguishing expert radiologists' scanpaths. Proceedings of SPIE, 2017, , .	0.8	6
99	Determining local and contextual features describing appearance of difficult to identify mitotic figures. , 2017, , .		1
100	The role of digital breast tomosynthesis in the breast assessment clinic: a review. Journal of Medical Radiation Sciences, 2017, 64, 203-211.	0.8	14
101	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.	0.4	5
102	Cumulative Effective and Individual Organ Dose Levels in Paediatric Patients Undergoing Multiple Catheterisations for Congenital Heart Disease. Radiation Protection Dosimetry, 2017, 176, 252-257.	0.4	6
103	Diagnostic reference levels for digital mammography in New South Wales. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 48-57.	0.9	25
104	Does Expectation of Abnormality Affect the Search Pattern of Radiologists When Looking for Pulmonary Nodules?. Journal of Digital Imaging, 2017, 30, 55-62.	1.6	13
105	Breast cancer in Mongolia: an increasingly important health policy issue. Breast Cancer: Targets and Therapy, 2017, Volume 9, 29-38.	1.0	7
106	Risk Factors of Female Breast Cancer in Vietnam: A Case-Control Study. Cancer Research and Treatment, 2017, 49, 990-1000.	1.3	15
107	Breast Cancer in Australian Indigenous Women: Incidence, Mortality, and Risk Factors. Asian Pacific Journal of Cancer Prevention, 2017, 18, 873-884.	0.5	15
108	Mammographic Appearances in Mongolia: Causal Factors for Varying Densities. Asian Pacific Journal of Cancer Prevention, 2017, 18, 2425-2430.	0.5	2

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109	Determining Image Processing Features Describing the Appearance of Challenging Mitotic Figures and Miscounted Nonmitotic Objects. Journal of Pathology Informatics, 2017, 8, 34.	0.8	4
110	Characterization of breast density in Vietnam and its association with demographic, reproductive and lifestyle factors. Proceedings of SPIE, 2017, , .	0.8	1
111	Inconsistencies of Breast Cancer Risk Factors between the Northern and Southern Regions of Vietnam. Asian Pacific Journal of Cancer Prevention, 2017, 18, 2747-2754.	0.5	1
112	Personal and Network Dynamics in Performance of Knowledge Workers: A Study of Australian Breast Radiologists. PLoS ONE, 2016, 11, e0150186.	1.1	10
113	Impact of Breast Reader Assessment Strategy on mammographic radiologists' test reading performance. Journal of Medical Imaging and Radiation Oncology, 2016, 60, 352-358.	0.9	29
114	The Association Between Clinical Characteristics of Migraine and Brain GABA Levels: An Exploratory Study. Journal of Pain, 2016, 17, 1058-1067.	0.7	54
115	The classification of normal screening mammograms. Proceedings of SPIE, 2016, , .	0.8	1
116	IEC 61267: Feasibility of type 1100 aluminium and a copper/aluminium combination for RQA beam qualities. Physica Medica, 2016, 32, 141-149.	0.4	2
117	Predicting radiologists' true and false positive decisions in reading mammograms by using gaze parameters and image-based features. , 2016, , .		2
118	Reporting instructions significantly impact false positive rates when reading chest radiographs. European Radiology, 2016, 26, 3654-3659.	2.3	6
119	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.	3.6	7
120	Relationship Between Breast Density and Selective Estrogen-Receptor Modulators, Aromatase Inhibitors, Physical Activity, and Diet. Integrative Cancer Therapies, 2016, 15, 127-144.	0.8	24
121	Descriptive epidemiology of breast cancer in China: incidence, mortality, survival and prevalence. Breast Cancer Research and Treatment, 2016, 159, 395-406.	1.1	231
122	Investigating the link between the radiological experience and the allocation of an 'equivocal finding'. Proceedings of SPIE, 2016, , .	0.8	0
123	Radiation dose differences between digital mammography and digital breast tomosynthesis are dependent on breast thickness. Proceedings of SPIE, 2016, , .	0.8	1
124	DICOM organ dose does not accurately represent calculated dose in mammography. , 2016, , .		1
125	Varying performance in mammographic interpretation across two countries: Do results indicate reader or population variances?. Proceedings of SPIE, 2016, , .	0.8	2
126	Breast density (BD) assessment with digital breast tomosynthesis (DBT): Agreement between Quantraâ„¢ and 5th edition BI-RADSÂ®. Breast, 2016, 30, 185-190.	0.9	13

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127	Quantra reproduces BI-RADS assessment on a two-point scale. Proceedings of SPIE, 2016, , .	0.8	0
128	Guidance on good practice in authorship of journal publications. Radiography, 2016, 22, 203-205.	1.1	2
129	The impact of radiology expertise upon the localization of subtle pulmonary lesions. , 2016, , .		2
130	Increasing Prevalence Expectation in Thoracic Radiology Leads to Overcall. Academic Radiology, 2016, 23, 284-289.	1.3	17
131	Outcomes Knowledge May Bias Radiological Decision-making. Academic Radiology, 2016, 23, 760-767.	1.3	9
132	Quantraâ„¢ should be considered a tool for two-grade scale mammographic breast density classification. British Journal of Radiology, 2016, 89, 20151057.	1.0	11
133	RELATIONSHIP BETWEEN RADIATION DOSE AND IMAGE QUALITY IN DIGITAL BREAST TOMOSYNTHESIS. Radiation Protection Dosimetry, 2016, 173, ncw005.	0.4	1
134	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.	1.3	15
135	In the digital era, architectural distortion remains a challenging radiological task. Clinical Radiology, 2016, 71, e35-e40.	0.5	19
136	Breast Asymmetry, Distortion and Density Are Key Factors for False Positive Decisions. Lecture Notes in Computer Science, 2016, , 307-315.	1.0	1
137	Computer-based image analysis in breast pathology. Journal of Pathology Informatics, 2016, 7, 43.	0.8	31
138	Equivocal Breast Findings Are Reduced with Digital Tomosynthesis. Lecture Notes in Computer Science, 2016, , 89-97.	1.0	0
139	Lower Recall Rates Reduced Readersâ€™ Sensitivity in Screening Mammography. Lecture Notes in Computer Science, 2016, , 116-121.	1.0	0
140	A â€˜snapshotâ€™ of the visual search behaviours of medical sonographers. Australasian Journal of Ultrasound in Medicine, 2015, 18, 70-77.	0.3	8
141	Elevated levels of GABA+ in migraine detected using [1]Hâ€MRS. NMR in Biomedicine, 2015, 28, 890-897.	1.6	42
142	Experience in reading digital images may decrease observer accuracy in mammography. , 2015, , .		2
143	Implementation and value of using a split-plot reader design in a study of digital breast tomosynthesis in a breast cancer assessment clinic. , 2015, , .		1
144	Mammographic density measurements are not affected by mammography system. Journal of Medical Imaging, 2015, 2, 015501.	0.8	12

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145	Priming cases disturb visual search patterns in screening mammography. Proceedings of SPIE, 2015, , .	0.8	0
146	Radiologists remember mountains better than radiographs, or do they?. Journal of Medical Imaging, 2015, 3, 011005.	0.8	7
147	iDensity: an automatic Gabor filter-based algorithm for breast density assessment. Proceedings of SPIE, 2015, , .	0.8	0
148	Effect of radiologists' experience on breast cancer detection and localization using digital breast tomosynthesis. European Radiology, 2015, 25, 402-409.	2.3	25
149	Precision imaging—its impact on image quality and diagnostic confidence in breast ultrasound examinations. British Journal of Radiology, 2015, 88, 20140340.	1.0	1
150	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.	1.6	3
151	Diagnostic reference levels in digital mammography: a systematic review. Radiation Protection Dosimetry, 2015, 167, 608-619.	0.4	21
152	The impact of mammographic imaging systems on density measurement. Proceedings of SPIE, 2015, , .	0.8	0
153	The role of digital tomosynthesis in reducing the number of equivocal breast reportings. Proceedings of SPIE, 2015, , .	0.8	0
154	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.	1.0	11
155	Female breast cancer in Vietnam: a comparison across Asian specific regions. Cancer Biology and Medicine, 2015, 12, 238-45.	1.4	33
156	Radiologist experience effects on contrast detection. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 2328.	0.8	2
157	Digital radiography exposure indices: A review. Journal of Medical Radiation Sciences, 2014, 61, 112-118.	0.8	31
158	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.	0.7	18
159	Can Prevalence Expectations Drive Radiologists' Behavior?. Academic Radiology, 2014, 21, 450-456.	1.3	16
160	Mammography test sets: Reading location and prior images do not affect group performance. Clinical Radiology, 2014, 69, 397-402.	0.5	11
161	What effect does mammographic breast density have on lesion detection in digital mammography?. Clinical Radiology, 2014, 69, 333-341.	0.5	42
162	How Mammographic Breast Density Affects Radiologists' Visual Search Patterns. Academic Radiology, 2014, 21, 1386-1393.	1.3	27

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163	Assessing the Impact of Prevalence Expectations on Radiologists' Behavior. Academic Radiology, 2014, 21, 1220-1221.	1.3	4
164	Assessing the effect of a true-positive recall case in screening mammography: does perceptual priming alter radiologists' performance?. British Journal of Radiology, 2014, 87, 20140029.	1.0	2
165	Mammographic Density and Cancer Detection. Academic Radiology, 2014, 21, 1377-1385.	1.3	23
166	An evaluation of paediatric projection radiography in Ireland. Radiography, 2014, 20, 189-194.	1.1	6
167	Naive observer performance and prevalence expectations. Radiography, 2014, 20, 174.	1.1	0
168	Mammographic density descriptors of novel phantom images: effect of clustered lumpy backgrounds. Proceedings of SPIE, 2014, , .	0.8	0
169	Does sensitivity measured from screening test-sets predict clinical performance?. , 2014, , .		0
170	The patterns of false positive lesions for chest radiography observer performance: insights into errors and locations. Proceedings of SPIE, 2014, , .	0.8	0
171	Effect of mammographic breast density on radiologists' visual search pattern. Proceedings of SPIE, 2014, , .	0.8	0
172	Direction of an initial saccade depends on radiological expertise. , 2014, , .		4
173	Investigating links between emotional intelligence and observer performance by radiologists in mammography. Proceedings of SPIE, 2014, , .	0.8	1
174	Understanding the Role of Correct Lesion Assessment in Radiologists' Reporting of Breast Cancer. Lecture Notes in Computer Science, 2014, , 341-347.	1.0	2
175	BREAST: A Novel Strategy to Improve the Detection of Breast Cancer. Lecture Notes in Computer Science, 2014, , 438-443.	1.0	9
176	Mammography: Radiologist and Image Characteristics That Determine the Accuracy of Breast Cancer Diagnosis. Lecture Notes in Computer Science, 2014, , 731-736.	1.0	0
177	Quantitative Measures Confirm the Inverse Relationship between Lesion Spiculation and Detection of Breast Masses. Academic Radiology, 2013, 20, 576-580.	1.3	20
178	Breast Screen New South Wales Generally Demonstrates Good Radiologic Viewing Conditions. Journal of Digital Imaging, 2013, 26, 759-767.	1.6	6
179	An optimised patient-specific approach to administration of contrast agent for CT pulmonary angiography. European Radiology, 2013, 23, 3205-3212.	2.3	24
180	The effect of abnormality-prevalence expectation on naïve observer performance and visual search. Radiography, 2013, 19, 196-199.	1.1	18

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181	The Effect of JPEG2000 Compression on Detection of Skull Fractures. Academic Radiology, 2013, 20, 712-720.	1.3	7
182	Digital tomosynthesis: A new future for breast imaging?. Clinical Radiology, 2013, 68, e225-e236.	0.5	68
183	The establishment of local diagnostic reference levels for paediatric interventional cardiology. Radiography, 2013, 19, 295-301.	1.1	22
184	Optimization of Computed Tomography Protocols: Limitations of a Methodology Employing a Phantom with Location-Known Opacities. Journal of Digital Imaging, 2013, 26, 1001-1007.	1.6	3
185	Trend of Contrast Detection Threshold with and without Localization. Journal of Digital Imaging, 2013, 26, 1099-1106.	1.6	3
186	Reliability of a Radiological Grading System for Dermal Backflow in Lymphoscintigraphy Imaging. Academic Radiology, 2013, 20, 758-763.	1.3	23
187	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.	0.2	10
188	Multidetector computed tomography in the evaluation of cirsoid aneurysm of the scalp—a manifestation of trauma. Clinical Imaging, 2013, 37, 558-560.	0.8	10
189	<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.	0.9	5
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