Sarah J Lewis

List of Publications by Year
in descending order

54	854	623699	580810
papers	citations	14 h-index	25 g-index

54	54	54	869
all docs	docs citations	times ranked	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.	1.3	4
2	Understanding radiographic decisionâ€making when imaging obese patients: A Thinkâ€Aloud study. Journal of Medical Radiation Sciences, 2022, 69, 13-23.	1.5	4
3	Mammography-based Radiomics in Breast Cancer: A Scoping Review of Current Knowledge and Future Needs. Academic Radiology, 2022, 29, 1228-1247.	2.5	15
4	A machine learning model based on readersâ€™ characteristics to predict their performances in reading screening mammograms. Breast Cancer, 2022, 29, 589-598.	2.9	2
5	Using Occlusion-Based Saliency Maps to Explain an Artificial Intelligence Tool in Lung Cancer Screening: Agreement Between Radiologists, Labels, and Visual Prompts. Journal of Digital Imaging, 2022, 35, 1164-1175.	2.9	1
6	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
7	The impact of COVID-19 upon student radiographers and clinical training. Radiography, 2021, 27, 464-474.	2.1	43
8	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
9	Stakeholdersâ€™ views of integrating universal tumour screening and genetic testing for colorectal and endometrial cancer into routine oncology. European Journal of Human Genetics, 2021, 29, 1634-1644.	2.8	6
10	Health system interventions to integrate genetic testing in routine oncology services: A systematic review. PLoS ONE, 2021, 16, e0250379.	2.5	13
11	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
12	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.	1.5	2
13	A bibliometric and social network analysis perspective of Xâ€ray phaseâ€contrast imaging in medical imaging. Journal of Medical Radiation Sciences, 2021, , .	1.5	1
14	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
15	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, , .	1.1	3
16	Student perceptions of remote access simulated learning in computed tomography. Interactive Learning Environments, 2020, 28, 865-875.	6.4	9
17	Computed tomography learning via high-fidelity simulation for undergraduate radiography students. Radiography, 2020, 26, 49-56.	2.1	15
18	How can Australia integrate routine genetic sequencing in oncology: a qualitative study through an implementation science lens. Genetics in Medicine, 2020, 22, 1507-1516.	2.4	9

#	Article	IF	Citations
19	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
20	Benefits of Independent Double Reading in Digital Mammography. Academic Radiology, 2019, 26, 717-723.	2.5	19
21	Artificial Intelligence in medical imaging practice: looking to the future. Journal of Medical Radiation Sciences, 2019, 66, 292-295.	1.5	50
22	Optimizing Projectional Radiographic Imaging of the Abdomen of Obese Patients: An e-Delphi Study. Journal of Medical Imaging and Radiation Sciences, 2019, 50, 289-296.	0.3	4
23	Toward Improving Breast Cancer Imaging: Radiological Assessment of Propagation-Based Phase-Contrast CT Technology. Academic Radiology, 2019, 26, e79-e89.	2.5	24
24	Dynamics of breast imaging research: A global scoping review and Sino-Australian comparison case study. PLoS ONE, 2019, 14, e0210256.	2.5	6
25	A review of mammographic positioning image quality criteria for the craniocaudal projection. British Journal of Radiology, 2018, 91, 20170611.	2.2	9
26	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
27	Interprofessional education: evaluation of a radiation therapy and medical physics student simulation workshop. Journal of Medical Radiation Sciences, 2018, 65, 106-113.	1.5	17
28	Patient education using virtual reality increases knowledge and positive experience for breast cancer patients undergoing radiation therapy. Supportive Care in Cancer, 2018, 26, 2879-2888.	2.2	98
29	Breast Cancer Patientsâ€™ Perceptions of a Virtual Learning Environment for Pretreatment Education. Journal of Cancer Education, 2018, 33, 983-990.	1.3	19
30	Radiation Therapy Patient Education Review and a Case Study Using the Virtual Environment for Radiotherapy Training System. Journal of Medical Imaging and Radiation Sciences, 2018, 49, 106-117.	0.3	15
31	Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. Computers in Biology and Medicine, 2018, 102, 132-137.	7.0	19
32	X-Ray Phase-Contrast Technology in Breast Imaging: Principles, Options, and Clinical Application. American Journal of Roentgenology, 2018, 211, 133-145.	2.2	50
33	Radiologists can detect the â€˜gistâ€™ of breast cancer before any overt signs of cancer appear. Scientific Reports, 2018, 8, 8717.	3.3	44
34	Advantages of breast cancer visualization and characterization using synchrotron radiation phase-contrast tomography. Journal of Synchrotron Radiation, 2018, 25, 1460-1466.	2.4	21
35	Radiation therapy patient education using <scp>VERT</scp>: combination of technology with human care. Journal of Medical Radiation Sciences, 2018, 65, 158-162.	1.5	15
36	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

#	Article	IF	Citations
37	An investigation into the mammographic appearances of missed breast cancers when recall rates are reduced. British Journal of Radiology, 2017, 90, 20170048.	2.2	4
38	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
39	Emotional Intelligence Development in Radiography Curricula: Results of an International Longitudinal Study. Journal of Medical Imaging and Radiation Sciences, 2017, 48, 282-287.	0.3	10
40	Social networks and expertise development for Australian breast radiologists. BMC Health Services Research, 2017, 17, 131.	2.2	8
41	Applying a social network analysis (SNA) approach to understanding radiologists' performance in reading mammograms. Proceedings of SPIE, 2017, , .	0.8	0
42	Personal and Network Dynamics in Performance of Knowledge Workers: A Study of Australian Breast Radiologists. PLoS ONE, 2016, 11, e0150186.	2.5	10
43	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
44	Reporting instructions significantly impact false positive rates when reading chest radiographs. European Radiology, 2016, 26, 3654-3659.	4.5	6
45	Increasing Prevalence Expectation in Thoracic Radiology Leads to Overcall. Academic Radiology, 2016, 23, 284-289.	2.5	17
46	A benchmarking and comparative analysis of emotional intelligence in student and qualified radiographers: an international study. Journal of Medical Radiation Sciences, 2015, 62, 246-252.	1.5	13
47	A systems life cycle approach to managing the radiology profession: an Australian perspective. Australian Health Review, 2015, 39, 228.	1.1	9
48	Finding my own voice through the breast cancer journey: humour, sadness and smurfs. Journal of Medical Radiation Sciences, 2015, 62, 82-85.	1.5	5
49	Towards understanding longitudinal collaboration networks: a case of mammography performance research. Scientometrics, 2015, 103, 531-544.	3.0	6
50	Obese patients and radiography literature: what do we know about a big issue?. Journal of Medical Radiation Sciences, 2015, 62, 132-141.	1.5	43
51	Number of mammography cases read per year is a strong predictor of sensitivity. Journal of Medical Imaging, 2014, 1, 015503.	1.5	20
52	Digital radiography exposure indices: A review. Journal of Medical Radiation Sciences, 2014, 61, 112-118.	1.5	31
53	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
54	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