

Sarah J Lewis

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

854
citations

706676

14
h-index

651938

25
g-index

54
all docs

54
docs citations

54
times ranked

922
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiologist Self-training: a Study of Cancer Detection when Reading Mammograms at Work Clinics or Workshops. <i>Journal of Cancer Education</i> , 2023, 38, 571-577.	0.6	4
2	Understanding radiographic decision-making when imaging obese patients: A Think-Aloud study. <i>Journal of Medical Radiation Sciences</i> , 2022, 69, 13-23.	0.8	4
3	Mammography-based Radiomics in Breast Cancer: A Scoping Review of Current Knowledge and Future Needs. <i>Academic Radiology</i> , 2022, 29, 1228-1247.	1.3	15
4	A machine learning model based on readers' characteristics to predict their performances in reading screening mammograms. <i>Breast Cancer</i> , 2022, 29, 589-598.	1.3	2
5	Using Occlusion-Based Saliency Maps to Explain an Artificial Intelligence Tool in Lung Cancer Screening: Agreement Between Radiologists, Labels, and Visual Prompts. <i>Journal of Digital Imaging</i> , 2022, 35, 1164-1175.	1.6	1
6	Propagation-Based Phase-Contrast CT of the Breast Demonstrates Higher Quality Than Conventional Absorption-Based CT Even at Lower Radiation Dose. <i>Academic Radiology</i> , 2021, 28, e20-e26.	1.3	15
7	The impact of COVID-19 upon student radiographers and clinical training. <i>Radiography</i> , 2021, 27, 464-474.	1.1	43
8	X-ray Phase-Contrast Computed Tomography for Soft Tissue Imaging at the Imaging and Medical Beamline (IMBL) of the Australian Synchrotron. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4120.	1.3	9
9	Stakeholders' views of integrating universal tumour screening and genetic testing for colorectal and endometrial cancer into routine oncology. <i>European Journal of Human Genetics</i> , 2021, 29, 1634-1644.	1.4	6
10	Health system interventions to integrate genetic testing in routine oncology services: A systematic review. <i>PLoS ONE</i> , 2021, 16, e0250379.	1.1	13
11	Improving radiologist's ability in identifying particular abnormal lesions on mammograms through training test set with immediate feedback. <i>Scientific Reports</i> , 2021, 11, 9899.	1.6	13
12	Effect of x-ray energy on the radiological image quality in propagation-based phase-contrast computed tomography of the breast. <i>Journal of Medical Imaging</i> , 2021, 8, 052108.	0.8	2
13	A bibliometric and social network analysis perspective of X-ray phase-contrast imaging in medical imaging. <i>Journal of Medical Radiation Sciences</i> , 2021, , .	0.8	1
14	Global processing provides malignancy evidence complementary to the information captured by humans or machines following detailed mammogram inspection. <i>Scientific Reports</i> , 2021, 11, 20122.	1.6	9
15	Differences in lesion interpretation between radiologists in two countries: Lessons from a digital breast tomosynthesis training test set. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2021, , .	0.7	3
16	Student perceptions of remote access simulated learning in computed tomography. <i>Interactive Learning Environments</i> , 2020, 28, 865-875.	4.4	9
17	Computed tomography learning via high-fidelity simulation for undergraduate radiography students. <i>Radiography</i> , 2020, 26, 49-56.	1.1	15
18	How can Australia integrate routine genetic sequencing in oncology: a qualitative study through an implementation science lens. <i>Genetics in Medicine</i> , 2020, 22, 1507-1516.	1.1	9

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19	Reading High Breast Density Mammograms: Differences in Diagnostic Performance between Radiologists from Hong Kong SAR/Guangdong Province in China and Australia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 2623-2629.	0.5	4
20	Benefits of Independent Double Reading in Digital Mammography. <i>Academic Radiology</i> , 2019, 26, 717-723.	1.3	19
21	Artificial Intelligence in medical imaging practice: looking to the future. <i>Journal of Medical Radiation Sciences</i> , 2019, 66, 292-295.	0.8	50
22	Optimizing Projectional Radiographic Imaging of the Abdomen of Obese Patients: An e-Delphi Study. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2019, 50, 289-296.	0.2	4
23	Toward Improving Breast Cancer Imaging: Radiological Assessment of Propagation-Based Phase-Contrast CT Technology. <i>Academic Radiology</i> , 2019, 26, e79-e89.	1.3	24
24	Dynamics of breast imaging research: A global scoping review and Sino-Australian comparison case study. <i>PLoS ONE</i> , 2019, 14, e0210256.	1.1	6
25	A review of mammographic positioning image quality criteria for the craniocaudal projection. <i>British Journal of Radiology</i> , 2018, 91, 20170611.	1.0	9
26	Breast lesion shape and margin evaluation: BI-RADS based metrics understate radiologists' actual levels of agreement. <i>Computers in Biology and Medicine</i> , 2018, 96, 294-298.	3.9	11
27	Interprofessional education: evaluation of a radiation therapy and medical physics student simulation workshop. <i>Journal of Medical Radiation Sciences</i> , 2018, 65, 106-113.	0.8	17
28	Patient education using virtual reality increases knowledge and positive experience for breast cancer patients undergoing radiation therapy. <i>Supportive Care in Cancer</i> , 2018, 26, 2879-2888.	1.0	98
29	Breast Cancer Patients' Perceptions of a Virtual Learning Environment for Pretreatment Education. <i>Journal of Cancer Education</i> , 2018, 33, 983-990.	0.6	19
30	Radiation Therapy Patient Education Review and a Case Study Using the Virtual Environment for Radiotherapy Training System. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 106-117.	0.2	15
31	Knowledge and practice of computed tomography exposure parameters amongst radiographers in Jordan. <i>Computers in Biology and Medicine</i> , 2018, 102, 132-137.	3.9	19
32	X-Ray Phase-Contrast Technology in Breast Imaging: Principles, Options, and Clinical Application. <i>American Journal of Roentgenology</i> , 2018, 211, 133-145.	1.0	50
33	Radiologists can detect the "gist" of breast cancer before any overt signs of cancer appear. <i>Scientific Reports</i> , 2018, 8, 8717.	1.6	44
34	Advantages of breast cancer visualization and characterization using synchrotron radiation phase-contrast tomography. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1460-1466.	1.0	21
35	Radiation therapy patient education using VERT: combination of technology with human care. <i>Journal of Medical Radiation Sciences</i> , 2018, 65, 158-162.	0.8	15
36	Classification of normal screening mammograms is strongly influenced by perceived mammographic breast density. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 461-469.	0.9	3

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37	An investigation into the mammographic appearances of missed breast cancers when recall rates are reduced. <i>British Journal of Radiology</i> , 2017, 90, 20170048.	1.0	4
38	The role of digital breast tomosynthesis in the breast assessment clinic: a review. <i>Journal of Medical Radiation Sciences</i> , 2017, 64, 203-211.	0.8	14
39	Emotional Intelligence Development in Radiography Curricula: Results of an International Longitudinal Study. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2017, 48, 282-287.	0.2	10
40	Social networks and expertise development for Australian breast radiologists. <i>BMC Health Services Research</i> , 2017, 17, 131.	0.9	8
41	Applying a social network analysis (SNA) approach to understanding radiologists' performance in reading mammograms. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
42	Personal and Network Dynamics in Performance of Knowledge Workers: A Study of Australian Breast Radiologists. <i>PLoS ONE</i> , 2016, 11, e0150186.	1.1	10
43	Impact of Breast Reader Assessment Strategy on mammographic radiologists' test reading performance. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 352-358.	0.9	29
44	Reporting instructions significantly impact false positive rates when reading chest radiographs. <i>European Radiology</i> , 2016, 26, 3654-3659.	2.3	6
45	Increasing Prevalence Expectation in Thoracic Radiology Leads to Overcall. <i>Academic Radiology</i> , 2016, 23, 284-289.	1.3	17
46	A benchmarking and comparative analysis of emotional intelligence in student and qualified radiographers: an international study. <i>Journal of Medical Radiation Sciences</i> , 2015, 62, 246-252.	0.8	13
47	A systems life cycle approach to managing the radiology profession: an Australian perspective. <i>Australian Health Review</i> , 2015, 39, 228.	0.5	9
48	Finding my own voice through the breast cancer journey: humour, sadness and smurfs. <i>Journal of Medical Radiation Sciences</i> , 2015, 62, 82-85.	0.8	5
49	Towards understanding longitudinal collaboration networks: a case of mammography performance research. <i>Scientometrics</i> , 2015, 103, 531-544.	1.6	6
50	Obese patients and radiography literature: what do we know about a big issue?. <i>Journal of Medical Radiation Sciences</i> , 2015, 62, 132-141.	0.8	43
51	Number of mammography cases read per year is a strong predictor of sensitivity. <i>Journal of Medical Imaging</i> , 2014, 1, 015503.	0.8	20
52	Digital radiography exposure indices: A review. <i>Journal of Medical Radiation Sciences</i> , 2014, 61, 112-118.	0.8	31
53	Radiologist participation in multi-disciplinary teams in breast cancer improves reflective practice, decision making and isolation. <i>European Journal of Cancer Care</i> , 2014, 23, 616-623.	0.7	18
54	Retrospective evaluation of exposure index (EI) values from plain radiographs reveals important considerations for quality improvement. <i>Journal of Medical Radiation Sciences</i> , 2013, 60, 115-122.	0.8	10