

Judy Gichoya

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,051
citations

623734

14
h-index

454955

30
g-index

37
all docs

37
docs citations

37
times ranked

895
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Radiology</i> , 2019, 293, 436-440.	7.3	203
2	AI recognition of patient race in medical imaging: a modelling study. <i>The Lancet Digital Health</i> , 2022, 4, e406-e414.	12.3	141
3	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Canadian Association of Radiologists Journal</i> , 2019, 70, 329-334.	2.0	81
4	Multi-Institutional Validation of a Mammography-Based Breast Cancer Risk Model. <i>Journal of Clinical Oncology</i> , 2022, 40, 1732-1740.	1.6	71
5	Ethics of artificial intelligence in radiology: summary of the joint European and North American multisociety statement. <i>Insights Into Imaging</i> , 2019, 10, 101.	3.4	61
6	Equity in essence: a call for operationalising fairness in machine learning for healthcare. <i>BMJ Health and Care Informatics</i> , 2021, 28, e100289.	3.0	54
7	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Journal of the American College of Radiology</i> , 2019, 16, 1516-1521.	1.8	48
8	How Might AI and Chest Imaging Help Unravel COVID-19's Mysteries?. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200053.	5.8	47
9	The State of Radiology AI: Considerations for Purchase Decisions and Current Market Offerings. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200004.	5.8	44
10	Performance of intensive care unit severity scoring systems across different ethnicities in the USA: a retrospective observational study. <i>The Lancet Digital Health</i> , 2021, 3, e241-e249.	12.3	44
11	Current Clinical Applications of Artificial Intelligence in Radiology and Their Best Supporting Evidence. <i>Journal of the American College of Radiology</i> , 2020, 17, 1371-1381.	1.8	37
12	Optimizing risk-based breast cancer screening policies with reinforcement learning. <i>Nature Medicine</i> , 2022, 28, 136-143.	30.7	34
13	Comparison of Open-Source Electronic Health Record Systems Based on Functional and User Performance Criteria. <i>Healthcare Informatics Research</i> , 2019, 25, 89.	1.9	23
14	Toward better public health reporting using existing off the shelf approaches: A comparison of alternative cancer detection approaches using plaintext medical data and non-dictionary based feature selection. <i>Journal of Biomedical Informatics</i> , 2016, 60, 145-152.	4.3	21
15	Patient-specific COVID-19 resource utilization prediction using fusion AI model. <i>Npj Digital Medicine</i> , 2021, 4, 94.	10.9	19
16	Overview of Noninterpretive Artificial Intelligence Models for Safety, Quality, Workflow, and Education Applications in Radiology Practice. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e210114.	5.8	17
17	Toward better public health reporting using existing off the shelf approaches: The value of medical dictionaries in automated cancer detection using plaintext medical data. <i>Journal of Biomedical Informatics</i> , 2017, 69, 160-176.	4.3	16
18	Performance of a Chest Radiograph AI Diagnostic Tool for COVID-19: A Prospective Observational Study. <i>Radiology: Artificial Intelligence</i> , 2022, 4, .	5.8	14

#	ARTICLE	IF	CITATIONS
19	Write Code, Save Lives: How a Community Uses Open Innovation to Address a Societal Challenge. R and D Management, 2019, 49, 369-382.	5.3	12
20	SCUâ€Net: A deep learning method for segmentation and quantification of breast arterial calcifications on mammograms. Medical Physics, 2021, 48, 5851-5861.	3.0	12
21	Challenges of Implementing Artificial Intelligence in Interventional Radiology. Seminars in Interventional Radiology, 2021, 38, 554-559.	0.8	7
22	Detecting Racial/Ethnic Health Disparities Using Deep Learning From Frontal Chest Radiography. Journal of the American College of Radiology, 2022, 19, 184-191.	1.8	7
23	Utilization and Comparative Effectiveness of Uterine Artery Embolization versus Hysterectomy for Severe Postpartum Hemorrhage: A National Inpatient Sample Study. Journal of Vascular and Interventional Radiology, 2022, 33, 427-435.e4.	0.5	6
24	Providersâ€™ Access of Imaging Versus Only Reports: A System Log File Analysis. Journal of the American College of Radiology, 2017, 14, 217-223.	1.8	5
25	The Application of Machine Learning to Quality Improvement Through the Lens of the Radiology Value Network. Journal of the American College of Radiology, 2019, 16, 1254-1258.	1.8	5
26	Failures Hiding in Success for Artificial Intelligence in Radiology. Journal of the American College of Radiology, 2021, 18, 517-519.	1.8	5
27	Conversion of JPG Image into DICOM Image Format with One Click Tagging. Lecture Notes in Computer Science, 2017, , 61-70.	1.3	4
28	Managing Postembolization Syndromeâ€“Related Pain after Uterine Fibroid Embolization. Seminars in Interventional Radiology, 2021, 38, 382-387.	0.8	3
29	Automatic Localization and Brand Detection of Cervical Spine Hardware on Radiographs Using Weakly Supervised Machine Learning. Radiology: Artificial Intelligence, 2022, 4, e210099.	5.8	3
30	Using cognitive fit theory to evaluate patient understanding of medical images. , 2017, 2017, 2430-2433.		2
31	Proving Value in Radiology: Experience Developing and Implementing a Shareable Open Source Registry Platform Driven by Radiology Workflow. Journal of Digital Imaging, 2017, 30, 602-608.	2.9	1
32	Beyond the AJR: â€œAn algorithmic approach to reducing unexplained pain disparities in underserved populationsâ€• American Journal of Roentgenology, 2021, 217, 1480.	2.2	1
33	Currently Available Artificial Intelligence Softwares for Cardiothoracic Imaging. Contemporary Medical Imaging, 2022, , 217-224.	0.4	1
34	Ethical Considerations of Artificial Intelligence Applications in Healthcare. Contemporary Medical Imaging, 2022, , 561-565.	0.4	1
35	Balancing the Scales: An Analysis of Social Determinants of Health, Radiology Report Acuity, and Radiology Staffing Models in an Academic Health System. Journal of the American College of Radiology, 2022, 19, 172-177.	1.8	0