

Lars J Grimm

List of Publications by Year in descending order

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Version: 2024-02-01

133
papers

2,946
citations

218677

26
h-index

197818

49
g-index

134
all docs

134
docs citations

134
times ranked

3265
citing authors

#	ARTICLE	IF	CITATIONS
1	Hidden Curriculum and the Demographic Stoicism That Keeps Women and Minorities Away From Radiology: A Mixed-Methods Study of Medical Students. <i>Journal of the American College of Radiology</i> , 2023, 20, 268-275.	1.8	3
2	Implementation of Abbreviated Breast MRI for Screening: <i>AJR</i> Expert Panel Narrative Review. <i>American Journal of Roentgenology</i> , 2022, 218, 202-212.	2.2	21
3	Radiology Stereotypes, Application Barriers, and Hospital Integration: A Mixed-methods Study of Medical Student Perceptions of Radiology. <i>Academic Radiology</i> , 2022, 29, 1108-1115.	2.5	10
4	Role of digital breast tomosynthesis in the evaluation of focal breast pain. <i>Clinical Imaging</i> , 2022, 82, 73-76.	1.5	0
5	Should Radiology Residency Interviews Remain Virtual? Results of a Multi-institutional Survey Inform the Debate. <i>Academic Radiology</i> , 2022, 29, 1595-1607.	2.5	24
6	Moving Towards Equity, Wellness, and Environmental Sustainability: Arguments for Virtual Radiology Residency Recruitment and Strategies for Application Control. <i>Academic Radiology</i> , 2022, 29, 1124-1128.	2.5	4
7	Anomaly Detection of Calcifications in Mammography Based on 11,000 Negative Cases. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 1639-1650.	4.2	9
8	Ductal Carcinoma in Situ: State-of-the-Art Review. <i>Radiology</i> , 2022, 302, 246-255.	7.3	30
9	Geographic Trends in Publications and Submissions in Radiology Journals: Decade Report (2010 – 2020). <i>Academic Radiology</i> , 2022, , .	2.5	2
10	Letter to the Editor - “Is it ethical to incentivize mammography screening in Medicaid populations?” A policy review and conceptual analysis. <i>Preventive Medicine</i> , 2022, 154, 106568.	3.4	0
11	Prediction of Upstaging in Ductal Carcinoma in Situ Based on Mammographic Radiomic Features. <i>Radiology</i> , 2022, 303, 54-62.	7.3	17
12	Benefits and Risks of Mammography Screening in Women Ages 40 to 49 Years. <i>Journal of Primary Care and Community Health</i> , 2022, 13, 215013272110583.	2.1	24
13	Finding Inspiration in the Future of Radiology: Looking Beyond the Pandemic. <i>Journal of the American College of Radiology</i> , 2022, 19, 319-320.	1.8	0
14	Breast Imaging for Transgender Individuals: Assessment of Current Practice and Needs. <i>Journal of the American College of Radiology</i> , 2022, 19, 221-231.	1.8	10
15	Variations and Challenges to Performing Outside Study Interpretations in Breast Imaging: A National Survey of the Society of Breast Imaging Membership. <i>Journal of Breast Imaging</i> , 2022, 4, 153-160.	1.3	3
16	More Than Incremental: Harnessing Machine Learning to Predict Breast Cancer Risk. <i>Journal of Clinical Oncology</i> , 2022, , JCO2102733.	1.6	0
17	Communicating With Breast Imaging Patients During the COVID-19 Pandemic: Impact on Patient Care and Physician Wellness. <i>Journal of Breast Imaging</i> , 2022, 4, 144-152.	1.3	5
18	The Radiology Resident Education Research Alliance: The Evolution of a Multi-Institutional Research Cooperative. <i>Journal of the American College of Radiology</i> , 2022, 19, 586-589.	1.8	4

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19	Bleeding Complications After Breast Core-needle Biopsy—An Approach to Managing Patients on Antithrombotic Therapy. <i>Journal of Breast Imaging</i> , 2022, 4, 241-252.	1.3	5
20	Digital Breast Tomosynthesis and Detection of Interval Invasive and Advanced Breast Cancers. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 2198.	7.4	1
21	Impact of the COVID-19 Pandemic on Breast Imaging: An Analysis of the National Mammography Database. <i>Journal of the American College of Radiology</i> , 2022, 19, 919-934.	1.8	26
22	Knowledge Retention in Radiology Residents for Audience Response System Versus Traditional Hot-Seat Conference. <i>Journal of the American College of Radiology</i> , 2021, 18, 305-308.	1.8	3
23	Mixed-Methods Study to Predict Upstaging of DCIS to Invasive Disease on Mammography. <i>American Journal of Roentgenology</i> , 2021, 216, 903-911.	2.2	7
24	You're Biased! Deal With It. <i>Journal of the American College of Radiology</i> , 2021, 18, 161-165.	1.8	8
25	The American College of Radiology/Society of Breast Imaging Updated Fellowship Training Curriculum for Breast Imaging. <i>Journal of Breast Imaging</i> , 2021, 3, 498-501.	1.3	6
26	Breast Imaging: Screening for New Breast Cancers and for Cancer Recurrence. , 2021, , 11-23.		0
27	COVID-19 and Breast Radiologist Wellness: Impact of Gender, Financial Loss, and Childcare Need. <i>Journal of the American College of Radiology</i> , 2021, 18, 1017-1026.	1.8	18
28	Impact of the COVID-19 Pandemic on Breast Imaging Education. <i>Journal of Breast Imaging</i> , 2021, 3, 354-362.	1.3	7
29	Adaptations of Breast Imaging Centers to the COVID-19 Pandemic: A Survey of California and Texas. <i>Journal of Breast Imaging</i> , 2021, 3, 343-353.	1.3	2
30	Radiomics: A Primer for Breast Radiologists. <i>Journal of Breast Imaging</i> , 2021, 3, 276-287.	1.3	4
31	Breast MRI Best Defines Extent in Women with Newly Diagnosed Invasive Lobular Carcinoma. <i>Journal of Breast Imaging</i> , 2021, 3, 299-300.	1.3	1
32	Disparities in surveillance imaging after breast conserving surgery for primary DCIS.. <i>Journal of Clinical Oncology</i> , 2021, 39, 6516-6516.	1.6	0
33	Can the use of deception be justified in medical education research? A point/counterpoint and case study. <i>Academic Radiology</i> , 2021, , .	2.5	0
34	Primary care provider perspectives on screening mammography in older women: A qualitative study. <i>Preventive Medicine Reports</i> , 2021, 22, 101380.	1.8	1
35	Factors Influential in the Selection of Radiology Residents in the Post-Step 1 World: A Discrete Choice Experiment. <i>Journal of the American College of Radiology</i> , 2021, 18, 1572-1580.	1.8	9
36	Multimodal Patient-Specific Registration for Breast Imaging Using Biomechanical Modeling with Reference to AI Evaluation of Breast Tumor Change. <i>Life</i> , 2021, 11, 747.	2.4	5

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37	Impact of COVID-19 on Breast Imaging Practice Operations and Recovery Efforts: A North American Study. <i>Journal of Breast Imaging</i> , 2021, 3, 156-167.	1.3	6
38	Prediction of Upstaged Ductal Carcinoma <i>In Situ</i> Using Forced Labeling and Domain Adaptation. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 1565-1572.	4.2	19
39	The Value of Numerical USMLE Step 1 Scores in Radiology Resident Selection. <i>Academic Radiology</i> , 2020, 27, 1475-1480.	2.5	9
40	Gender and Racial Bias in Radiology Residency Letters of Recommendation. <i>Journal of the American College of Radiology</i> , 2020, 17, 64-71.	1.8	93
41	Breast Cancer Radiogenomics: Current Status and Future Directions. <i>Academic Radiology</i> , 2020, 27, 39-46.	2.5	45
42	Ductal Carcinoma In Situ Biology, Language, and Active Surveillance: A Survey of Breast Radiologists' Knowledge and Opinions. <i>Journal of the American College of Radiology</i> , 2020, 17, 1252-1258.	1.8	2
43	Breast Cancer Screening and Health Care Costs. <i>JAMA Internal Medicine</i> , 2020, 180, 1552.	5.1	0
44	It's not you, It's me: The influence of patient and surgeon gender on patient satisfaction scores. <i>American Journal of Surgery</i> , 2020, 220, 1179-1188.	1.8	9
45	Major Factors Driving Expert Opinion on Preoperative Breast MRI Do Not Predict Additional Disease. <i>Radiology Imaging Cancer</i> , 2020, 2, e200025.	1.6	1
46	Editorial for "Harmonization of Quantitative Parenchymal Enhancement in T1-Weighted Breast MRI". <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1383-1384.	3.4	0
47	Performance of preoperative breast MRI based on breast cancer molecular subtype. <i>Clinical Imaging</i> , 2020, 67, 130-135.	1.5	4
48	Predicting Upstaging of DCIS to Invasive Disease: Radiologists's Predictive Performance. <i>Academic Radiology</i> , 2020, 27, 1580-1585.	2.5	4
49	Multimodality Imaging of Ductal Carcinoma In Situ. <i>Current Breast Cancer Reports</i> , 2020, 12, 26-35.	1.0	0
50	Awareness of implicit bias mitigates discrimination in radiology resident selection. <i>Medical Education</i> , 2020, 54, 637-642.	2.1	27
51	Microcalcification localization and cluster detection using unsupervised convolutional autoencoders and structural similarity index. , 2020, , .		1
52	Deep learning analysis of breast MRIs for prediction of occult invasive disease in ductal carcinoma in situ. <i>Computers in Biology and Medicine</i> , 2019, 115, 103498.	7.0	45
53	A Proposal to Define Three New Breast Calcification Shapes: Square, Sandwich, and Teardrop, Pill & Capsule. <i>Journal of Breast Imaging</i> , 2019, 1, 186-191.	1.3	1
54	Ductal Carcinoma in Situ: Current Concepts in Biology, Imaging, and Treatment. <i>Journal of Breast Imaging</i> , 2019, 1, 166-176.	1.3	29

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55	Screening Guidelines and Supplemental Screening Tools: Assessment of the Adequacy of Patient-Provider Discussions. Journal of Breast Imaging, 2019, 1, 109-114.	1.3	8
56	Hybrid Interactive and Didactic Teaching Format Improves Resident Retention and Attention Compared to Traditional Lectures. Academic Radiology, 2019, 26, 1269-1273.	2.5	12
57	Growth Dynamics of Mammographic Calcifications: Differentiating Ductal Carcinoma in Situ from Benign Breast Disease. Radiology, 2019, 292, 77-83.	7.3	19
58	Solitary, Well-Circumscribed, T2 Hyperintense Masses on MRI Have Very Low Malignancy Rates. Journal of Breast Imaging, 2019, 1, 37-42.	1.3	7
59	Frequency of Breast Cancer Thoughts and Lifetime Risk Estimates: A Multi-Institutional Survey of Women Undergoing Screening Mammography. Journal of the American College of Radiology, 2019, 16, 1393-1400.	1.8	3
60	Authorship and Impact of Gender-Specific Research in Major Radiology Journals. Journal of the American College of Radiology, 2019, 16, 240-243.	1.8	18
61	Cancer Outcomes in DCIS Patients Without Locoregional Treatment. Journal of the National Cancer Institute, 2019, 111, 952-960.	6.3	76
62	Screening for Breast Cancer in Average-Risk Women. Annals of Internal Medicine, 2019, 171, 450.	3.9	0
63	Response by Authors to Comments on Aminololama-Shakeri et al, "Screening Guidelines and Supplemental Screening Tools: Assessment of the Adequacy of Patient-Provider Discussion", Journal of Breast Imaging, 2019, 1, 277-277.	1.3	0
64	Bias in Radiology Resident Selection: Do We Discriminate Against the Obese and Unattractive?. Academic Medicine, 2019, 94, 1774-1780.	1.6	62
65	Radiologist-Patient Communication: Current Practices and Barriers to Communication in Breast Imaging. Journal of the American College of Radiology, 2019, 16, 709-716.	1.8	18
66	Machine learning-based prediction of future breast cancer using algorithmically measured background parenchymal enhancement on high-risk screening MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 456-464.	3.4	18
67	Differential Motivations for Pursuing Interventional Radiology: Implications for Residency Recruitment. Journal of the American College of Radiology, 2019, 16, 82-88.	1.8	17
68	Relationship between Background Parenchymal Enhancement on High-risk Screening MRI and Future Breast Cancer Risk. Academic Radiology, 2019, 26, 69-75.	2.5	38
69	Malignant microcalcification clusters detection using unsupervised deep autoencoders. , 2019, , .		1
70	Bridging the Gap. Academic Radiology, 2018, 25, 1052-1061.	2.5	61
71	Patient Perceptions of Breast Cancer Risk in Imaging-Detected Low-Risk Scenarios and Thresholds for Desired Intervention: A Multi-Institution Survey. Journal of the American College of Radiology, 2018, 15, 911-919.	1.8	14
72	Prediction of Occult Invasive Disease in Ductal Carcinoma in Situ Using Deep Learning Features. Journal of the American College of Radiology, 2018, 15, 527-534.	1.8	56

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73	Normal Axillary Lymph Node Variability Between White and Black Women on Breast MRI. Academic Radiology, 2018, 25, 305-308.	2.5	5
74	Role of Preoperative Variables in Reducing the Rate of Occult Invasive Disease for Women Considering Active Surveillance for Ductal Carcinoma In Situ. JAMA Surgery, 2018, 153, 290.	4.3	0
75	It's Not You, It's Me: The Influence of Surgeon Gender on Patient Satisfaction Scores. Journal of the American College of Surgeons, 2018, 227, e31.	0.5	1
76	Concordant, non-atypical breast papillomas do not require surgical excision: A 10-year multi-institution study and review of the literature. Clinical Imaging, 2018, 51, 180-185.	1.5	22
77	A machine learning approach to radiogenomics of breast cancer: a study of 922 subjects and 529 DCE-MRI features. British Journal of Cancer, 2018, 119, 508-516.	6.4	135
78	Collaboration Metrics Among Female and Male Researchers. Academic Radiology, 2018, 25, 951-954.	2.5	12
79	Convolutional encoder-decoder for breast mass segmentation in digital breast tomosynthesis. , 2018, , .		1
80	Deep learning-based features of breast MRI for prediction of occult invasive disease following a diagnosis of ductal carcinoma in situ: preliminary data. , 2018, , .		7
81	Recombinant oncolytic poliovirus combined with checkpoint blockade for breast cancer therapy.. Journal of Clinical Oncology, 2018, 36, e12641-e12641.	1.6	5
82	Improving classification with forced labeling of other related classes: application to prediction of upstaged ductal carcinoma in situ using mammographic features. , 2018, , .		1
83	Learning better deep features for the prediction of occult invasive disease in ductal carcinoma in situ through transfer learning. , 2018, , .		3
84	Association of high proliferation marker Ki-67 expression with DCEMR imaging features of breast: a large scale evaluation. , 2018, , .		0
85	Can algorithmically assessed MRI features predict which patients with a preoperative diagnosis of ductal carcinoma in situ are upstaged to invasive breast cancer?. Journal of Magnetic Resonance Imaging, 2017, 46, 1332-1340.	3.4	19
86	Can upstaging of ductal carcinoma in situ be predicted at biopsy by histologic and mammographic features?. , 2017, , .		1
87	Factors Influencing the Gender Breakdown of Academic Radiology Residency Programs. Journal of the American College of Radiology, 2017, 14, 958-962.	1.8	29
88	Can Occult Invasive Disease in Ductal Carcinoma In Situ Be Predicted Using Computer-extracted Mammographic Features?. Academic Radiology, 2017, 24, 1139-1147.	2.5	18
89	Differential Motivations for Pursuing Diagnostic Radiology by Gender. Academic Radiology, 2017, 24, 1312-1317.	2.5	29
90	Relationships Between MRI Breast Imaging-Reporting and Data System (BI-RADS) Lexicon Descriptors and Breast Cancer Molecular Subtypes: Internal Enhancement is Associated with Luminal B Subtype. Breast Journal, 2017, 23, 579-582.	1.0	35

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91	Imaging Features of Patients Undergoing Active Surveillance for Ductal Carcinoma in Situ. Academic Radiology, 2017, 24, 1364-1371.	2.5	11
92	Surgical Upstaging Rates for Vacuum Assisted Biopsy Proven DCIS: Implications for Active Surveillance Trials. Annals of Surgical Oncology, 2017, 24, 3534-3540.	1.5	76
93	Suspicious breast calcifications undergoing stereotactic biopsy in women ages 70 and over: Breast cancer incidence by BI-RADS descriptors. European Radiology, 2017, 27, 2275-2281.	4.5	13
94	Focal Breast Pain. Academic Radiology, 2017, 24, 53-59.	2.5	14
95	Prediction of occult invasive disease in ductal carcinoma in situ using computer-extracted mammographic features. , 2017, , .		1
96	Residency Postinterview Communications: More Harm Than Good?. Journal of Graduate Medical Education, 2016, 8, 7-9.	1.3	31
97	Breast MRI radiogenomics: Current status and research implications. Journal of Magnetic Resonance Imaging, 2016, 43, 1269-1278.	3.4	48
98	Reply to "Reducing Gender Discrepancies in Academic Radiology". American Journal of Roentgenology, 2016, 207, W105-W105.	2.2	1
99	Interobserver variability in identification of breast tumors in MRI and its implications for prognostic biomarkers and radiogenomics. Medical Physics, 2016, 43, 4558-4564.	3.0	20
100	Predicting false negative errors in digital breast tomosynthesis among radiology trainees using a computer vision-based approach. Expert Systems With Applications, 2016, 56, 1-8.	7.6	7
101	A computer vision-based algorithm to predict false positive errors in radiology trainees when interpreting digital breast tomosynthesis cases. Expert Systems With Applications, 2016, 64, 490-499.	7.6	1
102	Recommendations to Reduce Diagnostic Radiology Resident Misrepresentation in Postinterview Communications. Journal of the American College of Radiology, 2016, 13, 964-966.	1.8	2
103	Active Surveillance for DCIS: The Importance of Selection Criteria and Monitoring. Annals of Surgical Oncology, 2016, 23, 4134-4136.	1.5	19
104	Imaging of Proximal Tibiofibular Joint Instability: A 10 year retrospective case series. Clinical Imaging, 2016, 40, 470-476.	1.5	8
105	Men (and Women) in Academic Radiology: How Can We Reduce the Gender Discrepancy?. American Journal of Roentgenology, 2016, 206, 678-680.	2.2	72
106	Radiology Trainee Performance in Digital Breast Tomosynthesis: Relationship Between Difficulty and Error-Making Patterns. Journal of the American College of Radiology, 2016, 13, 198-202.	1.8	2
107	Identification of error making patterns in lesion detection on digital breast tomosynthesis using computer-extracted image features. , 2016, , .		0
108	Computational approach to radiogenomics of breast cancer: Luminal A and luminal B molecular subtypes are associated with imaging features on routine breast MRI extracted using computer vision algorithms. Journal of Magnetic Resonance Imaging, 2015, 42, 902-907.	3.4	127

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109	Survey of the incidence and effect of major life events on graduate medical education trainees. Medical Education Online, 2015, 20, 27597.	2.6	6
110	Can Breast Cancer Molecular Subtype Help to Select Patients for Preoperative MR Imaging?. Radiology, 2015, 274, 352-358.	7.3	65
111	Frequency of Malignancy and Imaging Characteristics of Probably Benign Lesions Seen at Breast MRI. American Journal of Roentgenology, 2015, 205, 442-447.	2.2	27
112	Applicant to Residency Program Translation Guide. Journal of the American College of Radiology, 2015, 12, 622-623.	1.8	8
113	Left renal vein compression as cause for varicocele: prevalence and associated findings on contrast-enhanced CT. Abdominal Imaging, 2015, 40, 3147-3151.	2.0	10
114	Abbreviated Screening Protocol for Breast MRI. Academic Radiology, 2015, 22, 1157-1162.	2.5	130
115	Does Breast Imaging Experience During Residency Translate Into Improved Initial Performance in Digital Breast Tomosynthesis?. Journal of the American College of Radiology, 2015, 12, 728-732.	1.8	5
116	Incorporating breast tomosynthesis into radiology residency: Does trainee experience in breast imaging translate into improved performance with this new modality?. , 2015, , .		1
117	Interobserver Variability Between Breast Imagers Using the Fifth Edition of the BI-RADS MRI Lexicon. American Journal of Roentgenology, 2015, 204, 1120-1124.	2.2	69
118	Accessory Veins in Nonmaturing Autogenous Arteriovenous Fistulae: Analysis of Anatomic Features and Impact on Fistula Maturation. Seminars in Dialysis, 2015, 28, E30-4.	1.3	8
119	Benefits and Harms of Breast Cancer Screening. JAMA - Journal of the American Medical Association, 2015, 314, 1615.	7.4	473
120	Recurrence-free survival in breast cancer is associated with MRI tumor enhancement dynamics quantified using computer algorithms. European Journal of Radiology, 2015, 84, 2117-2122.	2.6	24
121	Predicting error in detecting mammographic masses among radiology trainees using statistical models based on BI-RADS features. Medical Physics, 2014, 41, 031909.	3.0	12
122	A Proposal to Reduce Misrepresentation of Medical Student Research Activities in ERAS. Academic Medicine, 2014, 89, 833.	1.6	1
123	Predictors of an Academic Career on Radiology Residency Applications. Academic Radiology, 2014, 21, 685-690.	2.5	33
124	Radiogenomic Analysis of Breast Cancer: Luminal B Molecular Subtype Is Associated with Enhancement Dynamics at MR Imaging. Radiology, 2014, 273, 365-372.	7.3	206
125	Radiology Resident Mammography Training. Academic Radiology, 2014, 21, 888-892.	2.5	14
126	Radiology Education in China. Journal of the American College of Radiology, 2013, 10, 213-219.	1.8	3

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127	Ultimate Publication Rate of Unpublished Manuscripts Listed on Radiology Residency Applications at One Institution. <i>Academic Medicine</i> , 2013, 88, 1719-1722.	1.6	12
128	Incidental Detection of Nutcracker Phenomenon on Multidetector CT in an Asymptomatic Population. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 415-418.	0.9	43
129	Assessing the utility of the ventilation phase in ventilation-perfusion imaging for acute pulmonary embolism. <i>Nuclear Medicine Communications</i> , 2013, 34, 1-4.	1.1	3
130	Effectiveness of a breath-hold monitoring system in improving the reproducibility of different breath-hold positions in multiphasic CT imaging. <i>Clinical Imaging</i> , 2012, 36, 754-757.	1.5	3
131	Can the localization of primary colonic tumors be improved by staging CT without specific bowel preparation compared to optical colonoscopy?. <i>European Journal of Radiology</i> , 2012, 81, 2538-2542.	2.6	15
132	The Effect of Left-Sided Versus Right-Sided Contrast Infusion on Attenuation of the Main Pulmonary Artery When Performing Computed Tomography Angiograms of the Chest. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 52-57.	0.9	4
133	Axillary Imaging Following a New Invasive Breast Cancer Diagnosis—A Radiologist's Dilemma. <i>Journal of Breast Imaging</i> , 0, , .	1.3	3