

Laura Heacock

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,719
citations

393982

19
h-index

301761

39
g-index

41
all docs

41
docs citations

41
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Neural Networks Improve Radiologists'™ Performance in Breast Cancer Screening. IEEE Transactions on Medical Imaging, 2020, 39, 1184-1194.	5.4	358
2	Pulmonary Nodules in Patients with Primary Malignancy: Comparison of Hybrid PET/MR and PET/CT Imaging. Radiology, 2013, 268, 874-881.	3.6	140
3	Evaluation of a known breast cancer using an abbreviated breast MRI protocol: Correlation of imaging characteristics and pathology with lesion detection and conspicuity. European Journal of Radiology, 2016, 85, 815-823.	1.2	110
4	Machine learning in breast MRI. Journal of Magnetic Resonance Imaging, 2020, 52, 998-1018.	1.9	100
5	Laparoscopic sleeve gastrectomy: does bougie size affect mean %EWL? Short-term outcomes. Surgery for Obesity and Related Diseases, 2008, 4, 528-533.	1.0	99
6	An interpretable classifier for high-resolution breast cancer screening images utilizing weakly supervised localization. Medical Image Analysis, 2021, 68, 101908.	7.0	99
7	Artificial intelligence system reduces false-positive findings in the interpretation of breast ultrasound exams. Nature Communications, 2021, 12, 5645.	5.8	94
8	PET/MRI for the Evaluation of Patients With Lymphoma: Initial Observations. American Journal of Roentgenology, 2015, 204, 842-848.	1.0	87
9	Automated Segmentation of Tissues Using CT and MRI: A Systematic Review. Academic Radiology, 2019, 26, 1695-1706.	1.3	82
10	Comparison of weight loss and body composition changes with four surgical procedures. Surgery for Obesity and Related Diseases, 2009, 5, 582-587.	1.0	76
11	Laparoscopic "Gastrojejunal Sleeve Reduction" as a Revision Procedure for Weight Loss Failure After Roux-En-Y Gastric Bypass. Obesity Surgery, 2011, 21, 650-654.	1.1	56
12	Outcome of small lung nodules missed on hybrid PET/MRI in patients with primary malignancy. Journal of Magnetic Resonance Imaging, 2016, 43, 504-511.	1.9	54
13	Compressed Sensing for Breast MRI: Resolving the Trade-Off Between Spatial and Temporal Resolution. Investigative Radiology, 2017, 52, 574-582.	3.5	42
14	Comparison of conventional DCE-MRI and a novel golden-angle radial multicoil compressed sensing method for the evaluation of breast lesion conspicuity. Journal of Magnetic Resonance Imaging, 2017, 45, 1746-1752.	1.9	36
15	Drug-Induced, Dementia-Associated and Non-Dementia, Non-Drug Delirium Hospitalizations in the United States, 1998-2005. Drugs and Aging, 2010, 27, 51-61.	1.3	34
16	Breast MRI for Evaluation of Response to Neoadjuvant Therapy. Radiographics, 2021, 41, 665-679.	1.4	33
17	Role of MRI to Assess Response to Neoadjuvant Therapy for Breast Cancer. Journal of Magnetic Resonance Imaging, 2020, 52, .	1.9	29
18	Magnetic Resonance Imaging in Screening of Breast Cancer. Radiologic Clinics of North America, 2021, 59, 85-98.	0.9	29

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19	Improving the Diagnostic Accuracy of Hiatal Hernia in Patients Undergoing Bariatric Surgery. <i>Obesity Surgery</i> , 2012, 22, 1730-1733.	1.1	21
20	Dynamic Contrast-Enhanced MRI Evaluation of Pathologic Complete Response in Human Epidermal Growth Factor Receptor 2 (HER2)-Positive Breast Cancer After HER2-Targeted Therapy. <i>Academic Radiology</i> , 2020, 27, e87-e93.	1.3	14
21	Comparative performance of non-contrast MRI with HASTE vs. contrast-enhanced MRI/3D-MRCP for possible choledocholithiasis in hospitalized patients. <i>Abdominal Radiology</i> , 2017, 42, 1650-1658.	1.0	13
22	Feasibility analysis of early temporal kinetics as a surrogate marker for breast tumor type, grade, and aggressiveness. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1692-1700.	1.9	13
23	Abbreviated Breast MRI: Road to Clinical Implementation. <i>Journal of Breast Imaging</i> , 2020, 2, 201-214.	0.5	13
24	Clinical associations of delirium in hospitalized adult patients and the role of on admission presentation. <i>International Journal of Geriatric Psychiatry</i> , 2010, 25, 1022-1029.	1.3	11
25	Health-related quality of life does not vary among patients seeking different surgical procedures to assist with weight loss. <i>Surgery for Obesity and Related Diseases</i> , 2010, 6, 521-525.	1.0	11
26	Abbreviated MR Imaging for Breast Cancer. <i>Radiologic Clinics of North America</i> , 2021, 59, 99-111.	0.9	10
27	Multicenter Research Studies in Radiology. <i>Academic Radiology</i> , 2018, 25, 18-25.	1.3	9
28	Comparison of simultaneous multi-slice single-shot DWI to readout-segmented DWI for evaluation of breast lesions at 3T MRI. <i>European Journal of Radiology</i> , 2021, 138, 109626.	1.2	9
29	Lessons from the first DBTex Challenge. <i>Nature Machine Intelligence</i> , 2021, 3, 735-736.	8.3	8
30	Differences between human and machine perception in medical diagnosis. <i>Scientific Reports</i> , 2022, 12, 6877.	1.6	8
31	Diffusion weighted imaging for evaluation of breast lesions: Comparison between high b-value single-shot and routine readout-segmented sequences at 3T. <i>Magnetic Resonance Imaging</i> , 2021, 84, 35-40.	1.0	3
32	Reducing False-Positive Biopsies using Deep Neural Networks that Utilize both Local and Global Image Context of Screening Mammograms. <i>Journal of Digital Imaging</i> , 2021, 34, 1414-1423.	1.6	3
33	Advances in Abbreviated Breast MRI and Ultrafast Imaging. <i>Seminars in Roentgenology</i> , 2022, 57, 145-148.	0.2	3
34	After the Storm: Eight Unexpected Benefits to Radiology Resident Education at NYU Langone Medical Center After Hurricane Sandy. <i>Journal of the American College of Radiology</i> , 2014, 11, 97-100.	0.9	2
35	Developments in Breast Imaging. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2018, 26, 247-258.	0.6	2
36	Screening Breast MRI Primer: Indications, Current Protocols, and Emerging Techniques. <i>Journal of Breast Imaging</i> , 2021, 3, 387-398.	0.5	2

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37	Posterior Reversible Encephalopathy Syndrome in a 13-Year-Old Female With Mild Systemic Lupus Erythematosus. <i>Clinical Pediatrics</i> , 2011, 50, 76-78.	0.4	1
38	Abdominopelvic MRI for Lesion Characterization After Prior Imaging: Factors Associated With Likelihood of Added Value. <i>American Journal of Roentgenology</i> , 2014, 202, 1037-1042.	1.0	1
39	Early Experience in the Implementation of an Abdominal Imaging Junior Fellowship for Fourth-Year Radiology Residents. <i>Journal of the American College of Radiology</i> , 2017, 14, 541-544.	0.9	1
40	Estimation of the capillary level input function for dynamic contrast-enhanced MRI of the breast using a deep learning approach. <i>Magnetic Resonance in Medicine</i> , 2022, , .	1.9	1