

Lisa C Adams

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

908
citations

566801

15
h-index

525886

27
g-index

56
all docs

56
docs citations

56
times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of visceral adiposity in the severity of COVID-19: Highlights from a unicenter cross-sectional pilot study in Germany. <i>Metabolism: Clinical and Experimental</i> , 2020, 110, 154317.	1.5	146
2	Comparing different deep learning architectures for classification of chest radiographs. <i>Scientific Reports</i> , 2020, 10, 13590.	1.6	109
3	Renal cell carcinoma with venous extension: prediction of inferior vena cava wall invasion by MRI. <i>Cancer Imaging</i> , 2018, 18, 17.	1.2	56
4	Highly accurate classification of chest radiographic reports using a deep learning natural language model pre-trained on 3.8 million text reports. <i>Bioinformatics</i> , 2021, 36, 5255-5261.	1.8	41
5	Deep learning for detection of radiographic sacroiliitis: achieving expert-level performance. <i>Arthritis Research and Therapy</i> , 2021, 23, 106.	1.6	37
6	Concurrent Molecular Magnetic Resonance Imaging of Inflammatory Activity and Extracellular Matrix Degradation for the Prediction of Aneurysm Rupture. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008707.	1.3	32
7	Native T1 Mapping as an In Vivo Biomarker for the Identification of Higher-Grade Renal Cell Carcinoma. <i>Investigative Radiology</i> , 2019, 54, 118-128.	3.5	31
8	Molecular MR Imaging of Prostate Cancer. <i>Biomedicines</i> , 2021, 9, 1.	1.4	29
9	Use of quantitative T2 mapping for the assessment of renal cell carcinomas: first results. <i>Cancer Imaging</i> , 2019, 19, 35.	1.2	25
10	Diagnostic performance of susceptibility-weighted magnetic resonance imaging for the detection of calcifications: A systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 15506.	1.6	23
11	Non-alcoholic fatty liver disease in underweight patients with inflammatory bowel disease: A case-control study. <i>PLoS ONE</i> , 2018, 13, e0206450.	1.1	21
12	Differentiation of Predominantly Osteoblastic and Osteolytic Spine Metastases by Using Susceptibility-weighted MRI. <i>Radiology</i> , 2019, 290, 146-154.	3.6	19
13	Multiparametric Assessment of Changes in Renal Tissue after Kidney Transplantation with Quantitative MR Relaxometry and Diffusion-Tensor Imaging at 3 T. <i>Journal of Clinical Medicine</i> , 2020, 9, 1551.	1.0	19
14	De Novo Radiomics Approach Using Image Augmentation and Features From T1 Mapping to Predict Gleason Scores in Prostate Cancer. <i>Investigative Radiology</i> , 2021, 56, 661-668.	3.5	18
15	Evaluation of osseous cervical foraminal stenosis in spinal radiculopathy using susceptibility-weighted magnetic resonance imaging. <i>European Radiology</i> , 2019, 29, 1855-1862.	2.3	17
16	Prostate158 - An expert-annotated 3T MRI dataset and algorithm for prostate cancer detection. <i>Computers in Biology and Medicine</i> , 2022, 148, 105817.	3.9	17
17	Assessment of intracranial meningioma-associated calcifications using susceptibility-weighted MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1177-1186.	1.9	16
18	Deep learning for accurately recognizing common causes of shoulder pain on radiographs. <i>Skeletal Radiology</i> , 2022, 51, 355-362.	1.2	16

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19	Assessment of the extracellular volume fraction for the grading of clear cell renal cell carcinoma: first results and histopathological findings. <i>European Radiology</i> , 2019, 29, 5832-5843.	2.3	15
20	Simultaneous molecular MRI of extracellular matrix collagen and inflammatory activity to predict abdominal aortic aneurysm rupture. <i>Scientific Reports</i> , 2020, 10, 15206.	1.6	14
21	Noninvasive imaging of vascular permeability to predict the risk of rupture in abdominal aortic aneurysms using an albumin-binding probe. <i>Scientific Reports</i> , 2020, 10, 3231.	1.6	14
22	Deep-Learning-Based Diagnosis of Bedside Chest X-ray in Intensive Care and Emergency Medicine. <i>Investigative Radiology</i> , 2021, 56, 525-534.	3.5	14
23	Sclerotic bone lesions as a potential imaging biomarker for the diagnosis of tuberous sclerosis complex. <i>Scientific Reports</i> , 2018, 8, 953.	1.6	13
24	Evaluation of vertebral body fractures using susceptibility-weighted magnetic resonance imaging. <i>European Radiology</i> , 2018, 28, 2228-2235.	2.3	13
25	Dual-probe molecular MRI for the in vivo characterization of atherosclerosis in a mouse model: Simultaneous assessment of plaque inflammation and extracellular-matrix remodeling. <i>Scientific Reports</i> , 2019, 9, 13827.	1.6	13
26	Evaluation of sclerosis in Modic changes of the spine using susceptibility-weighted magnetic resonance imaging. <i>European Journal of Radiology</i> , 2017, 88, 148-154.	1.2	12
27	Quantitative 3D Assessment of ⁶⁸ Ga-DOTATOC PET/MRI with Diffusion-Weighted Imaging to Assess Imaging Markers for Gastroenteropancreatic Neuroendocrine Tumors: Preliminary Results. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1021-1027.	2.8	12
28	Treatment effect of mTOR-inhibition on tissue composition of renal angiomyolipomas in tuberous sclerosis complex (TSC). <i>PLoS ONE</i> , 2017, 12, e0189132.	1.1	12
29	Quantitative susceptibility mapping across two clinical field strengths: Contrast-to-noise ratio enhancement at 1.5T. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 1410-1420.	1.9	11
30	Targeting the Extracellular Matrix in Abdominal Aortic Aneurysms Using Molecular Imaging Insights. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2685.	1.8	10
31	Diagnostic accuracy of susceptibility-weighted magnetic resonance imaging for the evaluation of pineal gland calcification. <i>PLoS ONE</i> , 2017, 12, e0172764.	1.1	10
32	Native T1 Mapping Magnetic Resonance Imaging as a Quantitative Biomarker for Characterization of the Extracellular Matrix in a Rabbit Hepatic Cancer Model. <i>Biomedicines</i> , 2020, 8, 412.	1.4	7
33	Improved visualisation of hepatic metastases in gadoxetate disodium-enhanced MRI: Potential of contrast-optimised (phase-sensitive) inversion recovery imaging. <i>PLoS ONE</i> , 2019, 14, e0213408.	1.1	6
34	Is lung density associated with severity of COVID-19?. <i>Polish Journal of Radiology</i> , 2020, 85, 600-606.	0.5	6
35	ADAMTS4-specific MR probe to assess aortic aneurysms in vivo using synthetic peptide libraries. <i>Nature Communications</i> , 2022, 13, .	5.8	6
36	Detection of vessel wall calcifications in vertebral arteries using susceptibility weighted imaging. <i>Neuroradiology</i> , 2017, 59, 861-872.	1.1	5

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37	Value of susceptibility-weighted imaging for the assessment of angle measurements reflecting hip morphology. <i>Scientific Reports</i> , 2020, 10, 20899.	1.6	5
38	Subregion Radiomics Analysis to Display Necrosis After Hepatic Microwave Ablation—A Proof of Concept Study. <i>Investigative Radiology</i> , 2020, Publish Ahead of Print, 422-429.	3.5	5
39	Magnetic resonance imaging in heart failure, including coronary imaging: numbers, facts, and challenges. <i>ESC Heart Failure</i> , 2018, 5, 3-8.	1.4	4
40	Assessing venous thrombus in renal cell carcinoma: preliminary results for unenhanced 3D-SSFP MRI. <i>Clinical Radiology</i> , 2018, 73, 757.e9-757.e19.	0.5	4
41	Improving CT accuracy in the diagnosis of COVID-19 in a hospital setting. <i>Clinical Imaging</i> , 2021, 76, 1-5.	0.8	4
42	In Vivo High-Frequency Ultrasound for the Characterization of Thrombi Associated with Aortic Aneurysms in an Experimental Mouse Model. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2882-2890.	0.7	3
43	Effect of Doxycycline on Survival in Abdominal Aortic Aneurysms in a Mouse Model. <i>Contrast Media and Molecular Imaging</i> , 2021, 2021, 1-9.	0.4	3
44	Contrast-Enhanced Magnetic Resonance Angiography Using a Novel Elastin-Specific Molecular Probe in an Experimental Animal Model. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-9.	0.4	2
45	Perioperative and oncologic outcome in patients treated for renal cell carcinoma with an extended inferior vena cava tumour thrombus level II-IV. <i>Aktuelle Urologie</i> , 2019, , .	0.3	2
46	Molecular MR-Imaging for Noninvasive Quantification of the Anti-Inflammatory Effect of Targeting Interleukin-1 β in a Mouse Model of Aortic Aneurysm. <i>Molecular Imaging</i> , 2020, 19, 153601212096187.	0.7	2
47	Correlation of Native Liver Parenchyma T1 and T2 Relaxation Times and Liver Synthetic Function Tests: A Pilot Study. <i>Diagnostics</i> , 2021, 11, 1125.	1.3	2
48	Evaluation of potential tissue heating during percutaneous drill-assisted bone sampling in an in vivo porcine study. <i>Skeletal Radiology</i> , 2022, 51, 829-836.	1.2	2
49	Microscopic multifrequency magnetic resonance elastography of ex vivo abdominal aortic aneurysms for extracellular matrix imaging in a mouse model. <i>Acta Biomaterialia</i> , 2021, 140, 389-389.	4.1	2
50	Feasibility of gadoxetate disodium enhanced 3D T1 MR cholangiography (MRC) with a specific inversion recovery prepulse for the assessment of the hepatobiliary system. <i>PLoS ONE</i> , 2018, 13, e0203476.	1.1	1
51	MR Angiography of the Head/Neck Vascular System in Mice on a Clinical MRI System. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.4	1
52	Native T1 mapping for assessment of the perilesional zone in metastases and benign lesions of the liver. <i>Scientific Reports</i> , 2020, 10, 12889.	1.6	1
53	Intracellular accumulation capacity of gadoxetate: initial results for a novel biomarker of liver function. <i>Scientific Reports</i> , 2020, 10, 18104.	1.6	0