Lisa C Adams

List of Publications by Year in Descending Order

49 papers	421 citations	10 h-index	19 g-index
56 ext. papers	673 ext. citations	5.6 avg, IF	3.95 L-index

#	Paper	IF	Citations
49	Microscopic multifrequency magnetic resonance elastography of ex vivo abdominal aortic aneurysms for extracellular matrix imaging in a mouse model. *Acta Biomaterialia*, **2021**, 140, 389-389	10.8	0
48	Targeting the Extracellular Matrix in Abdominal Aortic Aneurysms Using Molecular Imaging Insights. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
47	Deep-Learning-Based Diagnosis of Bedside Chest X-ray in Intensive Care and Emergency Medicine. *Investigative Radiology*, **2021**, 56, 525-534	10.1	4
46	Effect of Doxycycline on Survival in Abdominal Aortic Aneurysms in a Mouse Model. *Contrast Media and Molecular Imaging*, **2021**, 2021, 9999847	3.2	
45	De Novo Radiomics Approach Using Image Augmentation and Features From T1 Mapping to Predict Gleason Scores in Prostate Cancer. *Investigative Radiology*, **2021**, 56, 661-668	10.1	2
44	Deep learning for detection of radiographic sacroiliitis: achieving expert-level performance. *Arthritis Research and Therapy*, **2021**, 23, 106	5.7	9
43	Highly accurate classification of chest radiographic reports using a deep learning natural language model pre-trained on 3.8 million text reports. *Bioinformatics*, **2021**, 36, 5255-5261	7.2	12
42	Deep learning for accurately recognizing common causes of shoulder pain on radiographs. *Skeletal Radiology*, **2021**, 1	2.7	4
41	Improving CT accuracy in the diagnosis of COVID-19 in a hospital setting. *Clinical Imaging*, **2021**, 76, 1-5	2.7	1
40	Evaluation of potential tissue heating during percutaneous drill-assisted bone sampling in an in vivo porcine study. *Skeletal Radiology*, **2021**, 1	2.7	1
39	Multiparametric Assessment of Changes in Renal Tissue after Kidney Transplantation with Quantitative MR Relaxometry and Diffusion-Tensor Imaging at 3 T. *Journal of Clinical Medicine*, **2020**, 9,	5.1	6
38	Subregion Radiomics Analysis to Display Necrosis After Hepatic Microwave Ablation-A Proof of Concept Study. *Investigative Radiology*, **2020**, 55, 422-429	10.1	3
37	Noninvasive imaging of vascular permeability to predict the risk of rupture in abdominal aortic aneurysms using an albumin-binding probe. *Scientific Reports*, **2020**, 10, 3231	4.9	10
36	Molecular MR Imaging of Prostate Cancer. *Biomedicines*, **2020**, 9,	4.8	2
35	Is lung density associated with severity of COVID-19?. *Polish Journal of Radiology*, **2020**, 85, e600-e606	1.6	3
34	Quantitative 3D Assessment of Ga-DOTATOC PET/MRI with Diffusion-Weighted Imaging to Assess Imaging Markers for Gastroenteropancreatic Neuroendocrine Tumors: Preliminary Results. *Journal of Nuclear Medicine*, **2020**, 61, 1021-1027	8.9	7
33	Native T1 Mapping Magnetic Resonance Imaging as a Quantitative Biomarker for Characterization of the Extracellular Matrix in a Rabbit Hepatic Cancer Model. *Biomedicines*, **2020**, 8,	4.8	3

32	The role of visceral adiposity in the severity of COVID-19: Highlights from a unicenter cross-sectional pilot study in Germany. *Metabolism: Clinical and Experimental*, **2020**, 110, 154317	12.7	89
31	Native T1 mapping for assessment of the perilesional zone in metastases and benign lesions of the liver. *Scientific Reports*, **2020**, 10, 12889	4.9	
30	Comparing different deep learning architectures for classification of chest radiographs. *Scientific Reports*, **2020**, 10, 13590	4.9	50
29	Intracellular accumulation capacity of gadoxetate: initial results for a novel biomarker of liver function. *Scientific Reports*, **2020**, 10, 18104	4.9	
28	Simultaneous molecular MRI of extracellular matrix collagen and inflammatory activity to predict abdominal aortic aneurysm rupture. *Scientific Reports*, **2020**, 10, 15206	4.9	7
27	Value of susceptibility-weighted imaging for the assessment of angle measurements reflecting hip morphology. *Scientific Reports*, **2020**, 10, 20899	4.9	3
26	Molecular MR-Imaging for Noninvasive Quantification of the Anti-Inflammatory Effect of Targeting Interleukin-1 In a Mouse Model of Aortic Aneurysm. *Molecular Imaging*, **2020**, 19, 1536012120961875	3.7	2
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. *Scientific Reports*, **2019**, 9, 13827	4.9	7
24	Perioperative and oncologic outcome in patients treated for renal cell carcinoma with an extended inferior vena cava tumour thrombus level II-IV. *Aktuelle Urologie*, **2019**,	0.4	2
23	Use of quantitative T2 mapping for the assessment of renal cell carcinomas: first results. *Cancer Imaging*, **2019**, 19, 35	5.6	8
22	Concurrent Molecular Magnetic Resonance Imaging of Inflammatory Activity and Extracellular Matrix Degradation for the Prediction of Aneurysm Rupture. *Circulation: Cardiovascular Imaging*, **2019**, 12, e008707	3.9	22
21	Assessment of the extracellular volume fraction for the grading of clear cell renal cell carcinoma: first results and histopathological findings. *European Radiology*, **2019**, 29, 5832-5843	8	3
20	Improved visualisation of hepatic metastases in gadoxetate disodium-enhanced MRI: Potential of contrast-optimised (phase-sensitive) inversion recovery imaging. *PLoS ONE*, **2019**, 14, e0213408	3.7	3
19	Native T1 Mapping as an In Vivo Biomarker for the Identification of Higher-Grade Renal Cell Carcinoma: Correlation With Histopathological Findings. *Investigative Radiology*, **2019**, 54, 118-128	10.1	13
18	MR Angiography of the Head/Neck Vascular System in Mice on a Clinical MRI System. *Contrast Media and Molecular Imaging*, **2019**, 2019, 5461809	3.2	1
17	Evaluation of osseous cervical foraminal stenosis in spinal radiculopathy using susceptibility-weighted magnetic resonance imaging. *European Radiology*, **2019**, 29, 1855-1862	8	10
16	Differentiation of Predominantly Osteoblastic and Osteolytic Spine Metastases by Using Susceptibility-weighted MRI. *Radiology*, **2019**, 290, 146-154	20.5	8
15	Quantitative susceptibility mapping across two clinical field strengths: Contrast-to-noise ratio enhancement at 1.5T. *Journal of Magnetic Resonance Imaging*, **2018**, 48, 1410-1420	5.6	7

14	Sclerotic bone lesions as a potential imaging biomarker for the diagnosis of tuberous sclerosis complex. *Scientific Reports*, **2018**, 8, 953	4.9	8
13	Evaluation of vertebral body fractures using susceptibility-weighted magnetic resonance imaging. *European Radiology*, **2018**, 28, 2228-2235	8	7
12	Renal cell carcinoma with venous extension: prediction of inferior vena cava wall invasion by MRI. *Cancer Imaging*, **2018**, 18, 17	5.6	28
11	Contrast-Enhanced Magnetic Resonance Angiography Using a Novel Elastin-Specific Molecular Probe in an Experimental Animal Model. *Contrast Media and Molecular Imaging*, **2018**, 2018, 9217456	3.2	1
10	Non-alcoholic fatty liver disease in underweight patients with inflammatory bowel disease: A case-control study. *PLoS ONE*, **2018**, 13, e0206450	3.7	10
9	Feasibility of gadoxetate disodium enhanced 3D T1 MR cholangiography (MRC) with a specific inversion recovery prepulse for the assessment of the hepatobiliary system. *PLoS ONE*, **2018**, 13, e0203476	3.7	1
8	Assessing venous thrombus in renal cell carcinoma: preliminary results for unenhanced 3D-SSFP MRI. *Clinical Radiology*, **2018**, 73, 757.e9-757.e19	2.9	4
7	Assessment of intracranial meningioma-associated calcifications using susceptibility-weighted MRI. *Journal of Magnetic Resonance Imaging*, **2017**, 46, 1177-1186	5.6	11
6	Evaluation of sclerosis in Modic changes of the spine using susceptibility-weighted magnetic resonance imaging. *European Journal of Radiology*, **2017**, 88, 148-154	4.7	9
5	Detection of vessel wall calcifications in vertebral arteries using susceptibility weighted imaging. *Neuroradiology*, **2017**, 59, 861-872	3.2	3
4	Diagnostic performance of susceptibility-weighted magnetic resonance imaging for the detection of calcifications: A systematic review and meta-analysis. *Scientific Reports*, **2017**, 7, 15506	4.9	13
3	In Vivo High-Frequency Ultrasound for the Characterization of Thrombi Associated with Aortic Aneurysms in an Experimental Mouse Model. *Ultrasound in Medicine and Biology*, **2017**, 43, 2882-2890	3.5	3
2	Diagnostic accuracy of susceptibility-weighted magnetic resonance imaging for the evaluation of pineal gland calcification. *PLoS ONE*, **2017**, 12, e0172764	3.7	8
1	Treatment effect of mTOR-inhibition on tissue composition of renal angiomyolipomas in tuberous sclerosis complex (TSC). *PLoS ONE*, **2017**, 12, e0189132	3.7	8