Sara Lewis

List of Publications by Year
in descending order

79 papers	1,903 citations	257101 24 h-index	301761 39 g-index
81 all docs	81 docs citations	81 times ranked	2632 citing authors

#	Article	IF	Citations
1	Hepatocellular carcinoma detection: diagnostic performance of a simulated abbreviated MRI protocol combining diffusion-weighted and T1-weighted imaging at the delayed phase post gadoxetic acid. Abdominal Radiology, 2017, 42, 179-190.	1.0	113
2	MRI radiomics features predict immuno-oncological characteristics of hepatocellular carcinoma. European Radiology, 2020, 30, 3759-3769.	2.3	97
3	Society of Abdominal Radiology (SAR) and European Society of Urogenital Radiology (ESUR) joint consensus statement for MR imaging of placenta accreta spectrum disorders. European Radiology, 2020, 30, 2604-2615.	2.3	90
4	Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. Abdominal Radiology, 2018, 43, 218-230.	1.0	86
5	Radiomics Features Measured with Multiparametric Magnetic Resonance Imaging Predict Prostate Cancer Aggressiveness. Journal of Urology, 2019, 202, 498-505.	0.2	77
6	Quantification of hepatocellular carcinoma heterogeneity with multiparametric magnetic resonance imaging. Scientific Reports, 2017, 7, 2452.	1.6	70
7	Avoiding Unnecessary Magnetic Resonance Imaging (MRI) and Biopsies: Negative and Positive Predictive Value of MRI According to Prostate-specific Antigen Density, 4Kscore and Risk Calculators. European Urology Oncology, 2020, 3, 700-704.	2.6	69
8	Can machine learning radiomics provide pre-operative differentiation of combined hepatocellular cholangiocarcinoma from hepatocellular carcinoma and cholangiocarcinoma to inform optimal treatment planning?. European Radiology, 2021, 31, 244-255.	2.3	67
9	Combined Use of Prostate-specific Antigen Density and Magnetic Resonance Imaging for Prostate Biopsy Decision Planning: A Retrospective Multi-institutional Study Using the Prostate Magnetic Resonance Imaging Outcome Database (PROMOD). European Urology Oncology, 2021, 4, 971-979.	2.6	56
10	Diffusion-Weighted Imaging of the Liver. Magnetic Resonance Imaging Clinics of North America, 2014, 22, 373-395.	0.6	54
11	Advanced Diffusion-weighted Imaging Modeling for Prostate Cancer Characterization: Correlation with Quantitative Histopathologic Tumor Tissue Compositionâ€"A Hypothesis-generating Study. Radiology, 2018, 286, 918-928.	3.6	54
12	Radiomics of hepatocellular carcinoma. Abdominal Radiology, 2021, 46, 111-123.	1.0	49
13	Review of chest CT manifestations of COVID-19 infection. European Journal of Radiology Open, 2020, 7, 100239.	0.7	47
14	Hepatocellular carcinoma detection in liver cirrhosis: diagnostic performance of contrast-enhanced CT vs. MRI with extracellular contrast vs. gadoxetic acid. European Radiology, 2020, 30, 1020-1030.	2.3	45
15	Hemochromatosis: pathophysiology, evaluation, and management of hepatic iron overload with a focus on MRI. Expert Review of Gastroenterology and Hepatology, 2018, 12, 767-778.	1.4	44
16	Gadoxetate-enhanced abbreviated MRI is highly accurate for hepatocellular carcinoma screening. European Radiology, 2020, 30, 6003-6013.	2.3	43
17	Volumetric quantitative histogram analysis using diffusion-weighted magnetic resonance imaging toÂdifferentiate HCC from other primary liver cancers. Abdominal Radiology, 2019, 44, 912-922.	1.0	41
18	Molecular signatures of long-term hepatocellular carcinoma risk in nonalcoholic fatty liver disease. Science Translational Medicine, 2022, 14, .	5.8	40

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19	Characterization of solid renal neoplasms using MRI-based quantitative radiomics features. Abdominal Radiology, 2020, 45, 2840-2850.	1.0	36
20	Prediction of the histopathologic findings of intrahepatic cholangiocarcinoma: qualitative and quantitative assessment of diffusion-weighted imaging. European Radiology, 2018, 28, 2047-2057.	2.3	34
21	CT/MRI and CEUS LI-RADS Major Features Association with Hepatocellular Carcinoma: Individual Patient Data Meta-Analysis. Radiology, 2022, 302, 326-335.	3.6	32
22	Multiparametric magnetic resonance imaging shows promising results to assess renal transplant dysfunction with fibrosis. Kidney International, 2020, 97, 414-420.	2.6	30
23	Imaging of Hepatocellular Carcinoma Response After ⁹⁰Y Radioembolization. American Journal of Roentgenology, 2017, 209, W263-W276.	1.0	29
24	Defining Prostate Cancer at Favorable Intermediate Risk: The Potential Utility of Magnetic Resonance Imaging and Genomic Tests. Journal of Urology, 2019, 202, 102-107.	0.2	27
25	MR defecography technique: recommendations of the society of abdominal radiologyâ€™s disease-focused panel on pelvic floor imaging. Abdominal Radiology, 2021, 46, 1351-1361.	1.0	26
26	Prediction of biochemical recurrence in prostate cancer patients who underwent prostatectomy using routine clinical prostate multiparametric MRI and decipher genomic score. Journal of Magnetic Resonance Imaging, 2020, 51, 1075-1085.	1.9	24
27	Staging Accuracy of Multiparametric Magnetic Resonance Imaging in Caucasian and African American Men Undergoing Radical Prostatectomy. Journal of Urology, 2020, 204, 82-90.	0.2	24
28	The gravid uterus: MR imaging and reporting of abnormal placentation. Abdominal Radiology, 2016, 41, 2411-2423.	1.0	23
29	Multiparametric Magnetic Resonance Imaging Features Identify Aggressive Prostate Cancer at the Phenotypic and Transcriptomic Level. Journal of Urology, 2018, 200, 1241-1249.	0.2	23
30	Outcomes assessment in intrahepatic cholangiocarcinoma using qualitative and quantitative imaging features. Cancer Imaging, 2020, 20, 43.	1.2	23
31	Magnetic resonance elastography vs. point shear wave ultrasound elastography for the assessment of renal allograft dysfunction. European Journal of Radiology, 2020, 126, 108949.	1.2	22
32	N-Glycosylation Patterns Correlate with Hepatocellular Carcinoma Genetic Subtypes. Molecular Cancer Research, 2021, 19, 1868-1877.	1.5	21
33	Precision of MRI radiomics features in the liver and hepatocellular carcinoma. European Radiology, 2022, 32, 2030-2040.	2.3	21
34	Expanding Active Surveillance Inclusion Criteria: A Novel Nomogram Including Preoperative Clinical Parameters and Magnetic Resonance Imaging Findings. European Urology Oncology, 2022, 5, 187-194.	2.6	20
35	T_{1Ï} mapping for assessment of renal allograft fibrosis. Journal of Magnetic Resonance Imaging, 2019, 50, 1085-1091.	1.9	18
36	A comparative study of portal vein embolization versus radiation lobectomy with Yttrium-90 micropheres in preparation for liver resection for initially unresectable hepatocellular carcinoma. Surgery, 2021, 169, 1044-1051.	1.0	18

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37	Performance of prostate multiparametric MRI for prediction of prostate cancer extra-prostatic extension according to NCCN risk categories: implication for surgical planning. Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology, 2020, 72, 746-754.	3.9	18
38	Hepatic steatosis in participants in a program of low-dose CT screening for lung cancer. European Journal of Radiology, 2017, 94, 174-179.	1.2	17
39	Noninvasive imaging assessment of portal hypertension. Abdominal Radiology, 2020, 45, 3473-3495.	1.0	16
40	Radiomics of hepatocellular carcinoma: promising roles in patient selection, prediction, and assessment of treatment response. Abdominal Radiology, 2021, 46, 3674-3685.	1.0	16
41	Assessment of Hepatocellular Carcinoma Response to ⁹⁰Y Radioembolization Using Dynamic Contrast Materialâ€“enhanced MRI and Intravoxel Incoherent Motion Diffusion-weighted Imaging. Radiology Imaging Cancer, 2020, 2, e190094.	0.7	15
42	Imaging of acute anorectal conditions with CT and MRI. Abdominal Radiology, 2017, 42, 403-422.	1.0	14
43	Magnetic resonance imaging of a small vessel hepatic hemangioma in a cirrhotic patient with histopathologic correlation. Clinical Imaging, 2015, 39, 702-706.	0.8	13
44	Diffusion-Weighted Imaging of the Liver in Patients With Chronic Liver Disease: Comparison of Monopolar and Bipolar Diffusion Gradients for Image Quality and Lesion Detection. American Journal of Roentgenology, 2015, 204, 59-68.	1.0	11
45	Multimodality imaging of fibromuscular dysplasia. Abdominal Radiology, 2016, 41, 2048-2060.	1.0	11
46	Splenic T_{1Ï} as a noninvasive biomarker for portal hypertension. Journal of Magnetic Resonance Imaging, 2020, 52, 787-794.	1.9	11
47	Using biomarkers in patients with positive multiparametric magnetic resonance imaging: 4Kscore predicts the presence of cancer outside the index lesion. International Journal of Urology, 2021, 28, 47-52.	0.5	11
48	Imaging and clinical assessment of functional defecatory disorders with emphasis on defecography. Abdominal Radiology, 2021, 46, 1323-1333.	1.0	11
49	Comparative assessment of standard and immune response criteria for evaluation of response to PD-1 monotherapy in unresectable HCC. Abdominal Radiology, 2022, 47, 969-980.	1.0	11
50	DCEâ€MRI of the prostate using shutterâ€speed vs. Tofts model for tumor characterization and assessment of aggressiveness. Journal of Magnetic Resonance Imaging, 2017, 46, 837-849.	1.9	10
51	Automated measurement of liver attenuation to identify moderate-to-severe hepatic steatosis from chest CT scans. European Journal of Radiology, 2020, 122, 108723.	1.2	10
52	Multiparametric magnetic resonance imaging for transition zone prostate cancer: essential findings, limitations, and future directions. Abdominal Radiology, 2017, 42, 2732-2744.	1.0	9
53	Non-invasive imaging criteria for the diagnosis of hepatocellular carcinoma in non-cirrhotic patients with chronic hepatitis B. JHEP Reports, 2021, 3, 100364.	2.6	9
54	DWI of the prostate: Comparison of a faster diagonal acquisition to standard threeâ€scan trace acquisition. Journal of Magnetic Resonance Imaging, 2017, 46, 1767-1775.	1.9	8

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55	Synchronous pancreatic adenocarcinoma and intrahepatic cholangiocarcinoma arising in the context of intraductal papillary neoplasms. Clinical Imaging, 2016, 40, 897-901.	0.8	7
56	Lung base CT findings in COVID-19 adult patients presenting with acute abdominal complaints: case series from a major New York City health system. European Radiology, 2020, 30, 6685-6693.	2.3	7
57	Comparison of gadoxetic acid to gadobenate dimeglumine for assessment of biliary anatomy of potential liver donors. Abdominal Radiology, 2016, 41, 1300-1309.	1.0	6
58	Gadoxetate disodium-enhanced MRI: Assessment of arterial phase artifacts and hepatobiliary uptake in a large series. European Journal of Radiology, 2020, 132, 109313.	1.2	6
59	Elevated prevalence of moderate-to-severe hepatic steatosis in World Trade Center General Responder Cohort in a program of CT lung screening. Clinical Imaging, 2020, 60, 237-243.	0.8	6
60	Early effect of 90Y radioembolisation on hepatocellular carcinoma and liver parenchyma stiffness measured with MR elastography: initial experience. European Radiology, 2021, 31, 5791-5801.	2.3	6
61	Immunotherapy-Based Treatments of Hepatocellular Carcinoma: AJR Expert Panel Narrative Review. American Journal of Roentgenology, 2022, 219, 533-546.	1.0	6
62	A Comparison of Excisional Volume Loss Calculation Methods to Predict Functional Outcome After Partial Nephrectomy. Journal of Endourology, 2019, 33, 35-41.	1.1	5
63	Magnetic resonance elastography vs. point shear wave ultrasound elastography for the assessment of renal allograft dysfunction. European Journal of Radiology, 2020, 130, 109180.	1.2	5
64	Multifocal Intrahepatic Artery Aneurysm with FDG-avid Thrombosis Simulating Metastasis: Report of a Rare Case. Journal of Clinical and Experimental Hepatology, 2016, 6, 321-325.	0.4	4
65	Doseâ€response relationship between World Trade Center dust exposure and hepatic steatosis. American Journal of Industrial Medicine, 2021, 64, 837-844.	1.0	4
66	Hypoâ€vascular hepatocellular carcinoma and liver transplantation: Morphological characteristics and implications on outcomes. Journal of Surgical Oncology, 2019, 120, 1112-1118.	0.8	3
67	Multi-Modality Imaging Evaluation of the Whole-Organ Pancreas Transplant. Current Problems in Diagnostic Radiology, 2019, 48, 289-297.	0.6	3
68	Primary sclerosing cholangitis: diagnostic performance of MRI compared to blood tests and clinical scoring systems for the evaluation of histopathological severity of disease. Abdominal Radiology, 2020, 45, 354-364.	1.0	3
69	Tomoelastography of the Prostate: Use of Tissue Stiffness for Improved Cancer Detection. Radiology, 2021, 299, 371-373.	3.6	3
70	Prostate MRI using a rigid two-channel phased-array endorectal coil: comparison with phased array coil acquisition at 3â€‰T. Cancer Imaging, 2022, 22, 15.	1.2	3
71	Unified model involving genomics, magnetic resonance imaging and prostateâ€specific antigen density outperforms individual coâ€variables at predicting biopsy upgrading in patients on active surveillance for low risk prostate cancer. Cancer Reports, 2022, 5, e1492.	0.6	3
72	Dynamic contrast-enhanced MRI perfusion quantification in hepatocellular carcinoma: comparison of gadoxetate disodium and gadobenate dimeglumine. European Radiology, 2021, 31, 9306-9315.	2.3	2

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73	Telangiectatic Hyperplastic Nodule Associated with Vascular Malformation in a Patient with Chronic Hepatitis B: Radiologic and Pathologic Features. Seminars in Liver Disease, 2013, 33, 178-184.	1.8	1
74	Gastrointestinal stromal tumor presenting as a right adnexal mass with histopathologic correlation. Clinical Imaging, 2017, 44, 97-100.	0.8	1
75	Utility of dynamic MRA in the evaluation of male erectile dysfunction. Abdominal Radiology, 2020, 45, 1990-2000.	1.0	1
76	Editorial for â€œPreliminary Exploration of the Application of Vesical <scp>Imagingâ€Reporting</scp> and Data System (<scp>VIâ€RADS</scp>) in Postâ€Treatment Patients with Bladder Cancer: A Prospective Singleâ€Center Studyâ€. Journal of Magnetic Resonance Imaging, 2022, 55, 287-288.	1.9	1
77	Development and External Validation of a Prediction Model to Identify Candidates for Prostate Biopsy.. Urology Journal, 2022, , .	0.3	1
78	Cross-Sectional Imaging Findings of Atypical Liver Malignancies and Diagnostic Pitfalls. Radiologic Clinics of North America, 2022, , .	0.9	1
79	Measuring volumetric segmentation changes in the ipsilateral and contralateral kidney postpartial nephrectomy. Urologic Oncology: Seminars and Original Investigations, 2020, 38, 798.e1-798.e7.	0.8	0