

# Sara Lewis

## List of Publications by Year in descending order

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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	Expanding Active Surveillance Inclusion Criteria: A Novel Nomogram Including Preoperative Clinical Parameters and Magnetic Resonance Imaging Findings. <i>European Urology Oncology</i> , 2022, 5, 187-194.	2.6	20
2	Editorial for "Preliminary Exploration of the Application of Vesical Imaging Reporting and Data System (VI-RADS) in Post-treatment Patients with Bladder Cancer: A Prospective Single-Center Study". <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 287-288.	1.9	1
3	Precision of MRI radiomics features in the liver and hepatocellular carcinoma. <i>European Radiology</i> , 2022, 32, 2030-2040.	2.3	21
4	CT/MRI and CEUS LI-RADS Major Features Association with Hepatocellular Carcinoma: Individual Patient Data Meta-Analysis. <i>Radiology</i> , 2022, 302, 326-335.	3.6	32
5	Prostate MRI using a rigid two-channel phased-array endorectal coil: comparison with phased array coil acquisition at 3T. <i>Cancer Imaging</i> , 2022, 22, 15.	1.2	3
6	Comparative assessment of standard and immune response criteria for evaluation of response to PD-1 monotherapy in unresectable HCC. <i>Abdominal Radiology</i> , 2022, 47, 969-980.	1.0	11
7	Unified model involving genomics, magnetic resonance imaging and prostate-specific antigen density outperforms individual variables at predicting biopsy upgrading in patients on active surveillance for low risk prostate cancer. <i>Cancer Reports</i> , 2022, 5, e1492.	0.6	3
8	Development and External Validation of a Prediction Model to Identify Candidates for Prostate Biopsy. <i>Urology Journal</i> , 2022, , .	0.3	1
9	Immunotherapy-Based Treatments of Hepatocellular Carcinoma: <i>AJR</i> Expert Panel Narrative Review. <i>American Journal of Roentgenology</i> , 2022, 219, 533-546.	1.0	6
10	Molecular signatures of long-term hepatocellular carcinoma risk in nonalcoholic fatty liver disease. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	40
11	Cross-Sectional Imaging Findings of Atypical Liver Malignancies and Diagnostic Pitfalls. <i>Radiologic Clinics of North America</i> , 2022, , .	0.9	1
12	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). <i>European Urology Oncology</i> , 2021, 4, 971-979.	2.6	56
13	Radiomics of hepatocellular carcinoma. <i>Abdominal Radiology</i> , 2021, 46, 111-123.	1.0	49
14	Can machine learning radiomics provide pre-operative differentiation of combined hepatocellular cholangiocarcinoma from hepatocellular carcinoma and cholangiocarcinoma to inform optimal treatment planning?. <i>European Radiology</i> , 2021, 31, 244-255.	2.3	67
15	Using biomarkers in patients with positive multiparametric magnetic resonance imaging: 4Kscore predicts the presence of cancer outside the index lesion. <i>International Journal of Urology</i> , 2021, 28, 47-52.	0.5	11
16	MR defecography technique: recommendations of the society of abdominal radiology's disease-focused panel on pelvic floor imaging. <i>Abdominal Radiology</i> , 2021, 46, 1351-1361.	1.0	26
17	Imaging and clinical assessment of functional defecatory disorders with emphasis on defecography. <i>Abdominal Radiology</i> , 2021, 46, 1323-1333.	1.0	11
18	Radiomics of hepatocellular carcinoma: promising roles in patient selection, prediction, and assessment of treatment response. <i>Abdominal Radiology</i> , 2021, 46, 3674-3685.	1.0	16

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19	Tomoelastography of the Prostate: Use of Tissue Stiffness for Improved Cancer Detection. <i>Radiology</i> , 2021, 299, 371-373.	3.6	3
20	A comparative study of portal vein embolization versus radiation lobectomy with Yttrium-90 microspheres in preparation for liver resection for initially unresectable hepatocellular carcinoma. <i>Surgery</i> , 2021, 169, 1044-1051.	1.0	18
21	Dynamic contrast-enhanced MRI perfusion quantification in hepatocellular carcinoma: comparison of gadoxetate disodium and gadobenate dimeglumine. <i>European Radiology</i> , 2021, 31, 9306-9315.	2.3	2
22	Dose-response relationship between World Trade Center dust exposure and hepatic steatosis. <i>American Journal of Industrial Medicine</i> , 2021, 64, 837-844.	1.0	4
23	N-Glycosylation Patterns Correlate with Hepatocellular Carcinoma Genetic Subtypes. <i>Molecular Cancer Research</i> , 2021, 19, 1868-1877.	1.5	21
24	Non-invasive imaging criteria for the diagnosis of hepatocellular carcinoma in non-cirrhotic patients with chronic hepatitis B. <i>JHEP Reports</i> , 2021, 3, 100364.	2.6	9
25	Early effect of 90Y radioembolisation on hepatocellular carcinoma and liver parenchyma stiffness measured with MR elastography: initial experience. <i>European Radiology</i> , 2021, 31, 5791-5801.	2.3	6
26	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. <i>European Urology Oncology</i> , 2020, 3, 700-704.	2.6	69
27	Multiparametric magnetic resonance imaging shows promising results to assess renal transplant dysfunction with fibrosis. <i>Kidney International</i> , 2020, 97, 414-420.	2.6	30
28	Hepatocellular carcinoma detection in liver cirrhosis: diagnostic performance of contrast-enhanced CT vs. MRI with extracellular contrast vs. gadoxetic acid. <i>European Radiology</i> , 2020, 30, 1020-1030.	2.3	45
29	Automated measurement of liver attenuation to identify moderate-to-severe hepatic steatosis from chest CT scans. <i>European Journal of Radiology</i> , 2020, 122, 108723.	1.2	10
30	Prediction of biochemical recurrence in prostate cancer patients who underwent prostatectomy using routine clinical prostate multiparametric MRI and decipher genomic score. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1075-1085.	1.9	24
31	Primary sclerosing cholangitis: diagnostic performance of MRI compared to blood tests and clinical scoring systems for the evaluation of histopathological severity of disease. <i>Abdominal Radiology</i> , 2020, 45, 354-364.	1.0	3
32	Utility of dynamic MRA in the evaluation of male erectile dysfunction. <i>Abdominal Radiology</i> , 2020, 45, 1990-2000.	1.0	1
33	Review of chest CT manifestations of COVID-19 infection. <i>European Journal of Radiology Open</i> , 2020, 7, 100239.	0.7	47
34	Measuring volumetric segmentation changes in the ipsilateral and contralateral kidney postpartial nephrectomy. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2020, 38, 798.e1-798.e7.	0.8	0
35	Gadoxetate disodium-enhanced MRI: Assessment of arterial phase artifacts and hepatobiliary uptake in a large series. <i>European Journal of Radiology</i> , 2020, 132, 109313.	1.2	6
36	Assessment of Hepatocellular Carcinoma Response to <sup>90</sup> Y Radioembolization Using Dynamic Contrast Material-enhanced MRI and Intravoxel Incoherent Motion Diffusion-weighted Imaging. <i>Radiology Imaging Cancer</i> , 2020, 2, e190094.	0.7	15

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37	Magnetic resonance elastography vs. point shear wave ultrasound elastography for the assessment of renal allograft dysfunction. <i>European Journal of Radiology</i> , 2020, 130, 109180.	1.2	5
38	Noninvasive imaging assessment of portal hypertension. <i>Abdominal Radiology</i> , 2020, 45, 3473-3495.	1.0	16
39	Magnetic resonance elastography vs. point shear wave ultrasound elastography for the assessment of renal allograft dysfunction. <i>European Journal of Radiology</i> , 2020, 126, 108949.	1.2	22
40	Gadoxetate-enhanced abbreviated MRI is highly accurate for hepatocellular carcinoma screening. <i>European Radiology</i> , 2020, 30, 6003-6013.	2.3	43
41	Outcomes assessment in intrahepatic cholangiocarcinoma using qualitative and quantitative imaging features. <i>Cancer Imaging</i> , 2020, 20, 43.	1.2	23
42	Lung base CT findings in COVID-19 adult patients presenting with acute abdominal complaints: case series from a major New York City health system. <i>European Radiology</i> , 2020, 30, 6685-6693.	2.3	7
43	Elevated prevalence of moderate-to-severe hepatic steatosis in World Trade Center General Responder Cohort in a program of CT lung screening. <i>Clinical Imaging</i> , 2020, 60, 237-243.	0.8	6
44	Splenic T <sub>1</sub> ρ as a noninvasive biomarker for portal hypertension. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 787-794.	1.9	11
45	MRI radiomics features predict immuno-oncological characteristics of hepatocellular carcinoma. <i>European Radiology</i> , 2020, 30, 3759-3769.	2.3	97
46	Society of Abdominal Radiology (SAR) and European Society of Urogenital Radiology (ESUR) joint consensus statement for MR imaging of placenta accreta spectrum disorders. <i>European Radiology</i> , 2020, 30, 2604-2615.	2.3	90
47	Characterization of solid renal neoplasms using MRI-based quantitative radiomics features. <i>Abdominal Radiology</i> , 2020, 45, 2840-2850.	1.0	36
48	Staging Accuracy of Multiparametric Magnetic Resonance Imaging in Caucasian and African American Men Undergoing Radical Prostatectomy. <i>Journal of Urology</i> , 2020, 204, 82-90.	0.2	24
49	Performance of prostate multiparametric MRI for prediction of prostate cancer extra-prostatic extension according to NCCN risk categories: implication for surgical planning. <i>Minerva Urologica E Nefrologica = the Italian Journal of Urology and Nephrology</i> , 2020, 72, 746-754.	3.9	18
50	Hypo-vascular hepatocellular carcinoma and liver transplantation: Morphological characteristics and implications on outcomes. <i>Journal of Surgical Oncology</i> , 2019, 120, 1112-1118.	0.8	3
51	T <sub>1</sub> ρ mapping for assessment of renal allograft fibrosis. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1085-1091.	1.9	18
52	Volumetric quantitative histogram analysis using diffusion-weighted magnetic resonance imaging to differentiate HCC from other primary liver cancers. <i>Abdominal Radiology</i> , 2019, 44, 912-922.	1.0	41
53	Multi-Modality Imaging Evaluation of the Whole-Organ Pancreas Transplant. <i>Current Problems in Diagnostic Radiology</i> , 2019, 48, 289-297.	0.6	3
54	A Comparison of Excisional Volume Loss Calculation Methods to Predict Functional Outcome After Partial Nephrectomy. <i>Journal of Endourology</i> , 2019, 33, 35-41.	1.1	5

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55	Defining Prostate Cancer at Favorable Intermediate Risk: The Potential Utility of Magnetic Resonance Imaging and Genomic Tests. <i>Journal of Urology</i> , 2019, 202, 102-107.	0.2	27
56	Radiomics Features Measured with Multiparametric Magnetic Resonance Imaging Predict Prostate Cancer Aggressiveness. <i>Journal of Urology</i> , 2019, 202, 498-505.	0.2	77
57	Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. <i>Abdominal Radiology</i> , 2018, 43, 218-230.	1.0	86
58	Prediction of the histopathologic findings of intrahepatic cholangiocarcinoma: qualitative and quantitative assessment of diffusion-weighted imaging. <i>European Radiology</i> , 2018, 28, 2047-2057.	2.3	34
59	Advanced Diffusion-weighted Imaging Modeling for Prostate Cancer Characterization: Correlation with Quantitative Histopathologic Tumor Tissue Composition—A Hypothesis-generating Study. <i>Radiology</i> , 2018, 286, 918-928.	3.6	54
60	Multiparametric Magnetic Resonance Imaging Features Identify Aggressive Prostate Cancer at the Phenotypic and Transcriptomic Level. <i>Journal of Urology</i> , 2018, 200, 1241-1249.	0.2	23
61	Hemochromatosis: pathophysiology, evaluation, and management of hepatic iron overload with a focus on MRI. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 767-778.	1.4	44
62	DCE-MRI of the prostate using shutter-speed vs. Tofts model for tumor characterization and assessment of aggressiveness. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 837-849.	1.9	10
63	Gastrointestinal stromal tumor presenting as a right adnexal mass with histopathologic correlation. <i>Clinical Imaging</i> , 2017, 44, 97-100.	0.8	1
64	Imaging of acute anorectal conditions with CT and MRI. <i>Abdominal Radiology</i> , 2017, 42, 403-422.	1.0	14
65	Quantification of hepatocellular carcinoma heterogeneity with multiparametric magnetic resonance imaging. <i>Scientific Reports</i> , 2017, 7, 2452.	1.6	70
66	DWI of the prostate: Comparison of a faster diagonal acquisition to standard three-scan trace acquisition. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1767-1775.	1.9	8
67	Imaging of Hepatocellular Carcinoma Response After <sup>90</sup> Y Radioembolization. <i>American Journal of Roentgenology</i> , 2017, 209, W263-W276.	1.0	29
68	Hepatic steatosis in participants in a program of low-dose CT screening for lung cancer. <i>European Journal of Radiology</i> , 2017, 94, 174-179.	1.2	17
69	Multiparametric magnetic resonance imaging for transition zone prostate cancer: essential findings, limitations, and future directions. <i>Abdominal Radiology</i> , 2017, 42, 2732-2744.	1.0	9
70	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. <i>Abdominal Radiology</i> , 2017, 42, 179-190.	1.0	113
71	Comparison of gadoxetic acid to gadobenate dimeglumine for assessment of biliary anatomy of potential liver donors. <i>Abdominal Radiology</i> , 2016, 41, 1300-1309.	1.0	6
72	Multimodality imaging of fibromuscular dysplasia. <i>Abdominal Radiology</i> , 2016, 41, 2048-2060.	1.0	11

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73	Multifocal Intrahepatic Artery Aneurysm with FDG-avid Thrombosis Simulating Metastasis: Report of a Rare Case. <i>Journal of Clinical and Experimental Hepatology</i> , 2016, 6, 321-325.	0.4	4
74	The gravid uterus: MR imaging and reporting of abnormal placentation. <i>Abdominal Radiology</i> , 2016, 41, 2411-2423.	1.0	23
75	Synchronous pancreatic adenocarcinoma and intrahepatic cholangiocarcinoma arising in the context of intraductal papillary neoplasms. <i>Clinical Imaging</i> , 2016, 40, 897-901.	0.8	7
76	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. <i>American Journal of Roentgenology</i> , 2015, 204, 59-68.	1.0	11
77	Magnetic resonance imaging of a small vessel hepatic hemangioma in a cirrhotic patient with histopathologic correlation. <i>Clinical Imaging</i> , 2015, 39, 702-706.	0.8	13
78	Diffusion-Weighted Imaging of the Liver. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2014, 22, 373-395.	0.6	54
79	Telangiectatic Hyperplastic Nodule Associated with Vascular Malformation in a Patient with Chronic Hepatitis B: Radiologic and Pathologic Features. <i>Seminars in Liver Disease</i> , 2013, 33, 178-184.	1.8	1