J Louis Hinshaw

List of Publications by Year
in descending order

99 papers	5,080 citations	100601 38 h-index	104191 69 g-index
101 all docs	101 docs citations	101 times ranked	4603 citing authors

#	Article	IF	Citations
1	Advanced CT techniques for hepatic microwave ablation zone monitoring and follow-up. Abdominal Radiology, 2022, 47, 2658-2668.	1.0	1
2	Microwave Ablation as Bridging to Liver Transplant for Patients with Hepatocellular Carcinoma: A Single-Center Retrospective Analysis. Journal of Vascular and Interventional Radiology, 2022, 33, 1045-1053.	0.2	6
3	Diurnal variation of major error rates in the interpretation of abdominal/pelvic CT studies. Abdominal Radiology, 2021, 46, 1746-1751.	1.0	0
4	CT Fluoroscopy for Image-Guided Procedures: Physician Radiation Dose During Full-Rotation and Partial-Angle CT Scanning. Journal of Vascular and Interventional Radiology, 2021, 32, 439-446.	0.2	3
5	Microwave ablation for colorectal cancer metastasis to the liver: a single-center retrospective analysis. Journal of Gastrointestinal Oncology, 2021, 12, 1454-1469.	0.6	16
6	Percutaneous Lung Biopsy with Pleural and Parenchymal Blood Patching: Results and Complications from 1,112 Core Biopsies. Journal of Vascular and Interventional Radiology, 2021, 32, 1319-1327.	0.2	11
7	Microwave Ablation of Renal Cell Carcinoma. Journal of Endourology, 2021, 35, S-33-S-37.	1.1	4
8	Combining Stereotactic Body Radiotherapy and Microwave Ablation Appears Safe and Feasible for Renal Cell Carcinoma in an Early Series. Clinical Genitourinary Cancer, 2021, 19, e313-e318.	0.9	4
9	Radiofrequency and microwave ablation in a porcine liver model: non-contrast CT and ultrasound radiologic-pathologic correlation. International Journal of Hyperthermia, 2020, 37, 799-807.	1.1	10
10	Microwave Ablation of Adrenal Tumors in Patients With Continuous Intra-Arterial Blood Pressure Monitoring Without Prior Alpha-Adrenergic Blockade: Safety and Efficacy. CardioVascular and Interventional Radiology, 2020, 43, 1384-1391.	0.9	4
11	Microwave ablation of the liver in a live porcine model: the impact of power, time and total energy on ablation zone size and shape. International Journal of Hyperthermia, 2020, 37, 668-676.	1.1	10
12	Reorganizing Cross-Sectional Interventional Procedures Practice During the Coronavirus Disease (COVID-19) Pandemic. American Journal of Roentgenology, 2020, 215, 1499-1503.	1.0	6
13	The Back Alleys and Dark Corners of Abdomen and Pelvis Computed Tomography: The Most Frequent Sites of Missed Findings in the Multiplanar Era. Journal of Clinical Imaging Science, 2020, 10, 70.	0.4	1
14	Tissue sampling in the era of precision medicine: comparison of percutaneous biopsies performed for clinical trials or tumor genomics versus routine clinical care. Abdominal Radiology, 2019, 44, 2074-2080.	1.0	6
15	Development of a Risk-stratified Approach for Follow-up Imaging After Percutaneous Thermal Ablation of Sporadic Stage One Renal Cell Carcinoma. Urology, 2019, 134, 148-153.	0.5	7
16	Robotically-Assisted Sonic Therapy for Renal Ablation in a Live Porcine Model: Initial Preclinical Results. Journal of Vascular and Interventional Radiology, 2019, 30, 1293-1302.	0.2	24
17	Tumor location does not impact oncologic outcomes for percutaneous microwave ablation of clinical T1a renal cell carcinoma. European Radiology, 2019, 29, 6319-6329.	2.3	23
18	Percutaneous Microwave Tumor Ablation Is Safe in Patients with Cardiovascular Implantable Electronic Devices: A Single-Institutional Retrospective Review. Journal of Vascular and Interventional Radiology, 2019, 30, 396-400.	0.2	4

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19	Image-Guided Ablation of Neuroendocrine Tumor Liver Metastases. Digestive Disease Interventions, 2019, 03, 038-045.	0.3	0
20	Ultraâ€“Low Radiation Dose CT Fluoroscopy for Percutaneous Interventions: A Porcine Feasibility Study. Radiology, 2019, 291, 241-249.	3.6	9
21	Risk Factors for Complications and Nondiagnostic Results following 1,155 Consecutive Percutaneous Core Renal Mass Biopsies. Journal of Urology, 2019, 201, 1080-1087.	0.2	19
22	Percutaneous microwave ablation for local control of metastatic renal cell carcinoma. Abdominal Radiology, 2018, 43, 2446-2454.	1.0	9
23	Combination transarterial chemoembolization and microwave ablation improves local tumor control for 3- to 5-cm hepatocellular carcinoma when compared with transarterial chemoembolization alone. Abdominal Radiology, 2018, 43, 2497-2504.	1.0	34
24	Ultrasound Guidance Versus CT Guidance for Peripheral Lung Biopsy: Performance According to Lesion Size and Pleural Contact. American Journal of Roentgenology, 2018, 210, W110-W117.	1.0	51
25	Comparative Analysis of Surgery, Thermal Ablation, and Active Surveillance for Renal Oncocytic Neoplasms. Urology, 2018, 112, 92-97.	0.5	17
26	Percutaneous liver biopsy and revised coagulation guidelines: a 9-year experience. Abdominal Radiology, 2018, 43, 1494-1501.	1.0	19
27	Effect of Tumor Complexity and Technique on Efficacy and Complications after Percutaneous Microwave Ablation of Stage T1a Renal Cell Carcinoma: A Single-Center, Retrospective Study. Radiology, 2017, 284, 272-280.	3.6	67
28	CT Colonographic Screening of Patients With a Family History of Colorectal Cancer: Comparison With Adults at Average Risk and Implications for Guidelines. American Journal of Roentgenology, 2017, 208, 794-800.	1.0	7
29	Safety and Efficacy of Percutaneous Microwave Hepatic Ablation Near the Heart. Journal of Vascular and Interventional Radiology, 2017, 28, 490-497.	0.2	22
30	Renal mass biopsy and thermal ablation: should biopsy be performed before or during the ablation procedure?. Abdominal Radiology, 2017, 42, 1773-1780.	1.0	29
31	Pulmonary Intraparenchymal Blood Patching Decreases the Rate of Pneumothorax-Related Complications following Percutaneous CTâ€“Guided Needle Biopsy. Journal of Vascular and Interventional Radiology, 2017, 28, 608-613.e1.	0.2	28
32	Computer-Aided Detection of Colorectal Polyps at CT Colonography: Prospective Clinical Performance and Third-Party Reimbursement. American Journal of Roentgenology, 2017, 208, 1244-1248.	1.0	7
33	Improved delineation rate of thermally ablated liver tumors with electrode displacement elastography compared to commercial acoustic radiation force impulse imaging. , 2017, , .		0
34	Delineation of microwave ablated hepatocellular carcinoma tumor regions using electrode displacement elastography. , 2017, , .		0
35	Percutaneous biopsy in the abdomen and pelvis: a step-by-step approach. Abdominal Radiology, 2016, 41, 720-742.	1.0	17
36	Microwave versus Radiofrequency Ablation Treatment for Hepatocellular Carcinoma: A Comparison of Efficacy at a Single Center. Journal of Vascular and Interventional Radiology, 2016, 27, 631-638.	0.2	77

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37	Preoperative Pulmonary Nodule Localization: A Comparison of Methylene Blue and Hookwire Techniques. American Journal of Roentgenology, 2016, 207, 1334-1339.	1.0	90
38	Effects of Microwave Ablation on Arterial and Venous Vasculature after Treatment of Hepatocellular Carcinoma. Radiology, 2016, 281, 617-624.	3.6	42
39	Objective and Subjective Intrapatient Comparison of Iohexol Versus Diatrizoate for Bowel Preparation Quality at CT Colonography. American Journal of Roentgenology, 2016, 206, 1202-1207.	1.0	18
40	Hepatic Tumor Ablation. Surgical Clinics of North America, 2016, 96, 315-339.	0.5	21
41	Symptomatic Versus Asymptomatic Colorectal Cancer. Academic Radiology, 2016, 23, 712-717.	1.3	4
42	Microwave Ablation for the Treatment of Hepatic Adenomas. Journal of Vascular and Interventional Radiology, 2016, 27, 244-249.	0.2	29
43	Serrated Polyps at CT Colonography: Prevalence and Characteristics of the Serrated Polyp Spectrum. Radiology, 2016, 280, 455-463.	3.6	53
44	Percutaneous Microwave Ablation of Renal Angiomyolipomas. CardioVascular and Interventional Radiology, 2016, 39, 433-440.	0.9	16
45	Microwave Ablation: Comparison of Simultaneous and Sequential Activation of Multiple Antennas in Liver Model Systems. Radiology, 2016, 278, 95-103.	3.6	69
46	Growth Assessment of Hepatic Venous Malformationsâ€”Reply. JAMA Surgery, 2015, 150, 371.	2.2	1
47	Percutaneous Microwave Ablation of an Insulinoma in a Patient with Refractory Symptomatic Hypoglycemia. Journal of Gastrointestinal Surgery, 2015, 19, 1378-1381.	0.9	12
48	Microwave Ablation of Hepatic Tumors Abutting the Diaphragm Is Safe and Effective. American Journal of Roentgenology, 2015, 204, 197-203.	1.0	33
49	Evaluation of a Thermoprotective Gel for Hydrodissection During Percutaneous Microwave Ablation: In Vivo Results. CardioVascular and Interventional Radiology, 2015, 38, 722-730.	0.9	12
50	Liver Ablation. Radiologic Clinics of North America, 2015, 53, 933-971.	0.9	75
51	Percutaneous Microwave Ablation of Hepatocellular Carcinoma with a Gas-Cooled System: Initial Clinical Results with 107 Tumors. Journal of Vascular and Interventional Radiology, 2015, 26, 62-68.	0.2	57
52	High-Powered Microwave Ablation of T1a Renal Cell Carcinoma: Safety and Initial Clinical Evaluation. Journal of Endourology, 2014, 28, 1046-1052.	1.1	62
53	Microwave ablation of malignant hepatic tumours: Intraperitoneal fluid instillation prevents collateral damage and allows more aggressive case selection. International Journal of Hyperthermia, 2014, 30, 299-305.	1.1	31
54	Assessing Normal Growth of Hepatic Hemangiomas During Long-term Follow-up. JAMA Surgery, 2014, 149, 1266.	2.2	68

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55	Contrast coating for the surface of flat polyps at CT colonography: a marker for detection. European Radiology, 2014, 24, 940-946.	2.3	57
56	Predictors of Thrombosis in Hepatic Vasculature during Microwave Tumor Ablation of an In Vivo Porcine Model. Journal of Vascular and Interventional Radiology, 2014, 25, 1965-1971.e2.	0.2	18
57	Creation of Short Microwave Ablation Zones: In Vivo Characterization of Single and Paired Modified Triaxial Antennas. Journal of Vascular and Interventional Radiology, 2014, 25, 1633-1640.	0.2	18
58	Percutaneous Tumor Ablation Tools: Microwave, Radiofrequency, or Cryoablationâ€"What Should You Use and Why?. Radiographics, 2014, 34, 1344-1362.	1.4	284
59	Primary Malignant Tumors of Peritoneal and Retroperitoneal Origin. Surgical Oncology Clinics of North America, 2014, 23, 821-845.	0.6	9
60	Microwave Ablation of Giant Hepatic Cavernous Hemangiomas. CardioVascular and Interventional Radiology, 2014, 37, 1299-1305.	0.9	34
61	Assessment of volumetric growth rates of small colorectal polyps with CT colonography: a longitudinal study of natural history. Lancet Oncology, The, 2013, 14, 711-720.	5.1	118
62	Cryoablation. , 2013, , 61-78.		2
63	Microwave Ablation of Hepatic Malignancy. Seminars in Interventional Radiology, 2013, 30, 056-066.	0.3	80
64	Design and validation of a thermoreversible material for percutaneous tissue hydrodissection. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101, 1400-1409.	1.6	14
65	Guidelines for Appropriate CT Imaging. Medical Radiology, 2012, , 575-583.	0.0	0
66	Contrast Mediaâ€"Doped Hydrodissection During Thermal Ablation: Optimizing Contrast Media Concentration for Improved Visibility on CT Images. American Journal of Roentgenology, 2012, 199, 677-682.	1.0	43
67	High-Powered Gas-Cooled Microwave Ablation: Shaft Cooling Creates an Effective Stick Function Without Altering the Ablation Zone. American Journal of Roentgenology, 2012, 198, W260-W265.	1.0	42
68	Hydrodissection Using an Iodinated Contrast Medium During Percutaneous Renal Cryoablation. Journal of Endourology, 2012, 26, 463-466.	1.1	18
69	CAD-associated Reader Error in CT Colonography. Academic Radiology, 2012, 19, 801-810.	1.3	4
70	High-powered Microwave Ablation with a Small-gauge, Gas-cooled Antenna: Initial Ex Vivo and In Vivo Results. Journal of Vascular and Interventional Radiology, 2012, 23, 405-411.	0.2	44
71	Radiofrequency Ablation, Cryotherapy, and Microwave Ablation for Renal Tumors. , 2012, , 131-137.		1
72	Ionizing Radiation in Abdominal CT: Unindicated Multiphase Scans Are an Important Source of Medically Unnecessary Exposure. Journal of the American College of Radiology, 2011, 8, 756-761.	0.9	83

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73	Thermal Ablation of Lung Tumors. Surgical Oncology Clinics of North America, 2011, 20, 369-387.	0.6	58
74	Thermal Ablation for the Treatment of Abdominal Tumors. Journal of Visualized Experiments, 2011, , .	0.2	10
75	Thermal Ablation. Seminars in Roentgenology, 2011, 46, 133-141.	0.2	61
76	CT-Guided Lung Biopsies: Pleural Blood Patching Reduces the Rate of Chest Tube Placement for Postbiopsy Pneumothorax. American Journal of Roentgenology, 2011, 197, 783-788.	1.0	55
77	Optimizing the Protocol for Pulmonary Cryoablation: A Comparison of a Dual- and Triple-Freeze Protocol. CardioVascular and Interventional Radiology, 2010, 33, 1180-1185.	0.9	77
78	CT Colonography: Performance and Program Outcome Measures in an Older Screening Population. Radiology, 2010, 254, 493-500.	3.6	57
79	Bowel Preparation for CT Colonography: Blinded Comparison of Magnesium Citrate and Sodium Phosphate for Catharsis. Radiology, 2010, 254, 138-144.	3.6	38
80	Effect of Computer-aided Detection for CT Colonography in a Multireader, Multicase Trial. Radiology, 2010, 256, 827-835.	3.6	94
81	Hepatic Steatosis (Fatty Liver Disease) in Asymptomatic Adults Identified by Unenhanced Low-Dose CT. American Journal of Roentgenology, 2010, 194, 623-628.	1.0	197
82	Temperature Isotherms during Pulmonary Cryoablation and their Correlation with the Zone of Ablation. Journal of Vascular and Interventional Radiology, 2010, 21, 1424-1428.	0.2	46
83	Tissue Contraction Caused by Radiofrequency and Microwave Ablation: A Laboratory Study in Liver and Lung. Journal of Vascular and Interventional Radiology, 2010, 21, 1280-1286.	0.2	137
84	Microwave Tumor Ablation: Mechanism of Action, Clinical Results, and Devices. Journal of Vascular and Interventional Radiology, 2010, 21, S192-S203.	0.2	571
85	Pulmonary Thermal Ablation: Comparison of Radiofrequency and Microwave Devices by Using Gross Pathologic and CT Findings in a Swine Model. Radiology, 2009, 251, 705-711.	3.6	178
86	Radiofrequency Ablation: Simultaneous Application of Multiple Electrodes via Switching Creates Larger, More Confluent Ablations than Sequential Application in a Large Animal Model. Journal of Vascular and Interventional Radiology, 2009, 20, 118-124.	0.2	59
87	Does Selective Intubation Increase Ablation Zone Size during Pulmonary Cryoablation?. Journal of Vascular and Interventional Radiology, 2008, 19, 1497-1501.	0.2	10
88	Unsuspected Extracolonic Findings at Screening CT Colonography: Clinical and Economic Impact¹. Radiology, 2008, 249, 151-159.	3.6	183
89	Comparison of Percutaneous and Laparoscopic Cryoablation for the Treatment of Solid Renal Masses. American Journal of Roentgenology, 2008, 191, 1159-1168.	1.0	89
90	Ultrasound-Guided Biopsies in the Abdomen and Pelvis. Ultrasound Quarterly, 2008, 24, 45-68.	0.3	35

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91	Imaging of Primary Malignant Tumors of Peritoneal and Retroperitoneal Origin. Cancer Treatment and Research, 2008, 143, 281-297.	0.2	6
92	CT Colonography versus Colonoscopy for the Detection of Advanced Neoplasia. New England Journal of Medicine, 2007, 357, 1403-1412.	13.9	655
93	Primary 2D Versus Primary 3D Polyp Detection at Screening CT Colonography. American Journal of Roentgenology, 2007, 189, 1451-1456.	1.0	103
94	Multiple-Electrode Radiofrequency Ablation of Symptomatic Hepatic Cavernous Hemangioma. American Journal of Roentgenology, 2007, 189, W146-W149.	1.0	25
95	Prospective Blinded Trial Comparing 45-mL and 90-mL Doses of Oral Sodium Phosphate for Bowel Preparation Before Computed Tomographic Colonography. Journal of Computer Assisted Tomography, 2007, 31, 53-58.	0.5	40
96	Cryoablation for Liver Cancer. Techniques in Vascular and Interventional Radiology, 2007, 10, 47-57.	0.4	84
97	Radiofrequency Ablation of Peripheral Liver Tumors: Intraperitoneal 5% Dextrose in Water Decreases Postprocedural Pain. American Journal of Roentgenology, 2006, 186, S306-S310.	1.0	63
98	Image-guided ablation of renal cell carcinoma. Magnetic Resonance Imaging Clinics of North America, 2004, 12, 429-447.	0.6	33
99	Microwave Ablation of Hepatocellular Carcinoma and Liver Metastases: Challenges, Opportunities, and Future Directions. Digestive Disease Interventions, 0, 06, .	0.3	0