

# Shane A Wells

## List of Publications by Year in descending order

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56  
papers

1,029  
citations

516710  
16  
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434195  
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58  
all docs

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docs citations

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times ranked

1406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bosniak Classification of Cystic Renal Masses, Version 2019: An Update Proposal and Needs Assessment. Radiology, 2019, 292, 475-488.	7.3	278
2	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.	0.5	77
3	Liver Ablation. Radiologic Clinics of North America, 2015, 53, 933-971.	1.8	75
4	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.	7.3	67
5	Percutaneous microwave ablation of T1a and T1b renal cell carcinoma: short-term efficacy and complications with emphasis on tumor complexity and single session treatment. Abdominal Radiology, 2016, 41, 1203-1211.	2.1	48
6	Microwave Ablation of Giant Hepatic Cavernous Hemangiomas. CardioVascular and Interventional Radiology, 2014, 37, 1299-1305.	2.0	34
7	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.	2.1	34
8	Renal mass biopsy and thermal ablation: should biopsy be performed before or during the ablation procedure?. Abdominal Radiology, 2017, 42, 1773-1780.	2.1	29
9	Automated Volumetric Assessment by Noncontrast Computed Tomography in the Surveillance of Nephrolithiasis. Urology, 2012, 80, 27-31.	1.0	24
10	Tumor location does not impact oncologic outcomes for percutaneous microwave ablation of clinical T1a renal cell carcinoma. European Radiology, 2019, 29, 6319-6329.	4.5	23
11	Post-Procedure Evaluation of Microwave Ablations of Hepatocellular Carcinomas Using Electrode Displacement Elastography. Ultrasound in Medicine and Biology, 2016, 42, 2893-2902.	1.5	22
12	Safety and Efficacy of Percutaneous Microwave Hepatic Ablation Near the Heart. Journal of Vascular and Interventional Radiology, 2017, 28, 490-497.	0.5	22
13	Hepatic Tumor Ablation. Surgical Clinics of North America, 2016, 96, 315-339.	1.5	21
14	Comparing Outcomes for Patients with Clinical T1b Renal Cell Carcinoma Treated With Either Percutaneous Microwave Ablation or Surgery. Urology, 2020, 135, 88-94.	1.0	21
15	Risk Factors for Complications and Nondiagnostic Results following 1,155 Consecutive Percutaneous Core Renal Mass Biopsies. Journal of Urology, 2019, 201, 1080-1087.	0.4	19
16	Percutaneous biopsy in the abdomen and pelvis: a step-by-step approach. Abdominal Radiology, 2016, 41, 720-742.	2.1	17
17	Comparative Analysis of Surgery, Thermal Ablation, and Active Surveillance for Renal Oncocytic Neoplasms. Urology, 2018, 112, 92-97.	1.0	17
18	Stimulated echo based mapping (STEM) of T <sub>1</sub> , T <sub>2</sub> , and apparent diffusion coefficient: validation and protocol optimization. Magnetic Resonance in Medicine, 2019, 81, 167-181.	3.0	17

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19	Effect of hepatocyte-specific gadolinium-based contrast agents on hepatic fat-fraction and R2* on MRI. <i>Magnetic Resonance Imaging</i> , 2015, 33, 43-50.	1.8	16
20	Percutaneous Microwave Ablation of Renal Angiomyolipomas. <i>CardioVascular and Interventional Radiology</i> , 2016, 39, 433-440.	2.0	16
21	Microwave ablation for colorectal cancer metastasis to the liver: a single-center retrospective analysis. <i>Journal of Gastrointestinal Oncology</i> , 2021, 12, 1454-1469.	1.4	16
22	Quantitative diffusion MRI using reduced field-of-view and multi-shot acquisition techniques: Validation in phantoms and prostate imaging. <i>Magnetic Resonance Imaging</i> , 2018, 51, 173-181.	1.8	14
23	Delineation of Post-Procedure Ablation Regions with Electrode Displacement Elastography with a Comparison to Acoustic Radiation Force Impulse Imaging. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1953-1962.	1.5	13
24	Pharmacokinetics of Ferumoxytol in the Abdomen and Pelvis: A Dosing Study with 1.5- and 3.0-T MRI Relaxometry. <i>Radiology</i> , 2020, 294, 108-116.	7.3	13
25	Comparison of Displacement Tracking Algorithms for in Vivo Electrode Displacement Elastography. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 218-232.	1.5	12
26	Percutaneous microwave ablation for local control of metastatic renal cell carcinoma. <i>Abdominal Radiology</i> , 2018, 43, 2446-2454.	2.1	9
27	Development of a Risk-stratified Approach for Follow-up Imaging After Percutaneous Thermal Ablation of Sporadic Stage One Renal Cell Carcinoma. <i>Urology</i> , 2019, 134, 148-153.	1.0	7
28	Crossover comparison of ferumoxytol and gadobenate dimeglumine for abdominal MR angiography at 3.0 tesla: Effects of contrast bolus length and flip angle. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 1617-1626.	3.4	6
29	Stimulated-echo diffusion-weighted imaging with moderate b values for the detection of prostate cancer. <i>European Radiology</i> , 2020, 30, 3236-3244.	4.5	6
30	Long-Term Outcomes and Prognostic Factors in Kidney Transplant Recipients with Polycystic Kidney Disease. <i>Kidney360</i> , 2021, 2, 312-324.	2.1	6
31	CT and MR imaging surveillance of stage 1 renal cell carcinoma after microwave ablation. <i>Abdominal Radiology</i> , 2020, 45, 2810-2824.	2.1	5
32	Comprehensive non-invasive analysis of lower urinary tract anatomy using MRI. <i>Abdominal Radiology</i> , 2021, 46, 1670-1676.	2.1	5
33	Effect of iodinated contrast material on post-operative eGFR when administered during renal mass ablation. <i>European Radiology</i> , 2021, 31, 5490-5497.	4.5	5
34	Society of Abdominal Radiology disease-focused panel on renal cell carcinoma: update on past, current, and future goals. <i>Abdominal Radiology</i> , 2018, 43, 2213-2220.	2.1	4
35	Percutaneous Microwave Tumor Ablation Is Safe in Patients with Cardiovascular Implantable Electronic Devices: A Single-Institutional Retrospective Review. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 396-400.	0.5	4
36	Microwave Ablation of Adrenal Tumors in Patients With Continuous Intra-Arterial Blood Pressure Monitoring Without Prior Alpha-Adrenergic Blockade: Safety and Efficacy. <i>CardioVascular and Interventional Radiology</i> , 2020, 43, 1384-1391.	2.0	4

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37	Microwave Ablation of Renal Cell Carcinoma. Journal of Endourology, 2021, 35, S-33-S-37.	2.1	4
38	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.	1.9	4
39	Efficacy of percutaneous image-guided biopsy for diagnosis of intrahepatic cholangiocarcinoma. Abdominal Radiology, 2022, 47, 2647-2657.	2.1	3
40	Mri-based cancer lesion analysis with 3d printed patient specific prostate cutting guides. American Journal of Clinical and Experimental Urology, 2019, 7, 215-222.	0.4	3
41	Contrast-enhanced CT immediately following percutaneous microwave ablation of cT1a renal cell carcinoma: Optimizing cancer outcomes. Abdominal Radiology, 2022, 47, 2674-2680.	2.1	3
42	Should Active Surveillance Be the Treatment of Choice for Renal Oncocytic Neoplasms?. Journal of the American College of Surgeons, 2017, 225, e51.	0.5	1
43	Patterns of Initial Metastatic Recurrence After Surgery for High-Risk Nonmetastatic Renal Cell Carcinoma. Urology, 2020, 146, 152-157.	1.0	1
44	Differential Imaging of Liver Tumors before and after Microwave Ablation with Electrode Displacement Elastography. Ultrasound in Medicine and Biology, 2021, 47, 2138-2156.	1.5	1
45	Effect of Metabolic Syndrome on Anatomy and Function of the Lower Urinary Tract Assessed on MRI. Urology, 2022, 159, 176-181.	1.0	1
46	Advanced CT techniques for hepatic microwave ablation zone monitoring and follow-up. Abdominal Radiology, 2022, 47, 2658-2668.	2.1	1
47	Improved free-breathing liver fat and iron quantification using a 2D chemical shiftâ€‘encoded MRI with flip angle modulation and motion-corrected averaging. European Radiology, 2022, 32, 5458-5467.	4.5	1
48	Improved delineation rate of thermally ablated liver tumors with electrode displacement elastography compared to commercial acoustic radiation force impulse imaging. , 2017, , .		0
49	Delineation of microwave ablated hepatocellular carcinoma tumor regions using electrode displacement elastography. , 2017, , .		0
50	Primer on Percutaneous Ablation of Benign Liver Tumors. Clinical Liver Disease, 2018, 12, 69-73.	2.1	0
51	Preoperative predictors of biochemical recurrence in a phase II trial of neoadjuvant therapy in very high-risk prostate cancer.. Journal of Clinical Oncology, 2021, 39, 74-74.	1.6	0
52	Evolution of the Interventional Radiology (IR) Pathway-Various Changes and Interrelation to Diagnostic Radiology (DR). Academic Radiology, 2021, 28, 1253-1263.	2.5	0
53	Phase II trial of neoadjuvant chemohormonal therapy (NAC) in prostate cancer (PC) with response assessment using PSMA PET/MRI.. Journal of Clinical Oncology, 2020, 38, 334-334.	1.6	0
54	Lagrangian Deformation Tracking for Microwave Ablation Zones. , 2021, , .		0

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55	Combined mpMRI/US fusion targeted and concurrent standard biopsies in the detection of prostate cancer: a retrospective study. American Journal of Translational Research (discontinued), 2021, 13, 12107-12113.	0.0	0
56	Split-bolus CT urography after microwave ablation of renal cell carcinoma improves image quality and reduces radiation exposure. Abdominal Radiology, 2022, , 1.	2.1	0