Andrew D Smith

List of Publications by Year
in descending order

69 papers	2,469 citations	279487 23 h-index	205818 48 g-index
70 all docs	70 docs citations	70 times ranked	3294 citing authors

#	Article	IF	Citations
1	CT Texture Analysis: Definitions, Applications, Biologic Correlates, and Challenges. Radiographics, 2017, 37, 1483-1503.	1.4	585
2	Bosniak Classification of Cystic Renal Masses, Version 2019: An Update Proposal and Needs Assessment. Radiology, 2019, 292, 475-488.	3.6	278
3	Morphology, Attenuation, Size, and Structure (MASS) Criteria: Assessing Response and Predicting Clinical Outcome in Metastatic Renal Cell Carcinoma on Antiangiogenic Targeted Therapy. American Journal of Roentgenology, 2010, 194, 1470-1478.	1.0	216
4	Assessing Tumor Response and Detecting Recurrence in Metastatic Renal Cell Carcinoma on Targeted Therapy: Importance of Size and Attenuation on Contrast-Enhanced CT. American Journal of Roentgenology, 2010, 194, 157-165.	1.0	189
5	Bosniak Category IIF and III Cystic Renal Lesions: Outcomes and Associations. Radiology, 2012, 262, 152-160.	3.6	142
6	Liver Surface Nodularity Quantification from Routine CT Images as a Biomarker for Detection and Evaluation of Cirrhosis. Radiology, 2016, 280, 771-781.	3.6	91
7	Liver Surface Nodularity Score Allows Prediction of Cirrhosis Decompensation and Death. Radiology, 2017, 283, 711-722.	3.6	58
8	Outcomes, complications, and costs of care of Bosniak IIF, III, and IV cystic renal lesions/malignancies: Data from the largest multi-institutional study to date.. Journal of Clinical Oncology, 2013, 31, 344-344.	0.8	54
9	Predicting Overall Survival in Patients With Metastatic Melanoma on Antiangiogenic Therapy and RECIST Stable Disease on Initial Posttherapy Images Using CT Texture Analysis. American Journal of Roentgenology, 2015, 205, W283-W293.	1.0	51
10	CT imaging for acute aortic syndrome.. Cleveland Clinic Journal of Medicine, 2008, 75, 7-9.	0.6	43
11	Increased visceral to subcutaneous fat ratio is associated with decreased overall survival in patients with metastatic melanoma receiving anti-angiogenic therapy. Surgical Oncology, 2015, 24, 353-358.	0.8	37
12	Detection of liver fibrosis using qualitative and quantitative MR elastography compared to liver surface nodularity measurement, gadoxetic acid uptake, and serum markers. Journal of Magnetic Resonance Imaging, 2018, 47, 1552-1561.	1.9	36
13	ACR Appropriateness Criteria® Acute Pyelonephritis. Journal of the American College of Radiology, 2018, 15, S232-S239.	0.9	32
14	Role of Imaging in Renal Cell Carcinoma: A Multidisciplinary Perspective. Radiographics, 2021, 41, 1387-1407.	1.4	30
15	A Biochemical Characterization of the Adeno-associated Virus Rep40 Helicase. Journal of Biological Chemistry, 2003, 278, 34011-34017.	1.6	28
16	Cardiometabolic Effects of Chronic Hyperandrogenemia in a New Model of Postmenopausal Polycystic Ovary Syndrome. Endocrinology, 2016, 157, 2920-2927.	1.4	27
17	Reporting standards for the imaging-based diagnosis of renal masses on CT and MRI: a national survey of academic abdominal radiologists and urologists. Abdominal Radiology, 2017, 42, 1229-1240.	1.0	27
18	Development of a Clinical Prediction Model for Assessment of Malignancy Risk in Bosniak III Renal Lesions. Urology, 2013, 82, 630-635.	0.5	26

#	ARTICLE	IF	CITATIONS
19	Active Surveillance Versus Nephron-Sparing Surgery for a Bosniak IIF or III Renal Cyst: A Cost-Effectiveness Analysis. American Journal of Roentgenology, 2019, 212, 830-838.	1.0	26
20	Metastatic Melanoma: Lactate Dehydrogenase Levels and CT Imaging Findings of Tumor Devascularization Allow Accurate Prediction of Survival in Patients Treated with Bevacizumab. Radiology, 2014, 270, 425-434.	3.6	25
21	Feasibility and reproducibility of liver surface nodularity quantification for the assessment of liver cirrhosis using CT and MRI. European Journal of Radiology Open, 2017, 4, 95-100.	0.7	25
22	Screening of Bone Density at CT: An Overlooked Opportunity. Radiology, 2019, 291, 368-369.	3.6	24
23	Utilizing pre-therapy clinical schema and initial CT changes to predict progression-free survival in patients with metastatic renal cell carcinoma on VEGF-targeted therapy: A preliminary analysis. Urologic Oncology: Seminars and Original Investigations, 2013, 31, 1283-1291.	0.8	23
24	Vascular Tumor Burden as a New Quantitative CT Biomarker for Predicting Metastatic RCC Response to Antiangiogenic Therapy. Radiology, 2016, 281, 484-498.	3.6	22
25	Stereoscopic vascular models of the head and neck: A computed tomography angiography visualization. Anatomical Sciences Education, 2016, 9, 179-185.	2.5	22
26	Standardized report template for indeterminate renal masses at CT and MRI: a collaborative product of the SAR Disease-Focused Panel on Renal Cell Carcinoma. Abdominal Radiology, 2019, 44, 1423-1429.	1.0	22
27	Imaging for Response Assessment in Cancer Clinical Trials. Seminars in Nuclear Medicine, 2020, 50, 488-504.	2.5	22
28	ACR Appropriateness Criteria® Indeterminate Renal Mass. Journal of the American College of Radiology, 2020, 17, S415-S428.	0.9	19
29	Multi-institutional analysis of CT and MRI reports evaluating indeterminate renal masses: comparison to a national survey investigating desired report elements. Abdominal Radiology, 2018, 43, 3493-3502.	1.0	18
30	Increased plasma levels of soluble vascular endothelial growth factor receptor 1 (sFlt-1) in women by moderate exercise and increased plasma levels of vascular endothelial growth factor in overweight/obese women. European Journal of Cancer Prevention, 2013, 22, 83-89.	0.6	16
31	Diagnostic value of MRI-derived liver surface nodularity score for the non-invasive quantification of hepatic fibrosis in non-alcoholic fatty liver disease. European Radiology, 2021, 31, 256-263.	2.3	16
32	Gd-EOB-DTPA as a Functional MR Cholangiography Contrast Agent: Imaging Gallbladder Filling in Patients With and Without Hepatobiliary Dysfunction. Journal of Computer Assisted Tomography, 2011, 35, 439-445.	0.5	15
33	Visualization of stereoscopic anatomic models of the paranasal sinuses and cervical vertebrae from the surgical and procedural perspective. Anatomical Sciences Education, 2017, 10, 598-606.	2.5	15
34	Precision analysis of a quantitative CT liver surface nodularity score. Abdominal Radiology, 2018, 43, 3307-3316.	1.0	15
35	Lexicon for renal mass terms at CT and MRI: a consensus of the society of abdominal radiology disease-focused panel on renal cell carcinoma. Abdominal Radiology, 2021, 46, 703-722.	1.0	15
36	Update on the Role of Imaging in Clinical Staging and Restaging of Renal Cell Carcinoma Based on the AJCC 8th Edition, From the *AJR* Special Series on Cancer Staging. American Journal of Roentgenology, 2021, 217, 541-555.	1.0	15

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37	Enhancement of Recombinant Adeno-Associated Virus Type 2-Mediated Transgene Expression in a Lung Epithelial Cell Line by Inhibition of the Epidermal Growth Factor Receptor. Journal of Virology, 2003, 77, 6394-6404.	1.5	13
38	ACR Appropriateness Criteria Â® Renal TransplantÂDysfunction. Journal of the American College of Radiology, 2017, 14, S272-S281.	0.9	12
39	AAV Vector Delivery to Cells in Culture. , 2004, 246, 167-178.		10
40	Third-trimester in utero fetal brain diffusion tensor imaging fiber tractography: a prospective longitudinal characterization of normal white matter tract development. Pediatric Radiology, 2020, 50, 973-983.	1.1	10
41	Clinical Importance of Incidental Homogeneous Renal Masses That Measure 10â€"40 mm and 21â€"39 HU at Portal Venous Phase CT: A 12-Institution Retrospective Cohort Study. American Journal of Roentgenology, 2021, 217, 135-140.	1.0	10
42	Assessment of Renal Cell Carcinoma by Texture Analysis in Clinical Practice: A Six-Site, Six-Platform Analysis of Reliability. American Journal of Roentgenology, 2021, 217, 1132-1140.	1.0	10
43	Metastatic renal cell carcinoma imaging evaluation in the era of anti-angiogenic therapies. Abdominal Radiology, 2016, 41, 1086-1099.	1.0	9
44	Beating, Fast and Slow. New England Journal of Medicine, 2017, 377, 72-78.	13.9	9
45	Opportunistic bone density screening for the abdominal radiologist using colored CT images: a pilot retrospective study. Abdominal Radiology, 2019, 44, 775-782.	1.0	9
46	MR Imaging Texture Analysis in the Abdomen and Pelvis. Magnetic Resonance Imaging Clinics of North America, 2020, 28, 447-456.	0.6	8
47	ACR Appropriateness CriteriaÂ® Post-Treatment Follow-up and Active Surveillance of Clinically Localized Renal Cell Cancer. Journal of the American College of Radiology, 2019, 16, S399-S416.	0.9	7
48	Radiomics in Abdominopelvic Solid-Organ Oncologic Imaging: Current Status. American Journal of Roentgenology, 2022, 219, 985-995.	1.0	6
49	Multiinstitutional Evaluation of the Liver Surface Nodularity Score on CT for Staging Liver Fibrosis and Predicting Liver-Related Events in Patients With Hepatitis C. American Journal of Roentgenology, 2022, 218, 833-845.	1.0	5
50	Clinical utility of image-guided chest wall mass biopsy: results in 28 patients. Cancer Imaging, 2011, 11, 42-47.	1.2	4
51	Society of Abdominal Radiology disease-focused panel on renal cell carcinoma: update on past, current, and future goals. Abdominal Radiology, 2018, 43, 2213-2220.	1.0	4
52	Pancreatic Ductal Adenocarcinoma: Interface Enhancement Gradient Measured on Dual-Energy CT Images Improves Prognostic Evaluation. Radiology Imaging Cancer, 2020, 2, e190074.	0.7	4
53	Fatty Liver Disease: Artificial Intelligence Takes on the Challenge. Radiology, 2020, 295, 351-352.	3.6	4
54	Objective comparison of errors and report length between structured and freeform abdominopelvic computed tomography reports. Abdominal Radiology, 2021, 46, 387-393.	1.0	4

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55	Comparative Effectiveness of Tumor Response Assessment Methods: Standard of Care Versus Computer-Assisted Response Evaluation. JCO Clinical Cancer Informatics, 2017, 1, 1-16.	1.0	3
56	Ocular Toxicity Profile of ST-162 and ST-168 as Novel Bifunctional MEK/PI3K Inhibitors. Journal of Ocular Pharmacology and Therapeutics, 2018, 34, 477-485.	0.6	3
57	Enter the Era of Quantitative Liver CT. Radiology, 2018, 289, 708-709.	3.6	3
58	Approach to Renal Cystic Masses and the Role of Radiology. Radiologic Clinics of North America, 2020, 58, 897-907.	0.9	3
59	Automated Screening for Future Osteoporotic Fractures on Abdominal CT: Opportunistic or an Outstanding Opportunity?. Radiology, 2020, 297, 73-74.	3.6	3
60	Bosniak Classification Version 2019: Counterpoint—It's Complicated. American Journal of Roentgenology, 2022, 218, 421-422.	1.0	3
61	Regulation of Blood Pressure, Appetite, and Glucose by CNS Melanocortin System in Hyperandrogenemic Female SHR. American Journal of Hypertension, 2016, 29, 832-840.	1.0	2
62	Artificial Intelligence in Perioperative Medicine: A Proposed Common Language With Applications to FDA-Approved Devices. Frontiers in Digital Health, 2022, 4, 872675.	1.5	2
63	A tool to visualize and analyze perfusion data: Development and application of the R package "CTP". Computer Methods and Programs in Biomedicine, 2018, 153, 11-17.	2.6	1
64	Prospective validation of a rapid CT-based bone mineral density screening method using colored spinal images. Abdominal Radiology, 2021, 46, 1752-1760.	1.0	1
65	Predicting survival in metastatic RCC on sunitinib using MASS criteria: Evaluation of a large multicentered prospective phase III trial.. Journal of Clinical Oncology, 2013, 31, 407-407.	0.8	1
66	Artificial intelligence in gastrointestinal and hepatic imaging: past, present and future scopes. Clinical Imaging, 2022, 87, 43-53.	0.8	1
67	An Analysis of Internet Searches Performed on a Hospital System Homepage to Assess Search Patterns and Traffic Generated by Radiology-specific Terms. Current Problems in Diagnostic Radiology, 2021, 50, 784-786.	0.6	0
68	Norrie disease with a spontaneously shrinking choroid plexus abnormality: a case report. Ophthalmic Genetics, 2021, 42, 344-348.	0.5	0
69	Recurrence of hepatocellular carcinoma after liver transplantation: Comparison between superselective and non-superselective chemoembolization.. Journal of Clinical Oncology, 2013, 31, 238-238.	0.8	0