

# Vahid Yaghmai

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,155  
citations

279487

23  
h-index

243296

44  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Y90 Radioembolization Significantly Prolongs Time to Progression Compared With Chemoembolization in Patients With Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2016, 151, 1155-1163.e2.	0.6	498
2	Institutional decision to adopt Y90 as primary treatment for hepatocellular carcinoma informed by a 1,000-patient 15-year experience. <i>Hepatology</i> , 2018, 68, 1429-1440.	3.6	174
3	Imaging of the Urachus: Anomalies, Complications, and Mimics. <i>Radiographics</i> , 2016, 36, 2049-2063.	1.4	98
4	Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. <i>Abdominal Radiology</i> , 2018, 43, 218-230.	1.0	86
5	Alpha-fetoprotein response correlates with EASL response and survival in solitary hepatocellular carcinoma treated with transarterial therapies: A subgroup analysis. <i>Journal of Hepatology</i> , 2012, 56, 1112-1120.	1.8	82
6	CT of the Abdomen with Reduced Tube Voltage in Adults: A Practical Approach. <i>Radiographics</i> , 2015, 35, 1922-1939.	1.4	79
7	Imaging Assessment of Hepatocellular Carcinoma Response to Locoregional and Systemic Therapy. <i>American Journal of Roentgenology</i> , 2013, 201, 80-96.	1.0	73
8	Chemical Shift MR Imaging of the Adrenal Gland: Principles, Pitfalls, and Applications. <i>Radiographics</i> , 2016, 36, 414-432.	1.4	73
9	Response to Treatment Series: Part 2, Tumor Response Assessment—Using New and Conventional Criteria. <i>American Journal of Roentgenology</i> , 2011, 197, 18-27.	1.0	66
10	LI-RADS technical requirements for CT, MRI, and contrast-enhanced ultrasound. <i>Abdominal Radiology</i> , 2018, 43, 56-74.	1.0	58
11	Long-Term Hepatotoxicity of Yttrium-90 Radioembolization as Treatment of Metastatic Neuroendocrine Tumor to the Liver. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1520-1526.	0.2	57
12	Reproducibility of mRECIST in assessing response to transarterial radioembolization therapy in hepatocellular carcinoma. <i>Hepatology</i> , 2015, 62, 1111-1121.	3.6	51
13	Uncommon Intraluminal Tumors of the Gallbladder and Biliary Tract: Spectrum of Imaging Appearances. <i>Radiographics</i> , 2019, 39, 388-412.	1.4	50
14	Radioembolization for hepatocellular carcinoma: Statistical confirmation of improved survival in responders by landmark analyses. <i>Hepatology</i> , 2018, 67, 873-883.	3.6	41
15	Multidetector-row computed tomography diagnosis of small bowel obstruction: can coronal reformations replace axial images?. <i>Emergency Radiology</i> , 2006, 13, 69-72.	1.0	37
16	Differentiation of Papillary Renal Cell Carcinoma Subtypes on MRI: Qualitative and Texture Analysis. <i>American Journal of Roentgenology</i> , 2018, 211, 1234-1245.	1.0	34
17	Imaging of adrenal and renal hemorrhage. <i>Abdominal Imaging</i> , 2015, 40, 2747-2760.	2.0	33
18	Current Guidelines for the Diagnosis and Management of Hepatocellular Carcinoma: A Comparative Review. <i>American Journal of Roentgenology</i> , 2016, 207, W88-W98.	1.0	33

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19	Reactions to Both Nonionic Iodinated and Gadolinium-Based Contrast Media: Incidence and Clinical Characteristics. <i>American Journal of Roentgenology</i> , 2018, 210, 715-719.	1.0	33
20	Rapid wireless transmission of head CT images to a personal digital assistant for remote consultation. <i>Academic Radiology</i> , 2004, 11, 1291-1293.	1.3	30
21	Irreversible electroporation ablation overcomes tumor-associated immunosuppression to improve the efficacy of DC vaccination in a mice model of pancreatic cancer. <i>Oncolmmunology</i> , 2021, 10, 1875638.	2.1	27
22	Pictorial essay: imaging findings following Y90 radiation segmentectomy for hepatocellular carcinoma. <i>Abdominal Radiology</i> , 2018, 43, 1723-1738.	1.0	25
23	Comparison of Tin Filter-Based Spectral Shaping CT and Low-Dose Protocol for Detection of Urinary Calculi. <i>American Journal of Roentgenology</i> , 2019, 212, 808-814.	1.0	25
24	MRI-guided interventional natural killer cell delivery for liver tumor treatment. <i>Cancer Medicine</i> , 2018, 7, 1860-1869.	1.3	23
25	Preoperative prediction of perineural invasion and KRAS mutation in colon cancer using machine learning. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 3165-3174.	1.2	23
26	Evaluation of personal digital assistants as an interpretation medium for computed tomography of patients with intracranial injury. <i>Emergency Radiology</i> , 2003, 10, 87-89.	1.0	21
27	Intraductal papillary mucinous neoplasm (IPMN) of the pancreas: recommendations for Standardized Imaging and Reporting from the Society of Abdominal Radiology IPMN disease focused panel. <i>Abdominal Radiology</i> , 2021, 46, 1586-1606.	1.0	21
28	Dual-energy CT evaluation of gastrointestinal bleeding. <i>Abdominal Radiology</i> , 2020, 45, 1-14.	1.0	20
29	Preoperative assessment of lymph node metastasis in Colon Cancer patients using machine learning: a pilot study. <i>Cancer Imaging</i> , 2020, 20, 30.	1.2	18
30	Morphological Analysis of Pancreatic Cystic Masses. <i>Academic Radiology</i> , 2010, 17, 348-351.	1.3	17
31	Pulsatility Imaging of Saccular Aneurysm Model by 64-Slice CT with Dynamic Multiscan Technique. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 785-788.	0.2	16
32	MRI radiomics for early prediction of response to vaccine therapy in a transgenic mouse model of pancreatic ductal adenocarcinoma. <i>Journal of Translational Medicine</i> , 2020, 18, 61.	1.8	13
33	Artificial intelligence in assessment of hepatocellular carcinoma treatment response. <i>Abdominal Radiology</i> , 2021, 46, 3660-3671.	1.0	13
34	Tumor Growth Kinetics Versus RECIST to Assess Response to Locoregional Therapy in Breast Cancer Liver Metastases. <i>Academic Radiology</i> , 2014, 21, 950-957.	1.3	11
35	Prophylactic dendritic cell vaccination controls pancreatic cancer growth in a mouse model. <i>Cytotherapy</i> , 2020, 22, 6-15.	0.3	11
36	Radiomics signature for the preoperative assessment of stage in advanced colon cancer. <i>American Journal of Cancer Research</i> , 2019, 9, 1429-1438.	1.4	11

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37	Performance of tumor growth kinetics as an imaging biomarker for response assessment in colorectal liver metastases: correlation with FDG PET. <i>Abdominal Imaging</i> , 2015, 40, 3043-3051.	2.0	10
38	How to Manage Allergic Reactions to Contrast Agent in Pregnant Patients. <i>American Journal of Roentgenology</i> , 2016, 206, 247-252.	1.0	10
39	<sup>18</sup> F-FDG PET Biomarkers Help Detect Early Metabolic Response to Irreversible Electroporation and Predict Therapeutic Outcomes in a Rat Liver Tumor Model. <i>Radiology</i> , 2018, 287, 137-145.	3.6	8
40	Detection of Immunotherapeutic Response in a Transgenic Mouse Model of Pancreatic Ductal Adenocarcinoma Using Multiparametric MRI Radiomics: A Preliminary Investigation. <i>Academic Radiology</i> , 2020, 28, e147-e154.	1.3	8
41	Mouse dendritic cell migration in abdominal lymph nodes by intraperitoneal administration. <i>American Journal of Translational Research (discontinued)</i> , 2018, 10, 2859-2867.	0.0	8
42	Establishment of a new non-invasive imaging prediction model for liver metastasis in colon cancer. <i>American Journal of Cancer Research</i> , 2019, 9, 2482-2492.	1.4	8
43	Threshold for Enhancement in Treated Hepatocellular Carcinoma on MDCT: Effect on Necrosis Quantification. <i>American Journal of Roentgenology</i> , 2016, 206, 536-543.	1.0	7
44	Diffusion-Weighted MR Imaging to Evaluate Immediate Response to Irreversible Electroporation in a Rabbit VX2 Liver Tumor Model. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1863-1869.	0.2	7
45	Non-invasive dynamic monitoring initiation and growth of pancreatic tumor in the LSL-KrasG12D/+;LSL-Trp53R172H/+;Pdx-1-Cre (KPC) transgenic mouse model. <i>Journal of Immunological Methods</i> , 2019, 465, 1-6.	0.6	6
46	MRI Assessment of Associations between Brown Adipose Tissue and Cachexia in Murine Pancreatic Ductal Adenocarcinoma. <i>Internal Medicine: Open Access</i> , 2019, 09, .	0.0	6
47	Preclinical and clinical evaluation of the liver tumor irreversible electroporation by magnetic resonance imaging. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 580-590.	0.0	6
48	Diffusion MRI biomarkers predict the outcome of irreversible electroporation in a pancreatic tumor mouse model. <i>American Journal of Cancer Research</i> , 2018, 8, 1615-1623.	1.4	6
49	Magnetic resonance imaging monitoring therapeutic response to dendritic cell vaccine in murine orthotopic pancreatic cancer models. <i>American Journal of Cancer Research</i> , 2019, 9, 562-573.	1.4	6
50	Natural killer cell-based adoptive transfer immunotherapy for pancreatic ductal adenocarcinoma in a mouse model. <i>American Journal of Cancer Research</i> , 2019, 9, 1757-1765.	1.4	6
51	A Multimodal Nanocomposite for Biomedical Imaging. <i>AIP Conference Proceedings</i> , 2011, 1365, 379.	0.3	5
52	Application of Iterative Metal Artifact Reduction Algorithm to CT Urography for Patients With Hip Prostheses. <i>American Journal of Roentgenology</i> , 2020, 214, 137-143.	1.0	5
53	Transcatheter intra-arterial perfusion (TRIP) MRI biomarkers help detect immediate response to irreversible electroporation of rabbit VX2 liver tumor. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 365-374.	1.9	5
54	Association Between the Size and 3D CT-Based Radiomic Features of Breast Cancer Hepatic Metastasis. <i>Academic Radiology</i> , 2021, 28, e93-e100.	1.3	5

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55	Combination of natural killer cell-based immunotherapy and irreversible electroporation for the treatment of hepatocellular carcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 1089-1089.	0.7	5
56	Dendritic cell immunotherapy induces anti-tumor effect in a transgenic mouse model of pancreatic ductal adenocarcinoma. <i>American Journal of Cancer Research</i> , 2019, 9, 2456-2468.	1.4	5
57	An Extremely Rapid Case of Pneumonitis with the Use of Nivolumab for Pancreatic Adenocarcinoma. <i>Case Reports in Oncological Medicine</i> , 2018, 2018, 1-5.	0.2	4
58	Society of Abdominal Radiology Disease Focused Panel Survey on Clinical Utilization of Incidental Pancreatic Cyst Management Recommendations and Template Reporting. <i>Journal of the American College of Radiology</i> , 2021, 18, 1324-1331.	0.9	4
59	DWI and DCE-MRI approaches for differentiating reversibly electroporated penumbra from irreversibly electroporated ablation zones in a rabbit liver model. <i>American Journal of Cancer Research</i> , 2019, 9, 1982-1994.	1.4	4
60	Impact of beta-blockade premedication on image quality of ECG-gated thoracic aorta CT angiography. <i>Acta Radiologica</i> , 2014, 55, 1180-1185.	0.5	3
61	Premedication of pregnant patients with history of iodinated contrast allergy. <i>Abdominal Radiology</i> , 2016, 41, 2424-2428.	1.0	3
62	Integration of fully automated computer-aided pulmonary nodule detection into CT pulmonary angiography studies in the emergency department: effect on workflow and diagnostic accuracy. <i>Emergency Radiology</i> , 2019, 26, 609-614.	1.0	3
63	Transcatheter Intraarterial Perfusion MRI Approaches to Differentiate Reversibly Electroporated Penumbra From Irreversibly Electroporated Zones in Rabbit Liver. <i>Academic Radiology</i> , 2020, 27, 1727-1733.	1.3	3
64	Feasibility of sub-second CT angiography of the abdomen and pelvis with very low volume of contrast media, low tube voltage, and high-pitch technique, on a third-generation dual-source CT scanner. <i>Clinical Imaging</i> , 2021, 82, 15-20.	0.8	3
65	Team Approach to Improving Radiologist Wellness: A Case-Based Methodology. <i>Current Problems in Diagnostic Radiology</i> , 2022, 51, 806-812.	0.6	3
66	Early Differentiation of Irreversible Electroporation Ablation Regions With Radiomics Features of Conventional MRI. <i>Academic Radiology</i> , 2022, 29, 1378-1386.	1.3	3
67	Reinforcing the Importance and Feasibility of Implementing a Low-dose Protocol for CT-guided Biopsies. <i>Academic Radiology</i> , 2018, 25, 1146-1151.	1.3	2
68	Image-guided dendritic cell-based vaccine immunotherapy in murine carcinoma models. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 4564-4573.	0.0	2
69	Effect of route of administration on the efficacy of dendritic cell vaccine in PDAC mice. <i>American Journal of Cancer Research</i> , 2020, 10, 3911-3919.	1.4	2
70	<p>Intraprocedural Transcatheter Intraarterial Perfusion (TRIP)-MRI for Evaluation of Irreversible Electroporation Therapy Response in a Rabbit Liver Tumor Model</p>. <i>Clinical and Experimental Gastroenterology</i> , 2020, Volume 13, 543-553.	1.0	1
71	Dinaciclib prolongs survival in the ; ; (KPC) transgenic murine models of pancreatic ductal adenocarcinoma. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 1031-1043.	0.0	1
72	Prediction of therapeutic outcome and survival in a transgenic mouse model of pancreatic ductal adenocarcinoma treated with dendritic cell vaccination or CDK inhibitor using MRI texture: a feasibility study. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 2201-2211.	0.0	1

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73	Loss of intratumoral macroscopic fat in renal angiomyolipoma following chemoradiation therapy for pancreatic cancer. <i>BJR   case Reports</i> , 2017, 3, 20150439.	0.1	0
74	Imaging features of immune-mediated genitourinary disease. <i>Abdominal Radiology</i> , 2019, 44, 2217-2232.	1.0	0
75	Introduction to the special section on hepatocellular carcinoma treatment response. <i>Abdominal Radiology</i> , 2021, 46, 3527-3527.	1.0	0