Vahid Yaghmai

List of Publications by Year
in descending order

75	2,155	279798	243625
papers	citations	23 h-index	44 g-index

80	80	80	2959
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Y90 Radioembolization Significantly Prolongs Time to Progression Compared With Chemoembolization in Patients WithÂHepatocellular Carcinoma. Gastroenterology, 2016, 151, 1155-1163.e2.	1.3	498
2	Institutional decision to adopt Y90 as primary treatment for hepatocellular carcinoma informed by a 1,000â€patient 15â€year experience. Hepatology, 2018, 68, 1429-1440.	7.3	174
3	Imaging of the Urachus: Anomalies, Complications, and Mimics. Radiographics, 2016, 36, 2049-2063.	3.3	98
4	Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. Abdominal Radiology, 2018, 43, 218-230.	2.1	86
5	Alpha-fetoprotein response correlates with EASL response and survival in solitary hepatocellular carcinoma treated with transarterial therapies: A subgroup analysis. Journal of Hepatology, 2012, 56, 1112-1120.	3.7	82
6	CT of the Abdomen with Reduced Tube Voltage in Adults: A Practical Approach. Radiographics, 2015, 35, 1922-1939.	3.3	79
7	Imaging Assessment of Hepatocellular Carcinoma Response to Locoregional and Systemic Therapy. American Journal of Roentgenology, 2013, 201, 80-96.	2.2	73
8	Chemical Shift MR Imaging of the Adrenal Gland: Principles, Pitfalls, and Applications. Radiographics, 2016, 36, 414-432.	3.3	73
9	Response to Treatment Series: Part 2, Tumor Response Assessmentâ€”Using New and Conventional Criteria. American Journal of Roentgenology, 2011, 197, 18-27.	2.2	66
10	LI-RADS technical requirements for CT, MRI, and contrast-enhanced ultrasound. Abdominal Radiology, 2018, 43, 56-74.	2.1	58
11	Long-Term Hepatotoxicity of Yttrium-90 Radioembolization as Treatment of Metastatic Neuroendocrine Tumor toÂtheÂLiver. Journal of Vascular and Interventional Radiology, 2017, 28, 1520-1526.	0.5	57
12	Reproducibility of mRECIST in assessing response to transarterial radioembolization therapy in hepatocellular carcinoma. Hepatology, 2015, 62, 1111-1121.	7.3	51
13	Uncommon Intraluminal Tumors of the Gallbladder and Biliary Tract: Spectrum of Imaging Appearances. Radiographics, 2019, 39, 388-412.	3.3	50
14	Radioembolization for hepatocellular carcinoma: Statistical confirmation of improved survival in responders by landmark analyses. Hepatology, 2018, 67, 873-883.	7.3	41
15	Multidetector-row computed tomography diagnosis of small bowel obstruction: can coronal reformations replace axial images?. Emergency Radiology, 2006, 13, 69-72.	1.8	37
16	Differentiation of Papillary Renal Cell Carcinoma Subtypes on MRI: Qualitative and Texture Analysis. American Journal of Roentgenology, 2018, 211, 1234-1245.	2.2	34
17	Imaging of adrenal and renal hemorrhage. Abdominal Imaging, 2015, 40, 2747-2760.	2.0	33
18	Current Guidelines for the Diagnosis and Management of Hepatocellular Carcinoma: A Comparative Review. American Journal of Roentgenology, 2016, 207, W88-W98.	2.2	33

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19	Reactions to Both Nonionic Iodinated and Gadolinium-Based Contrast Media: Incidence and Clinical Characteristics. American Journal of Roentgenology, 2018, 210, 715-719.	2.2	33
20	Rapid wireless transmission of head CT images to a personal digital assistant for remote consultation1. Academic Radiology, 2004, 11, 1291-1293.	2.5	30
21	Irreversible electroporation ablation overcomes tumor-associated immunosuppression to improve the efficacy of DC vaccination in a mice model of pancreatic cancer. OncoImmunology, 2021, 10, 1875638.	4.6	27
22	Pictorial essay: imaging findings following Y90 radiation segmentectomy for hepatocellular carcinoma. Abdominal Radiology, 2018, 43, 1723-1738.	2.1	25
23	Comparison of Tin Filterâ€"Based Spectral Shaping CT and Low-Dose Protocol for Detection of Urinary Calculi. American Journal of Roentgenology, 2019, 212, 808-814.	2.2	25
24	<scp>MRI</scp>â€guided interventional natural killer cell delivery for liver tumor treatment. Cancer Medicine, 2018, 7, 1860-1869.	2.8	23
25	Preoperative prediction of perineural invasion and KRAS mutation in colon cancer using machine learning. Journal of Cancer Research and Clinical Oncology, 2020, 146, 3165-3174.	2.5	23
26	Evaluation of personal digital assistants as an interpretation medium for computed tomography of patients with intracranial injury. Emergency Radiology, 2003, 10, 87-89.	1.8	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. Abdominal Radiology, 2021, 46, 1586-1606.	2.1	21
28	Dual-energy CT evaluation of gastrointestinal bleeding. Abdominal Radiology, 2020, 45, 1-14.	2.1	20
29	Preoperative assessment of lymph node metastasis in Colon Cancer patients using machine learning: a pilot study. Cancer Imaging, 2020, 20, 30.	2.8	18
30	Morphological Analysis of Pancreatic Cystic Masses. Academic Radiology, 2010, 17, 348-351.	2.5	17
31	Pulsatility Imaging of Saccular Aneurysm Model by 64-Slice CT with Dynamic Multiscan Technique. Journal of Vascular and Interventional Radiology, 2007, 18, 785-788.	0.5	16
32	MRI radiomics for early prediction of response to vaccine therapy in a transgenic mouse model of pancreatic ductal adenocarcinoma. Journal of Translational Medicine, 2020, 18, 61.	4.4	13
33	Artificial intelligence in assessment of hepatocellular carcinoma treatment response. Abdominal Radiology, 2021, 46, 3660-3671.	2.1	13
34	Tumor Growth Kinetics Versus RECIST to Assess Response to Locoregional Therapy in Breast Cancer Liver Metastases. Academic Radiology, 2014, 21, 950-957.	2.5	11
35	Prophylactic dendritic cell vaccination controls pancreatic cancer growth in a mouse model. Cytotherapy, 2020, 22, 6-15.	0.7	11
36	Radiomics signature for the preoperative assessment of stage in advanced colon cancer. American Journal of Cancer Research, 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. Abdominal Imaging, 2015, 40, 3043-3051.	2.0	10
38	How to Manage Allergic Reactions to Contrast Agent in Pregnant Patients. American Journal of Roentgenology, 2016, 206, 247-252.	2.2	10
39	¹⁸F-FDG PET Biomarkers Help Detect Early Metabolic Response to Irreversible Electroporation and Predict Therapeutic Outcomes in a Rat Liver Tumor Model. Radiology, 2018, 287, 137-145.	7.3	8
40	Detection of Immunotherapeutic Response in a Transgenic Mouse Model of Pancreatic Ductal Adenocarcinoma Using Multiparametric MRI Radiomics: A Preliminary Investigation. Academic Radiology, 2020, 28, e147-e154.	2.5	8
41	Mouse dendritic cell migration in abdominal lymph nodes by intraperitoneal administration. American Journal of Translational Research (discontinued), 2018, 10, 2859-2867.	0.0	8
42	Establishment of a new non-invasive imaging prediction model for liver metastasis in colon cancer. American Journal of Cancer Research, 2019, 9, 2482-2492.	1.4	8
43	Threshold for Enhancement in Treated Hepatocellular Carcinoma on MDCT: Effect on Necrosis Quantification. American Journal of Roentgenology, 2016, 206, 536-543.	2.2	7
44	Diffusion-Weighted MR Imaging to Evaluate Immediate Response to Irreversible Electroporation in a Rabbit VX2 Liver Tumor Model. Journal of Vascular and Interventional Radiology, 2019, 30, 1863-1869.	0.5	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. Journal of Immunological Methods, 2019, 465, 1-6.	1.4	6
46	MRI Assessment of Associations between Brown Adipose Tissue and Cachexia in Murine Pancreatic Ductal Adenocarcinoma. Internal Medicine: Open Access, 2019, 09, .	0.0	6
47	Preclinical and clinical evaluation of the liver tumor irreversible electroporation by magnetic resonance imaging. American Journal of Translational Research (discontinued), 2017, 9, 580-590.	0.0	6
48	Diffusion MRI biomarkers predict the outcome of irreversible electroporation in a pancreatic tumor mouse model. American Journal of Cancer Research, 2018, 8, 1615-1623.	1.4	6
49	Magnetic resonance imaging monitoring therapeutic response to dendritic cell vaccine in murine orthotopic pancreatic cancer models. American Journal of Cancer Research, 2019, 9, 562-573.	1.4	6
50	Natural killer cell-based adoptive transfer immunotherapy for pancreatic ductal adenocarcinoma in a mouse model. American Journal of Cancer Research, 2019, 9, 1757-1765.	1.4	6
51	A Multimodal Nanocomposite for Biomedical Imaging. AIP Conference Proceedings, 2011, 1365, 379.	0.4	5
52	Application of Iterative Metal Artifact Reduction Algorithm to CT Urography for Patients With Hip Prostheses. American Journal of Roentgenology, 2020, 214, 137-143.	2.2	5
53	Transcatheter intraâ€arterial perfusion (TRIP)â€MRI biomarkers help detect immediate response to irreversible electroporation of rabbit VX2 liver tumor. Magnetic Resonance in Medicine, 2020, 84, 365-374.	3.0	5
54	Association Between the Size and 3D CT-Based Radiomic Features of Breast Cancer Hepatic Metastasis. Academic Radiology, 2021, 28, e93-e100.	2.5	5

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55	Combination of natural killer cell-based immunotherapy and irreversible electroporation for the treatment of hepatocellular carcinoma. Annals of Translational Medicine, 2021, 9, 1089-1089.	1.7	5
56	Dendritic cell immunotherapy induces anti-tumor effect in a transgenic mouse model of pancreatic ductal adenocarcinoma. American Journal of Cancer Research, 2019, 9, 2456-2468.	1.4	5
57	An Extremely Rapid Case of Pneumonitis with the Use of Nivolumab for Pancreatic Adenocarcinoma. Case Reports in Oncological Medicine, 2018, 2018, 1-5.	0.3	4
58	Society of Abdominal Radiology Disease Focused Panel Survey on Clinical Utilization of Incidental Pancreatic Cyst Management Recommendations and Template Reporting. Journal of the American College of Radiology, 2021, 18, 1324-1331.	1.8	4
59	DWI and DCE-MRI approaches for differentiating reversibly electroporated penumbra from irreversibly electroporated ablation zones in a rabbit liver model. American Journal of Cancer Research, 2019, 9, 1982-1994.	1.4	4
60	Impact of beta-blockade premedication on image quality of ECG-gated thoracic aorta CT angiography. Acta Radiologica, 2014, 55, 1180-1185.	1.1	3
61	Premedication of pregnant patients with history of iodinated contrast allergy. Abdominal Radiology, 2016, 41, 2424-2428.	2.1	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. Emergency Radiology, 2019, 26, 609-614.	1.8	3
63	Transcatheter Intraarterial Perfusion MRI Approaches to Differentiate Reversibly Electroporated Penumbra From Irreversibly Electroporated Zones in Rabbit Liver. Academic Radiology, 2020, 27, 1727-1733.	2.5	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. Clinical Imaging, 2021, 82, 15-20.	1.5	3
65	Team Approach to Improving Radiologist Wellness: A Case-Based Methodology. Current Problems in Diagnostic Radiology, 2022, 51, 806-812.	1.4	3
66	Early Differentiation of Irreversible Electroporation Ablation Regions With Radiomics Features of Conventional MRI. Academic Radiology, 2022, 29, 1378-1386.	2.5	3
67	Reinforcing the Importance and Feasibility of Implementing a Low-dose Protocol for CT-guided Biopsies. Academic Radiology, 2018, 25, 1146-1151.	2.5	2
68	Image-guided dendritic cell-based vaccine immunotherapy in murine carcinoma models. American Journal of Translational Research (discontinued), 2017, 9, 4564-4573.	0.0	2
69	Effect of route of administration on the efficacy of dendritic cell vaccine in PDAC mice. American Journal of Cancer Research, 2020, 10, 3911-3919.	1.4	2
70	Intraprocedural Transcatheter Intraarterial Perfusion (TRIP)-MRI for Evaluation of Irreversible Electroporation Therapy Response in a Rabbit Liver Tumor Model . Clinical and Experimental Gastroenterology, 2020, Volume 13, 543-553.	2.3	1
71	Dinaciclib prolongs survival in the ; ; (KPC) transgenic murine models of pancreatic ductal adenocarcinoma. American Journal of Translational Research (discontinued), 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. American Journal of Translational Research (discontinued), 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. BJR|case Reports, 2017, 3, 20150439.	0.2	0
74	Imaging features of immune-mediated genitourinary disease. Abdominal Radiology, 2019, 44, 2217-2232.	2.1	0
75	Introduction to the special section on hepatocellular carcinoma treatment response. Abdominal Radiology, 2021, 46, 3527-3527.	2.1	0