# 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 | Team Approach to Improving Radiologist Wellness: A Case-Based Methodology. Current Problems in Diagnostic Radiology, 2022, 51, 806-812. | 1.4 | 3 |
| 2 | Early Differentiation of Irreversible Electroporation Ablation Regions With Radiomics Features of Conventional MRI. Academic Radiology, 2022, 29, 1378-1386. | 2.5 | 3 |
| 3 | Association Between the Size and 3D CT-Based Radiomic Features of Breast Cancer Hepatic Metastasis. Academic Radiology, 2021, 28, e93-e100. | 2.5 | 5 |
| 4 | 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 |
| 5 | 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 |
| 6 | Artificial intelligence in assessment of hepatocellular carcinoma treatment response. Abdominal Radiology, 2021, 46, 3660-3671. | 2.1 | 13 |
| 7 | Introduction to the special section on hepatocellular carcinoma treatment response. Abdominal Radiology, 2021, 46, 3527-3527. | 2.1 | 0 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Dual-energy CT evaluation of gastrointestinal bleeding. Abdominal Radiology, 2020, 45, 1-14. | 2.1 | 20 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Prophylactic dendritic cell vaccination controls pancreatic cancer growth in a mouse model. Cytotherapy, 2020, 22, 6-15. | 0.7 | 11 |

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|---|---|---|---|
| 19 | Preoperative assessment of lymph node metastasis in Colon Cancer patients using machine learning: a pilot study. Cancer Imaging, 2020, 20, 30. | 2.8 | 18 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Uncommon Intraluminal Tumors of the Gallbladder and Biliary Tract: Spectrum of Imaging Appearances. Radiographics, 2019, 39, 388-412. | 3.3 | 50 |
| 26 | 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 |
| 27 | Imaging features of immune-mediated genitourinary disease. Abdominal Radiology, 2019, 44, 2217-2232. | 2.1 | 0 |
| 28 | 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 |
| 29 | 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 |
| 30 | MRI Assessment of Associations between Brown Adipose Tissue and Cachexia in Murine Pancreatic Ductal Adenocarcinoma. Internal Medicine: Open Access, 2019, 09, . | 0.0 | 6 |
| 31 | 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 |
| 32 | Radiomics signature for the preoperative assessment of stage in advanced colon cancer. American Journal of Cancer Research, 2019, 9, 1429-1438. | 1.4 | 11 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | <scp>MRI</scp>â€guided interventional natural killer cell delivery for liver tumor treatment. Cancer Medicine, 2018, 7, 1860-1869. | 2.8 | 23 |
| 38 | 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 |
| 39 | LI-RADS technical requirements for CT, MRI, and contrast-enhanced ultrasound. Abdominal Radiology, 2018, 43, 56-74. | 2.1 | 58 |
| 40 | Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. Abdominal Radiology, 2018, 43, 218-230. | 2.1 | 86 |
| 41 | <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. Radiology, 2018, 287, 137-145. | 7.3 | 8 |
| 42 | 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 |
| 43 | Pictorial essay: imaging findings following Y90 radiation segmentectomy for hepatocellular carcinoma. Abdominal Radiology, 2018, 43, 1723-1738. | 2.1 | 25 |
| 44 | Radioembolization for hepatocellular carcinoma: Statistical confirmation of improved survival in responders by landmark analyses. Hepatology, 2018, 67, 873-883. | 7.3 | 41 |
| 45 | Differentiation of Papillary Renal Cell Carcinoma Subtypes on MRI: Qualitative and Texture Analysis. American Journal of Roentgenology, 2018, 211, 1234-1245. | 2.2 | 34 |
| 46 | 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 |
| 47 | Reinforcing the Importance and Feasibility of Implementing a Low-dose Protocol for CT-guided Biopsies. Academic Radiology, 2018, 25, 1146-1151. | 2.5 | 2 |
| 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 | Mouse dendritic cell migration in abdominal lymph nodes by intraperitoneal administration. American Journal of Translational Research (discontinued), 2018, 10, 2859-2867. | 0.0 | 8 |
| 50 | 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 |
| 51 | Loss of intratumoral macroscopic fat in renal angiomyolipoma following chemoradiation therapy for pancreatic cancer. BJR\|case Reports, 2017, 3, 20150439. | 0.2 | 0 |
| 52 | 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 |
| 53 | Image-guided dendritic cell-based vaccine immunotherapy in murine carcinoma models. American Journal of Translational Research (discontinued), 2017, 9, 4564-4573. | 0.0 | 2 |
| 54 | Premedication of pregnant patients with history of iodinated contrast allergy. Abdominal Radiology, 2016, 41, 2424-2428. | 2.1 | 3 |

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|---|---|---|---|
| 55 | Current Guidelines for the Diagnosis and Management of Hepatocellular Carcinoma: A Comparative Review. American Journal of Roentgenology, 2016, 207, W88-W98. | 2.2 | 33 |
| 56 | Y90 Radioembolization Significantly Prolongs Time to Progression Compared With Chemoembolization in Patients WithÂHepatocellular Carcinoma. Gastroenterology, 2016, 151, 1155-1163.e2. | 1.3 | 498 |
| 57 | Imaging of the Urachus: Anomalies, Complications, and Mimics. Radiographics, 2016, 36, 2049-2063. | 3.3 | 98 |
| 58 | How to Manage Allergic Reactions to Contrast Agent in Pregnant Patients. American Journal of Roentgenology, 2016, 206, 247-252. | 2.2 | 10 |
| 59 | Chemical Shift MR Imaging of the Adrenal Gland: Principles, Pitfalls, and Applications. Radiographics, 2016, 36, 414-432. | 3.3 | 73 |
| 60 | Threshold for Enhancement in Treated Hepatocellular Carcinoma on MDCT: Effect on Necrosis Quantification. American Journal of Roentgenology, 2016, 206, 536-543. | 2.2 | 7 |
| 61 | Reproducibility of mRECIST in assessing response to transarterial radioembolization therapy in hepatocellular carcinoma. Hepatology, 2015, 62, 1111-1121. | 7.3 | 51 |
| 62 | Imaging of adrenal and renal hemorrhage. Abdominal Imaging, 2015, 40, 2747-2760. | 2.0 | 33 |
| 63 | 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 |
| 64 | CT of the Abdomen with Reduced Tube Voltage in Adults: A Practical Approach. Radiographics, 2015, 35, 1922-1939. | 3.3 | 79 |
| 65 | 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 |
| 66 | Impact of beta-blockade premedication on image quality of ECG-gated thoracic aorta CT angiography. Acta Radiologica, 2014, 55, 1180-1185. | 1.1 | 3 |
| 67 | Imaging Assessment of Hepatocellular Carcinoma Response to Locoregional and Systemic Therapy. American Journal of Roentgenology, 2013, 201, 80-96. | 2.2 | 73 |
| 68 | 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 |
| 69 | A Multimodal Nanocomposite for Biomedical Imaging. AIP Conference Proceedings, 2011, 1365, 379. | 0.4 | 5 |
| 70 | 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 |
| 71 | Morphological Analysis of Pancreatic Cystic Masses. Academic Radiology, 2010, 17, 348-351. | 2.5 | 17 |
| 72 | 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 |

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|---|---|---|---|
| 73 | Multidetector-row computed tomography diagnosis of small bowel obstruction: can coronal reformations replace axial images?. Emergency Radiology, 2006, 13, 69-72. | 1.8 | 37 |
| 74 | Rapid wireless transmission of head CT images to a personal digital assistant for remote consultation1. Academic Radiology, 2004, 11, 1291-1293. | 2.5 | 30 |
| 75 | 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 |