

Richard K Do

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

8,610
citations

71061

41
h-index

46771

89
g-index

120
all docs

120
docs citations

120
times ranked

9973
citing authors

#	ARTICLE	IF	CITATIONS
1	Convolutional neural networks: an overview and application in radiology. Insights Into Imaging, 2018, 9, 611-629.	1.6	2,388
2	Liver Imaging Reporting and Data System (LI-RADS) Version 2018: Imaging of Hepatocellular Carcinoma in At-Risk Patients. Radiology, 2018, 289, 816-830.	3.6	634
3	Attenuation of Apoptosis Underlies B Lymphocyte Stimulator Enhancement of Humoral Immune Response. Journal of Experimental Medicine, 2000, 192, 953-964.	4.2	394
4	Prospective Genotyping of Hepatocellular Carcinoma: Clinical Implications of Next-Generation Sequencing for Matching Patients to Targeted and Immune Therapies. Clinical Cancer Research, 2019, 25, 2116-2126.	3.2	390
5	Randomized Trial of Hepatic Artery Embolization for Hepatocellular Carcinoma Using Doxorubicin-Eluting Microspheres Compared With Embolization With Microspheres Alone. Journal of Clinical Oncology, 2016, 34, 2046-2053.	0.8	307
6	The Medical Segmentation Decathlon. Nature Communications, 2022, 13, .	5.8	252
7	Evidence Supporting LI-RADS Major Features for CT- and MR Imaging-based Diagnosis of Hepatocellular Carcinoma: A Systematic Review. Radiology, 2018, 286, 29-48.	3.6	230
8	2017 Version of LI-RADS for CT and MR Imaging: An Update. Radiographics, 2017, 37, 1994-2017.	1.4	185
9	Observation versus Resection for Small Asymptomatic Pancreatic Neuroendocrine Tumors: A Matched Case-control Study. Annals of Surgical Oncology, 2016, 23, 1361-1370.	0.7	148
10	Unresectable intrahepatic cholangiocarcinoma: Systemic plus hepatic arterial infusion chemotherapy is associated with longer survival in comparison with systemic chemotherapy alone. Cancer, 2016, 122, 758-765.	2.0	138
11	Isoform Switching as a Mechanism of Acquired Resistance to Mutant Isocitrate Dehydrogenase Inhibition. Cancer Discovery, 2018, 8, 1540-1547.	7.7	138
12	Background, current role, and potential applications of radiogenomics. Journal of Magnetic Resonance Imaging, 2018, 47, 604-620.	1.9	137
13	Intravoxel Incoherent Motion-derived Histogram Metrics for Assessment of Response after Combined Chemotherapy and Radiation Therapy in Rectal Cancer: Initial Experience and Comparison between Single-Section and Volumetric Analyses. Radiology, 2016, 280, 446-454.	3.6	136
14	FOLFIRINOX Induction Therapy for Stage 3 Pancreatic Adenocarcinoma. Annals of Surgical Oncology, 2015, 22, 3512-3521.	0.7	135
15	NF- κ B1 p50 Is Required for BlyS Attenuation of Apoptosis but Dispensable for Processing of NF- κ B2 p100 to p52 in Quiescent Mature B Cells. Journal of Immunology, 2003, 171, 761-768.	0.4	131
16	Diagnosis of Liver Fibrosis and Cirrhosis With Diffusion-Weighted Imaging: Value of Normalized Apparent Diffusion Coefficient Using the Spleen as Reference Organ. American Journal of Roentgenology, 2010, 195, 671-676.	1.0	115
17	Assessment of Hepatic Arterial Infusion of Floxuridine in Combination With Systemic Gemcitabine and Oxaliplatin in Patients With Unresectable Intrahepatic Cholangiocarcinoma. JAMA Oncology, 2020, 6, 60.	3.4	112
18	Colorectal Cancer Liver Metastases: Biopsy of the Ablation Zone and Margins Can Be Used to Predict Oncologic Outcome. Radiology, 2016, 280, 949-959.	3.6	108

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19	<p>LI-RADS: a conceptual and historical review from its beginning to its recent integration into AASLD clinical practice guidance</p>. Journal of Hepatocellular Carcinoma, 2019, Volume 6, 49-69.	1.8	93
20	Survival Prediction in Pancreatic Ductal Adenocarcinoma by Quantitative Computed Tomography Image Analysis. Annals of Surgical Oncology, 2018, 25, 1034-1042.	0.7	92
21	Predicting Dysplasia and Invasive Carcinoma in Intraductal Papillary Mucinous Neoplasms of the Pancreas: Development of a Preoperative Nomogram. Annals of Surgical Oncology, 2013, 20, 4348-4355.	0.7	87
22	Locoregional therapies for hepatocellular carcinoma and the new LI-RADS treatment response algorithm. Abdominal Radiology, 2018, 43, 218-230.	1.0	86
23	<scp>CT</scp> radiomics to predict highÊrisk intraductal papillary mucinous neoplasms of the pancreas. Medical Physics, 2018, 45, 5019-5029.	1.6	76
24	LI-RADS Treatment Response Algorithm: Performance and Diagnostic Accuracy. Radiology, 2019, 292, 226-234.	3.6	74
25	Mechanism of BLyS action in B cell immunity. Cytokine and Growth Factor Reviews, 2002, 13, 19-25.	3.2	73
26	Preoperative Prediction of Microvascular Invasion in Hepatocellular Carcinoma Using Quantitative Image Analysis. Journal of the American College of Surgeons, 2017, 225, 778-788e1.	0.2	66
27	Influence of CT acquisition and reconstruction parameters on radiomic feature reproducibility. Journal of Medical Imaging, 2018, 5, 1.	0.8	61
28	Computed tomography of the spleen: how to interpret the hypodense lesion. Insights Into Imaging, 2013, 4, 65-76.	1.6	60
29	Dynamic Contrast-Enhanced MR Imaging of the Liver: Current Status and Future Directions. Magnetic Resonance Imaging Clinics of North America, 2009, 17, 339-349.	0.6	59
30	Radiomic feature reproducibility in contrast-enhanced CT of the pancreas is affected by variabilities in scan parameters and manual segmentation. European Radiology, 2020, 30, 195-205.	2.3	58
31	White paper of the Society of Abdominal Radiology hepatocellular carcinoma diagnosis disease-focused panel on LI-RADS v2018 for CT and MRI. Abdominal Radiology, 2018, 43, 2625-2642.	1.0	56
32	Cholangiocarcinoma: Correlation between Molecular Profiling and Imaging Phenotypes. PLoS ONE, 2015, 10, e0132953.	1.1	50
33	Advances in Diffusion-Weighted Imaging. Radiologic Clinics of North America, 2015, 53, 569-581.	0.9	50
34	Metabolic tumor volume and total lesion glycolysis on FDG-PET/CT can predict overall survival after 90Y radioembolization of colorectal liver metastases: A comparison with SUVmax, SUVpeak, and RECIST 1.0. European Journal of Radiology, 2016, 85, 1224-1231.	1.2	47
35	Evaluation of treatment response in hepatocellular carcinoma in the explanted liver with Liver Imaging Reporting and Data System version 2017. European Radiology, 2020, 30, 261-271.	2.3	47
36	Patterns of Recurrence After Ablation of Colorectal Cancer Liver Metastases. Annals of Surgical Oncology, 2012, 19, 834-841.	0.7	46

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37	Texture Analysis of Preoperative CT Images for Prediction of Postoperative Hepatic Insufficiency: A Preliminary Study. <i>Journal of the American College of Surgeons</i> , 2015, 220, 339-346.	0.2	46
38	Liver Imaging Reporting and Data System: an expert consensus statement. <i>Journal of Hepatocellular Carcinoma</i> , 2017, Volume 4, 29-39.	1.8	46
39	Short-term reproducibility of radiomic features in liver parenchyma and liver malignancies on contrast-enhanced CT imaging. <i>Abdominal Radiology</i> , 2018, 43, 3271-3278.	1.0	46
40	Interobserver Agreement for Detection of Malignant Features of Intraductal Papillary Mucinous Neoplasms of the Pancreas on MDCT. <i>American Journal of Roentgenology</i> , 2014, 203, 973-979.	1.0	45
41	Computed Tomography Image Texture: A Noninvasive Prognostic Marker of Hepatic Recurrence After Hepatectomy for Metastatic Colorectal Cancer. <i>Annals of Surgical Oncology</i> , 2017, 24, 2482-2490.	0.7	45
42	Imaging features of hepatocellular carcinoma compared to intrahepatic cholangiocarcinoma and combined tumor on MRI using liver imaging and data system (LI-RADS) version 2014. <i>Abdominal Radiology</i> , 2018, 43, 169-178.	1.0	44
43	Radioembolization as a Salvage Therapy for Heavily Pretreated Patients With Colorectal Cancer Liver Metastases: Factors That Affect Outcomes. <i>Clinical Colorectal Cancer</i> , 2015, 14, 296-305.	1.0	40
44	Regional Chemotherapy for Unresectable Intrahepatic Cholangiocarcinoma: A Potential Role for Dynamic Magnetic Resonance Imaging as an Imaging Biomarker and a Survival Update from Two Prospective Clinical Trials. <i>Annals of Surgical Oncology</i> , 2014, 21, 2675-2683.	0.7	38
45	Tumor-associated Neutrophils and Malignant Progression in Intraductal Papillary Mucinous Neoplasms. <i>Annals of Surgery</i> , 2015, 262, 1102-1107.	2.1	37
46	CT radiomics associations with genotype and stromal content in pancreatic ductal adenocarcinoma. <i>Abdominal Radiology</i> , 2019, 44, 3148-3157.	1.0	37
47	Clinical Features and Outcome of Primary Pancreatic Lymphoma. <i>Annals of Surgical Oncology</i> , 2015, 22, 1176-1184.	0.7	36
48	Preoperative risk prediction for intraductal papillary mucinous neoplasms by quantitative CT image analysis. <i>Hpb</i> , 2019, 21, 212-218.	0.1	36
49	LI-RADS 2017: An update. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1459-1474.	1.9	34
50	Motion Correction of Multi-b-value Diffusion-weighted Imaging in the Liver. <i>Academic Radiology</i> , 2012, 19, 1573-1580.	1.3	33
51	Changes in the management of benign liver tumours: an analysis of 285 patients. <i>Hpb</i> , 2013, 15, 156-163.	0.1	33
52	Intrahepatic cholangiocarcinoma: can imaging phenotypes predict survival and tumor genetics?. <i>Abdominal Radiology</i> , 2018, 43, 2665-2672.	1.0	30
53	Surrogate Imaging Biomarkers of Response of Colorectal Liver Metastases After Salvage Radioembolization Using 90Y-Loaded Resin Microspheres. <i>American Journal of Roentgenology</i> , 2016, 207, 661-670.	1.0	29
54	The Effect of Liver Iron Deposition on Hepatic Apparent Diffusion Coefficient Values in Cirrhosis. <i>American Journal of Roentgenology</i> , 2012, 199, 803-808.	1.0	28

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55	Deep convolutional neural network applied to the liver imaging reporting and data system (LI-RADS) version 2014 category classification: a pilot study. <i>Abdominal Radiology</i> , 2020, 45, 24-35.	1.0	28
56	Diffusion-weighted imaging for prediction of volumetric response of leiomyomas following uterine artery embolization: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 641-646.	1.9	27
57	Assessment of hepatocellular carcinoma treatment response with LI-RADS: a pictorial review. <i>Insights Into Imaging</i> , 2019, 10, 121.	1.6	26
58	Pitfalls in avoiding operation for autoimmune pancreatitis. <i>Surgery</i> , 2011, 150, 968-974.	1.0	25
59	Imaging findings of immune checkpoint inhibitor associated pancreatitis. <i>European Journal of Radiology</i> , 2020, 131, 109250.	1.2	24
60	Optimal Timing and Diagnostic Adequacy of Hepatocyte Phase Imaging with Gadoxetate-Enhanced Liver MRI. <i>Academic Radiology</i> , 2014, 21, 726-732.	1.3	23
61	Imaging patterns of intraductal papillary mucinous neoplasms of the pancreas: An illustrated discussion of the International Consensus Guidelines for the Management of IPMN. <i>Abdominal Imaging</i> , 2015, 40, 663-677.	2.0	23
62	Comparison of Navigator Triggering Reduced Field of View and Large Field of View Diffusion-Weighted Imaging of the Pancreas. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 143-148.	0.5	23
63	MRI of the Pancreas. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 347-359.	1.9	23
64	Rapid switching kVp dual energy CT: Value of reconstructed dual energy CT images and organ dose assessment in multiphasic liver CT exams. <i>European Journal of Radiology</i> , 2018, 102, 102-108.	1.2	21
65	An update for LI-RADS: Version 2018. Why so soon after version 2017?. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1990-1991.	1.9	19
66	Phase 1b study of galunisertib and ramucirumab in patients with advanced hepatocellular carcinoma. <i>Cancer Medicine</i> , 2021, 10, 3059-3067.	1.3	19
67	Patterns of Metastatic Disease in Patients with Cancer Derived from Natural Language Processing of Structured CT Radiology Reports over a 10-year Period. <i>Radiology</i> , 2021, 301, 115-122.	3.6	19
68	Variable MR imaging appearances of focal nodular hyperplasia in pediatric cancer patients. <i>Pediatric Radiology</i> , 2011, 41, 335-340.	1.1	16
69	Therapeutic response assessment in pancreatic ductal adenocarcinoma: society of abdominal radiology review paper on the role of morphological and functional imaging techniques. <i>Abdominal Radiology</i> , 2020, 45, 4273-4289.	1.0	15
70	Differences in Liver Parenchyma are Measurable with CT Radiomics at Initial Colon Resection in Patients that Develop Hepatic Metastases from Stage II/III Colon Cancer. <i>Annals of Surgical Oncology</i> , 2021, 28, 1982-1989.	0.7	15
71	Developing a Cancer Digital Twin: Supervised Metastases Detection From Consecutive Structured Radiology Reports. <i>Frontiers in Artificial Intelligence</i> , 2022, 5, 826402.	2.0	15
72	Interreader and inter-test agreement in assessing treatment response following transarterial embolization for hepatocellular carcinoma. <i>European Radiology</i> , 2015, 25, 2779-2788.	2.3	14

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73	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents)â€”Part 2: Protocols for Liver Magnetic Resonance Imaging and Characterization of Common Focal Liver Lesions. <i>Seminars in Roentgenology</i> , 2016, 51, 317-333.	0.2	14
74	LI-RADS Version 2018 Treatment Response Algorithm: The Evidence Is Accumulating. <i>Radiology</i> , 2020, 294, 327-328.	3.6	13
75	Artificial intelligence in assessment of hepatocellular carcinoma treatment response. <i>Abdominal Radiology</i> , 2021, 46, 3660-3671.	1.0	13
76	Hepatocellular carcinoma Liver Imaging Reporting and Data Systems treatment response assessment: Lessons learned and future directions. <i>World Journal of Hepatology</i> , 2020, 12, 738-753.	0.8	13
77	Liver imaging: it is time to adopt standardized terminology. <i>European Radiology</i> , 2022, 32, 6291-6301.	2.3	13
78	Uncinate Duct Dilation in Intraductal Papillary Mucinous Neoplasms of the Pancreas: A Radiographic Finding with Potentially Increased Malignant Potential. <i>Journal of Gastrointestinal Surgery</i> , 2014, 18, 911-916.	0.9	12
79	Phase II trial of sorafenib and doxorubicin in patients with advanced hepatocellular carcinoma after disease progression on sorafenib. <i>Cancer Medicine</i> , 2020, 9, 7453-7459.	1.3	11
80	Teleguided self-ultrasound scanning for longitudinal monitoring of muscle mass during spaceflight. <i>IScience</i> , 2021, 24, 102344.	1.9	11
81	LI-RADS treatment response algorithm for detecting incomplete necrosis in hepatocellular carcinoma after locoregional treatment: a systematic review and meta-analysis using individual patient data. <i>Abdominal Radiology</i> , 2021, 46, 3717-3728.	1.0	11
82	A primer on texture analysis in abdominal radiology. <i>Abdominal Radiology</i> , 2022, 47, 2972-2985.	1.0	11
83	Recurrence After Resection of Pancreatic Cancer: Can Radiomics Predict Patients at Greatest Risk of Liver Metastasis?. <i>Annals of Surgical Oncology</i> , 2022, 29, 4962-4974.	0.7	11
84	Simultaneous segmentation and iterative registration method for computing ADC with reduced artifacts from DWâ€”MRI. <i>Medical Physics</i> , 2015, 42, 2249-2260.	1.6	10
85	Quantitative imaging features of pretreatment CT predict volumetric response to chemotherapy in patients with colorectal liver metastases. <i>European Radiology</i> , 2019, 29, 458-467.	2.3	10
86	LI-RADS Treatment Response Algorithm: Performance and Diagnostic Accuracy With Radiologic-Pathologic Explant Correlation in Patients With SBRT-Treated Hepatocellular Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 704-714.	0.4	10
87	Assessing splenic enlargement on CT by unidimensional measurement changes in patients with colorectal liver metastases. <i>Abdominal Imaging</i> , 2015, 40, 2338-2344.	2.0	9
88	Visceral Thromboses in Pancreas Adenocarcinoma: Systematic Review. <i>Clinical Colorectal Cancer</i> , 2018, 17, e207-e216.	1.0	9
89	Post-treatment CT LI-RADS categories: predictors of overall survival in hepatocellular carcinoma post bland transarterial embolization. <i>Abdominal Radiology</i> , 2021, 46, 3738-3747.	1.0	9
90	Liver angiomyolipomas: A clinical, radiologic, and pathologic analysis of 22 patients from a single center. <i>Surgery</i> , 2011, 150, 557-567.	1.0	8

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91	Pilot study of rapid MR pancreas screening for patients with BRCA mutation. <i>European Radiology</i> , 2019, 29, 3976-3985.	2.3	8
92	Multimodal radiomics and cyst fluid inflammatory markers model to predict preoperative risk in intraductal papillary mucinous neoplasms. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	0.8	8
93	Imaging Features at the Periphery: Hemodynamics, Pathophysiology, and Effect on LI-RADS Categorization. <i>Radiographics</i> , 2021, 41, 1657-1675.	1.4	7
94	Imaging comparison of tubular and colloid pancreatic adenocarcinoma arising from intraductal papillary mucinous neoplasm on multidetector CT. <i>Clinical Imaging</i> , 2016, 40, 1195-1199.	0.8	6
95	Impact of 18F-Fluorodeoxyglucose positron emission tomography on management of cancer of unknown primary: systematic review and meta-analysis. <i>European Journal of Cancer</i> , 2021, 159, 60-77.	1.3	6
96	Gender and racial diversity among plenary session speakers at the Society of Abdominal Radiology Annual Meetings: a five-year assessment. <i>Abdominal Radiology</i> , 2022, 47, 2545-2551.	1.0	6
97	Serial measurement of hepatic lipids during chemotherapy in patients with colorectal cancer: a ¹ H MRS study. <i>NMR in Biomedicine</i> , 2013, 26, 204-212.	1.6	5
98	Can physician gestalt predict survival in patients with resectable pancreatic adenocarcinoma?. <i>Abdominal Radiology</i> , 2018, 43, 2113-2118.	1.0	5
99	Quantitative Computed Tomography Image Analysis to Predict Pancreatic Neuroendocrine Tumor Grade. <i>JCO Clinical Cancer Informatics</i> , 2021, 5, 679-694.	1.0	5
100	Interactive Machine Learning-Based Multi-Label Segmentation of Solid Tumors and Organs. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7488.	1.3	5
101	Risk Factors for Hypervascularization in Hepatobiliary Phase Hypointense Nodules without Arterial Phase Hyperenhancement: A Systematic Review and Meta-analysis. <i>Academic Radiology</i> , 2022, 29, 198-210.	1.3	5
102	Standardized Reporting of Oncologic Response: Making Every Report Count. <i>Radiology Imaging Cancer</i> , 2022, 4, .	0.7	5
103	Preoperative CT predictors of survival in patients with pancreatic ductal adenocarcinoma undergoing curative intent surgery. <i>Abdominal Radiology</i> , 2021, 46, 1607-1617.	1.0	4
104	Treatment response and clinical outcomes of well differentiated high grade neuroendocrine tumors to lutetium-177 DOTATATE. <i>Neuroendocrinology</i> , 0, , .	1.2	4
105	Inter-observer agreement on the assessment of relative liver lesion signal intensity on hepatobiliary phase imaging with gadoxetate (Gd-EOB-DTPA). <i>Abdominal Radiology</i> , 2016, 41, 50-55.	1.0	3
106	Evaluation of Hepatocellular Carcinoma Treatment Response After Locoregional Therapy. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021, 29, 389-403.	0.6	3
107	Moving Away from Uncertainty: A Potential Role for Ancillary Features in LI-RADS Treatment Response. <i>Radiology</i> , 2020, 296, 562-563.	3.6	2
108	LI-RADS Imaging Criteria for HCC Diagnosis and Treatment: Emerging Evidence. <i>Current Hepatology Reports</i> , 2020, 19, 437-447.	0.4	2

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109	Magnetic resonance imaging of the liver, biliary tract, and pancreas. , 2017, , 358-377.e2.		1
110	Reply to A. Braillon, M. Boulin et al, and J.-H. Zhong et al. Journal of Clinical Oncology, 2017, 35, 258-259.	0.8	1
111	Radiomics for CT Assessment of Vascular Contact in Pancreatic Adenocarcinoma. Radiology, 2021, 301, 211635.	3.6	1
112	Texture feature analysis for prediction of postoperative liver failure prior to surgery. Proceedings of SPIE, 2014, , .	0.8	0
113	Emerging techniques in diagnostic imaging. , 2017, , 239-244.e1.		0
114	Natural Language Processing of Large-Scale Structured Radiology Reports to Identify Oncologic Patients With or Without Splenomegaly Over a 10-Year Period. JCO Clinical Cancer Informatics, 2022, 6, e2100104.	1.0	0
115	Incidental liver lesions on baseline breast MRI: Outcomes on subsequent abdominal imaging. Clinical Imaging, 2022, 84, 130-134.	0.8	0
116	ASO Visual Abstract: Recurrence After Resection of Pancreatic Cancer “ Can Radiomics Predict Patients at Greatest Risk of Liver Metastasis?. Annals of Surgical Oncology, 2022, , .	0.7	0
117	Fibrolamellar Carcinoma.. Applied Radiology, 2021, 50, 46-47.	0.1	0