Hang-Tong Hu

List of Publications by Year
in descending order

40 papers	1,150 citations	567281 15 h-index	434195 31 g-index
43 all docs	43 docs citations	43 times ranked	1308 citing authors

#	Article	IF	Citations
1	Deep learning-based artificial intelligence model to assist thyroid nodule diagnosis and management: a multicentre diagnostic study. The Lancet Digital Health, 2021, 3, e250-e259.	12.3	133
2	Ultrasound-based radiomics score: a potential biomarker for the prediction of microvascular invasion in hepatocellular carcinoma. European Radiology, 2019, 29, 2890-2901.	4.5	130
3	CT-based peritumoral radiomics signatures to predict early recurrence in hepatocellular carcinoma after curative tumor resection or ablation. Cancer Imaging, 2019, 19, 11.	2.8	120
4	Multiparametric ultrasomics of significant liver fibrosis: A machine learning-based analysis. European Radiology, 2019, 29, 1496-1506.	4.5	90
5	Predicting Breast Cancer in Breast Imaging Reporting and Data System (BI-RADS) Ultrasound Category 4 or 5 Lesions: A Nomogram Combining Radiomics and BI-RADS. Scientific Reports, 2019, 9, 11921.	3.3	78
6	Predicting Malignancy in Thyroid Nodules: Radiomics Score Versus 2017 American College of Radiology Thyroid Imaging, Reporting and Data System. Thyroid, 2018, 28, 1024-1033.	4.5	69
7	CT-based radiomics for preoperative prediction of early recurrent hepatocellular carcinoma: technical reproducibility of acquisition and scanners. Radiologia Medica, 2020, 125, 697-705.	7.7	63
8	A non-smooth tumor margin on preoperative imaging assesses microvascular invasion of hepatocellular carcinoma: A systematic review and meta-analysis. Scientific Reports, 2017, 7, 15375.	3.3	54
9	CT-based radiomics scores predict response to neoadjuvant chemotherapy and survival in patients with gastric cancer. BMC Cancer, 2020, 20, 468.	2.6	40
10	Peritumoral tissue on preoperative imaging reveals microvascular invasion in hepatocellular carcinoma: a systematic review and meta-analysis. Abdominal Radiology, 2018, 43, 3324-3330.	2.1	36
11	Comparison between M-score and LR-M in the reporting system of contrast-enhanced ultrasound LI-RADS. European Radiology, 2019, 29, 4249-4257.	4.5	33
12	Artificial intelligence assists identifying malignant <i>versus</i> benign liver lesions using contrastâ€enhanced ultrasound. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 2875-2883.	2.8	30
13	Oneâ€Pot Approach to Fe²⁺/Fe³⁺â€Based MOFs with Enhanced Catalytic Activity for Fenton Reaction. Advanced Healthcare Materials, 2021, 10, e2100780.	7.6	26
14	Sorafenib versus hepatic arterial infusion chemotherapy for advanced hepatocellular carcinoma: a systematic review and meta-analysis. Japanese Journal of Clinical Oncology, 2019, 49, 845-855.	1.3	23
15	NDM-1-Producing Citrobacter freundii, Escherichia coli, and Acinetobacter baumannii Identified from a Single Patient in China. Antimicrobial Agents and Chemotherapy, 2015, 59, 5073-5077.	3.2	20
16	Using new criteria to improve the differentiation between HCC and non-HCC malignancies: clinical practice and discussion in CEUS LI-RADS 2017. Radiologia Medica, 2022, 127, 1-10.	7.7	19
17	Malignancy risk stratification and FNA recommendations for thyroid nodules: A comparison of ACR TI-RADS, AACE/ACE/AME and ATA guidelines. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2020, 41, 102625.	1.3	17
18	Preoperative Pathological Grading of Hepatocellular Carcinoma Using Ultrasomics of Contrast-Enhanced Ultrasound. Academic Radiology, 2021, 28, 1094-1101.	2.5	17

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19	Radiomics models for preoperative prediction of microvascular invasion in hepatocellular carcinoma: a systematic review and meta-analysis. Abdominal Radiology, 2022, 47, 2071-2088.	2.1	17
20	Machine Learning-Based Ultrasomics Improves the Diagnostic Performance in Differentiating Focal Nodular Hyperplasia and Atypical Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 544979.	2.8	16
21	Do hepatocellular carcinomas located in subcapsular space or in proximity to vessels increase the rate of local tumor progression? A meta-analysis. Life Sciences, 2018, 207, 381-385.	4.3	13
22	Inter-reader agreement of CEUS LI-RADS among radiologists with different levels of experience. European Radiology, 2021, 31, 6758-6767.	4.5	13
23	Need for normalization: the non-standard reference standard for microvascular invasion diagnosis in hepatocellular carcinoma. World Journal of Surgical Oncology, 2018, 16, 50.	1.9	12
24	Differential diagnosis between hepatic alveolar echinococcosis and intrahepatic cholangiocarcinoma with conventional ultrasound and contrast-enhanced ultrasound. BMC Medical Imaging, 2020, 20, 101.	2.7	12
25	Shear wave elastography-based ultrasomics: differentiating malignant from benign focal liver lesions. Abdominal Radiology, 2021, 46, 237-248.	2.1	11
26	Reproducibility of radiomics features from ultrasound images: influence of image acquisition and processing. European Radiology, 2022, 32, 5843-5851.	4.5	10
27	Thermal Field Distributions of Ablative Experiments Using Cyst-mimicking Phantoms. Academic Radiology, 2018, 25, 636-642.	2.5	7
28	An assessment of liver lesions using a combination of CEUS LI-RADS and AFP. Abdominal Radiology, 2022, 47, 1311-1320.	2.1	7
29	Pathological considerations of CEUS LI-RADS: correlation with fibrosis stage and tumour histological grade. European Radiology, 2021, 31, 5680-5688.	4.5	6
30	Articles That Use Artificial Intelligence for Ultrasound: A Readerâ€™s Guide. Frontiers in Oncology, 2021, 11, 631813.	2.8	4
31	Tumor size-based validation of contrast-enhanced ultrasound liver imaging reporting and data system (CEUS LI-RADS) 2017 for hepatocellular carcinoma characterizing. British Journal of Radiology, 2021, 94, 20201359.	2.2	4
32	Contrast-enhanced ultrasoundâ€“based ultrasomics score: a potential biomarker for predicting early recurrence of hepatocellular carcinoma after resection or ablation. British Journal of Radiology, 2022, 95, 20210748.	2.2	4
33	RGB Three-Channel SWE-Based Ultrasomics Model: Improving the Efficiency in Differentiating Focal Liver Lesions. Frontiers in Oncology, 2021, 11, 704218.	2.8	3
34	Comparison of Real-Time Two-Dimensional and Three-Dimensional Contrast-Enhanced Ultrasound to Quantify Flow in an In Vitro Model: A Feasibility Study. Medical Science Monitor, 2019, 25, 10029-10035.	1.1	3
35	Clinicopathological findings and imaging features of intraductal papillary neoplasm of the bile duct: comparison between contrast-enhanced ultrasound and contrast-enhanced computed tomography. Abdominal Radiology, 2019, 44, 2409-2417.	2.1	2
36	Microwave ablation combining surgery for the treatment of multiorgan cystic echinococcosis: A case report. Parasitology International, 2020, 74, 101921.	1.3	2

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37	Testicular quantitative ultrasound: A noninvasive monitoring method for evaluating spermatogenic function in busulfanâ€induced testicular injury mouse models. Andrologia, 2021, 53, e13927.	2.1	2
38	<scp>Contrastâ€Enhanced</scp> Ultrasoundâ€Based Nomogram. Journal of Ultrasound in Medicine, 2022, 41, 1925-1938.	1.7	2
39	IDDF2019-ABS-0148â€…Focal liver lesion classification using a convolutional neural network based transfer-learning algorithm on tri-phase images of contrast-enhanced ultrasound. , 2019, , .		1
40	Preliminary investigation of the diagnostic value of shear wave elastography in evaluating the testicular spermatogenic function in patients with azoospermia. Andrologia, 2021, 53, e14039.	2.1	1