Yung-Liang Wan

List of Publications by Year
in descending order

62 papers	**1,019** citations	430874 **18** h-index	501196 **28** g-index
63 all docs	**63** docs citations	**63** times ranked	**1190** citing authors

#	Article	IF	Citations
1	Toward robust mammography-based models for breast cancer risk. Science Translational Medicine, 2021, 13, .	12.4	100
2	Perfusion-weighted imaging of interictal hypoperfusion in temporal lobe epilepsy using FAIR-HASTE: Comparison with H215O PET measurements. Magnetic Resonance in Medicine, 2001, 45, 431-435.	3.0	65
3	Ultrasonography-guided core-needle biopsy of parotid gland masses. American Journal of Neuroradiology, 2004, 25, 1608-12.	2.4	54
4	Hepatic Steatosis Assessment with Ultrasound Small-Window Entropy Imaging. Ultrasound in Medicine and Biology, 2018, 44, 1327-1340.	1.5	50
5	The effect of calcium score on the diagnostic accuracy of coronary computed tomography angiography. International Journal of Cardiovascular Imaging, 2011, 27, 37-42.	1.5	41
6	Effects of fatty infiltration in human livers on the backscattered statistics of ultrasound imaging. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2015, 229, 419-428.	1.8	38
7	Effects of Estimators on Ultrasound Nakagami Imaging in Visualizing the Change in the Backscattered Statistics from a Rayleigh Distribution to a Pre-Rayleigh Distribution. Ultrasound in Medicine and Biology, 2015, 41, 2240-2251.	1.5	38
8	Optimizing risk-based breast cancer screening policies with reinforcement learning. Nature Medicine, 2022, 28, 136-143.	30.7	34
9	Effects of Fatty Infiltration of the Liver on the Shannon Entropy of Ultrasound Backscattered Signals. Entropy, 2016, 18, 341.	2.2	32
10	Effect of ultrasound frequency on the Nakagami statistics of human liver tissues. PLoS ONE, 2017, 12, e0181789.	2.5	30
11	Ultrasound imaging of the larynx and vocal folds. Current Opinion in Otolaryngology and Head and Neck Surgery, 2012, 20, 437-442.	1.8	29
12	CD5 positivity is an independent adverse prognostic factor in elderly patients with diffuse large B cell lymphoma. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2015, 467, 571-582.	2.8	28
13	2017 Multimodality Appropriate Use Criteria for Noninvasive Cardiac Imaging: Expert Consensus of the Asian Society of Cardiovascular Imaging. Korean Journal of Radiology, 2017, 18, 871.	3.4	28
14	Differences in Liver Fibrosis Between Patients With Chronic Hepatitis B and C. Journal of Ultrasound in Medicine, 2015, 34, 813-821.	1.7	23
15	Value of homodyned K distribution in ultrasound parametric imaging of hepatic steatosis: An animal study. Ultrasonics, 2020, 101, 106001.	3.9	23
16	A Computer-Aided Diagnosis Scheme For Detection Of Fatty Liver In Vivo Based On Ultrasound Kurtosis Imaging. Journal of Medical Systems, 2016, 40, 33.	3.6	21
17	A Diabetic Patient With 2019-nCoV (COVID-19) Infection Who Recovered and Was Discharged From Hospital. Journal of Thoracic Imaging, 2020, 35, W94-W95.	1.5	20
18	Comparison of the Left Main Coronary Bifurcating Angle among Patients with Normal, Non-significantly and Significantly Stenosed Left Coronary Arteries. Scientific Reports, 2017, 7, 1515.	3.3	19

#	Article	IF	Citations
19	The Use of Artificial Intelligence in the Differentiation of Malignant and Benign Lung Nodules on Computed Tomograms Proven by Surgical Pathology. Cancers, 2020, 12, 2211.	3.7	19
20	Detecting changes in ultrasound backscattered statistics by using Nakagami parameters: Comparisons of moment-based and maximum likelihood estimators. Ultrasonics, 2017, 77, 133-143.	3.9	18
21	Clinical Value of Information Entropy Compared with Deep Learning for Ultrasound Grading of Hepatic Steatosis. Entropy, 2020, 22, 1006.	2.2	18
22	Considerations of Ultrasound Scanning Approaches in Non-alcoholic Fatty Liver Disease Assessment through Acoustic Structure Quantification. Ultrasound in Medicine and Biology, 2019, 45, 1955-1969.	1.5	17
23	Eight Cases of Severe Acute Respiratory Syndrome Presenting as Round Pneumonia. American Journal of Roentgenology, 2004, 182, 1567-1570.	2.2	16
24	Significance of Coronary Calcification for Prediction of Coronary Artery Disease and Cardiac Events Based on 64-Slice Coronary Computed Tomography Angiography. BioMed Research International, 2013, 2013, 1-9.	1.9	16
25	Ultrasound parametric imaging of hepatic steatosis using the homodyned-K distribution: An animal study. Ultrasonics, 2018, 87, 91-102.	3.9	15
26	Ultrasound Assessment of Hepatic Steatosis by Using the Double Nakagami Distribution: A Feasibility Study. Diagnostics, 2020, 10, 557.	2.6	15
27	Radiation dose exposure of patients undergoing 320-row cardiac CT for assessing coronary angiography and global left ventricular function. International Journal of Cardiovascular Imaging, 2012, 28, 1-5.	1.5	13
28	Predictors of Invasive Adenocarcinomas among Pure Ground-Glass Nodules Less Than 2 cm in Diameter. Cancers, 2021, 13, 3945.	3.7	13
29	Coronary in-stent restenosis: predisposing clinical and stent-related factors, diagnostic performance and analyses of inaccuracies in 320-row computed tomography angiography. International Journal of Cardiovascular Imaging, 2016, 32, 105-115.	1.5	12
30	Transcatheter Arterial Chemoembolization with Drug-Eluting Beads for the Treatment of		

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37	Impact of filter convolution and displayed field of view on estimation of coronary Agatston scores in low-dose lung computed tomography. International Journal of Cardiology, 2017, 236, 451-457.	1.7	7
38	Subtracted Computed Tomography Angiography in the Evaluation of Coronary Arteries With Severe Calcification or Stents Using a 320-Row Computed Tomography Scanner. Journal of Thoracic Imaging, 2020, 35, 317-325.	1.5	7
39	The role of sonography in the diagnosis and management of urachal abscesses. Journal of Clinical Ultrasound, 1991, 19, 203-208.	0.8	6
40	Solitary hepatic lymphangioma - a case report. International Journal of Clinical Practice, 2004, 59, 100-102.	1.7	6
41	Reversal of hoarseness with recognition of Ortner syndrome in a patient with severe mitral regurgitation. Journal of Cardiology Cases, 2013, 7, e48-e50.	0.5	6
42	Interpretation US Elastography in Chronic Hepatitis B with or without Anti-HBV Therapy. Applied Sciences (Switzerland), 2017, 7, 1164.	2.5	6
43	Coronary CT Angiography in the Diagnosis of Coronary Artery Disease. Current Medical Imaging, 2013, 9, 184-193.	0.8	6
44	Computed tomography angiography versus Agatston score for diagnosis of coronary artery disease in patients with stable chest pain: individual patient data meta-analysis of the international COME-CCT Consortium. European Radiology, 2022, 32, 5233-5245.	4.5	6
45	Discrimination between Newly Formed and Aged Thrombi Using Empirical Mode Decomposition of Ultrasound B-Scan Image. BioMed Research International, 2015, 2015, 1-9.	1.9	5
46	CT Assessment of Myocardial Perfusion and Fractional Flow Reserve in Coronary Artery Disease: A Review of Current Clinical Evidence and Recent Developments. Korean Journal of Radiology, 2021, 22, 1749.	3.4	5
47	Evaluation of Hemodynamic Changes in Retrobulbar Blood Vessels Using Color Doppler Imaging in Diabetic Patients. Life, 2022, 12, 629.	2.4	5
48	The evolution and investigation of native coronary arteries in patients after coronary stent implantation: a study by 320-detector CT angiography. International Journal of Cardiovascular Imaging, 2014, 30, 13-24.	1.5	4
49	A survey of the current status of coronary CT angiography using 64-slice multidetector CT in Taiwan. Journal of the Formosan Medical Association, 2014, 113, 124-132.	1.7	4
50	Identification of CD5/Cyclin D1 Double-negative Pleomorphic Mantle Cell Lymphoma. American Journal of Surgical Pathology, 2020, 44, 232-240.	3.7	4
51	Cutoff values of acoustic radiation force impulse two-location measurements in different etiologies of liver fibrosis. Journal of Medical Ultrasound, 2019, 27, 130.	0.4	4
52	Update on Color Flow Imaging in Obstetrics. Life, 2022, 12, 226.	2.4	4
53	Imaging findings of retroperitoneal lymphangiomyomatosis in a patient with lymphoma. Clinical Imaging, 2006, 30, 218-220.	1.5	3
54	Using 1 MHz pulse-echo ultrasound externally applied to detect mastoid effusion: Cadaver experiments. Ultrasonics, 2012, 52, 663-667.	3.9	3

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55	Variations in BOLD response latency estimated from event–related fMRI at 3T: Comparisons between gradient–echo and Spin–echo. International Journal of Imaging Systems and Technology, 2013, 23, 215-221.	4.1	3
56	History of the Asian Society of Cardiovascular Imaging. Cardiovascular Imaging Asia, 2021, 5, 17.	0.1	3
57	History of the Asian Society of Cardiovascular Imaging. Korean Journal of Radiology, 2021, 22, 493.	3.4	3
58	Patient safety during radiological examinations: a nationwide survey of residency training hospitals in Taiwan. BMJ Open, 2016, 6, e010756.	1.9	2
59	Surgical result in non small cell lung cancer patients presenting with ground glass opacity predominant lesion less than 2Âcm: Anatomic versus wedge resection. Biomedical Journal, 2021, 44, S235-S241.	3.1	2
60	Message from the New President of ASCI. Cardiovascular Imaging Asia, 2019, 3, 31.	0.1	2
61	Added Value of Computed Tomography Virtual Intravascular Endoscopy in the Evaluation of Coronary Arteries with Stents or Plaques. Diagnostics, 2022, 12, 390.	2.6	1
62	Transmastoid Ultrasound Detection of Middle Ear Effusion and Its Association with Clinical Audiometric Tests. Life, 2022, 12, 599.	2.4	1