Laith R Sultan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3656143/publications.pdf

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27	424	933447 10	752698 20
papers	citations	h-index	g-index

27	27	27	706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Review of Early Experience in Lung Ultrasound in the Diagnosis and Management of COVID-19. Ultrasound in Medicine and Biology, 2020, 46, 2530-2545.	1.5	69
2	Diagnostic accuracy of hepatorenal index in the detection and grading of hepatic steatosis. Journal of Clinical Ultrasound, 2016, 44, 580-586.	0.8	54
3	Machine learning for diagnostic ultrasound of triple-negative breast cancer. Breast Cancer Research and Treatment, 2019, 173, 365-373.	2.5	49
4	Vascularity Assessment of Thyroid Nodules by Quantitative Color Doppler Ultrasound. Ultrasound in Medicine and Biology, 2015, 41, 1287-1293.	1.5	31
5	Going beyond a First Reader: A Machine Learning Methodology for Optimizing Cost and Performance in Breast Ultrasound Diagnosis. Ultrasound in Medicine and Biology, 2015, 41, 3148-3162.	1.5	26
6	Color Doppler Ultrasound Improves Machine Learning Diagnosis of Breast Cancer. Diagnostics, 2020, 10, 631.	2.6	24
7	Microbubble enhanced ultrasound for the antivascular treatment and monitoring of hepatocellular carcinoma. Nanotheranostics, 2019, 3, 331-341.	5.2	21
8	Machine Learning to Improve Breast Cancer Diagnosis by Multimodal Ultrasound. , 2018, 2018, .		17
9	B-mode ultrasound for the assessment of hepatic fibrosis: a quantitative multiparametric analysis for a radiomics approach. Scientific Reports, 2019, 9, 8708.	3.3	17
10	Brachial artery vasomotion and transducer pressure effect on measurements by active contour segmentation on ultrasound. Medical Physics, 2014, 41, 022901.	3.0	16
11	Photoacoustic Imaging for Assessing Tissue Oxygenation Changes in Rat Hepatic Fibrosis. Diagnostics, 2020, 10, 705.	2.6	16
12	Bayesian Probability of Malignancy With BIâ€RADS Sonographic Features. Journal of Ultrasound in Medicine, 2014, 33, 641-648.	1.7	11
13	Photoacoustic monitoring of oxygenation changes induced by therapeutic ultrasound in murine hepatocellular carcinoma. Scientific Reports, 2021, 11, 4100.	3.3	11
14	High frequency ultrasound: a novel instrument to quantify granuloma burden in cutaneous sarcoidosis. Sarcoidosis Vasculitis and Diffuse Lung Diseases, 2017, 34, 136-141.	0.2	9
15	Application of ARFI-SWV in Stiffness Measurement of the Abdominal Wall Musculature: A Pilot Feasibility Study. Ultrasound in Medicine and Biology, 2018, 44, 1978-1985.	1.5	8
16	Subsequent Ultrasound Vascular Targeting Therapy of Hepatocellular Carcinoma Improves the Treatment Efficacy. Biology, 2021, 10, 79.	2.8	8
17	Quantitative pleural line characterization outperforms traditional lung texture ultrasound features in detection of COVIDâ€19. Journal of the American College of Emergency Physicians Open, 2021, 2, e12418.	0.7	8
18	Observer Variability in BI-RADS Ultrasound Features and Its Influence on Computer-Aided Diagnosis of Breast Masses. Advances in Breast Cancer Research, 2015, 04, 1-8.	0.1	5

#	Article	IF	Citations
19	Hyperechoic Renal Masses: Differentiation of Angiomyolipomas from Renal Cell Carcinomas using Tumor Size and Ultrasound Radiomics. Ultrasound in Medicine and Biology, 2022, 48, 887-894.	1.5	5
20	Can â€œTumor-to-Cortex Echogenicity Ratioâ€•Differentiate Angiomyolipomas from Other Hyper-Echoic Renal Masses. Ultrasound in Medicine and Biology, 2017, 43, 1372-1377.	1.5	4
21	Ablative fractional laser resurfacing for treatment of sclerosis and contractures in chronic graft-versus-host disease: A pilot study. Journal of the American Academy of Dermatology, 2020, 82, 984-986.	1.2	4
22	Hydralazine augmented ultrasound hyperthermia for the treatment of hepatocellular carcinoma. Scientific Reports, 2021, 11, 15553.	3.3	4
23	Brachial flow-mediated dilation by continuous monitoring of arterial cross-section with ultrasound imaging. Ultrasound, 2019, 27, 241-251.	0.7	3
24	Feed-forward active contour analysis for improved brachial artery reactivity testing. Vascular Medicine, 2016, 21, 317-324.	1.5	2
25	The diagnostic performance of leak-plugging automated segmentation versus manual tracing of breast lesions on ultrasound images. Ultrasound, 2017, 25, 98-106.	0.7	2
26	2167 Beyond diagnosis: Using ultrasound to affect tumor vasculature for hepatocellular carcinoma (HCC) therapy. Journal of Clinical and Translational Science, 2018, 2, 5-6.	0.6	0
27	Multimodal Sonographic Assessment of Hepatocellular Carcinoma Response to Antivascular Therapy. , 2019, , .		0