

# Jingke Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10172572/publications.pdf>

Version: 2024-02-01

15  
papers

114  
citations

1937685

4  
h-index

2053705

5  
g-index

15  
all docs

15  
docs citations

15  
times ranked

61  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound image reconstruction from plane wave radio-frequency data by self-supervised deep neural network. <i>Medical Image Analysis</i> , 2021, 70, 102018.	11.6	46
2	Improved Ultrafast Power Doppler Imaging by Using Spatiotemporal Non-Local Means Filtering. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 1610-1624.	3.0	17
3	In vivo assessment of hypertensive nephrosclerosis using ultrasound localization microscopy. <i>Medical Physics</i> , 2022, 49, 2295-2308.	3.0	16
4	Self-Supervised Learning of a Deep Neural Network for Ultrafast Ultrasound Imaging as an Inverse Problem. , 2020, , .		6
5	Acceleration of reconstruction for compressed sensing based synthetic transmit aperture imaging by using in-phase/quadrature data. <i>Ultrasonics</i> , 2022, 118, 106576.	3.9	6
6	A General Framework for Inverse Problem Solving using Self-Supervised Deep Learning: Validations in Ultrasound and Photoacoustic Image Reconstruction. , 2021, , .		5
7	Improved Background Noise Suppression in Ultrasound Localization Microscopy using Spatial Coherence Beamforming. , 2021, , .		5
8	Partial Hadamard encoded synthetic transmit aperture for high frame rate imaging with minimal $l_2$ -norm least squares method. <i>Physics in Medicine and Biology</i> , 2022, 67, 105002.	3.0	4
9	Spatiotemporal Nonlocal Means Based Denoising for Ultrasound Microvascular Imaging. , 2021, , .		2
10	In Vivo Assessment of Diabetic Kidney Disease using Ultrasound Localization Microscopy. , 2021, , .		2
11	A Deep Learning Method for Reduction of Microbubble Accumulation Time in Ultrasound Localization Microscopy. , 2020, , .		2
12	Ultrasound Image Reconstruction by Self-Supervised Deep Neural Network A Study on Coherent Compounding Strategy. , 2021, , .		1
13	Partial Hadamard Encoded Synthetic Transmit Aperture for High Frame Rate Imaging with Minimal $l_2$ -Norm Least Square Method. , 2021, , .		1
14	Recovery of Full Synthetic Transmit Aperture Dataset with Well-preserved Phase Information by Self-supervised Deep Learning. , 2021, , .		1
15	Perivascular Space Detection by Using Contrast-enhanced Ultrafast Power Doppler Imaging: A Feasibility Study. , 2021, , .		0