

Jingke Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

114
citations

1937685

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h-index

2053705

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all docs

15
docs citations

15
times ranked

61
citing authors

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