

# Jiaqi Zhu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	3D Super-Resolution US Imaging of Rabbit Lymph Node Vasculature in Vivo by Using Microbubbles. Radiology, 2019, 291, 642-650.	7.3	82
2	3-D Super-Resolution Ultrasound Imaging With a 2-D Sparse Array. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 269-277.	3.0	74
3	Fast Acoustic Wave Sparsely Activated Localization Microscopy: Ultrasound Super-Resolution Using Plane-Wave Activation of Nanodroplets. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1039-1046.	3.0	53
4	Poisson Statistical Model of Ultrasound Super-Resolution Imaging Acquisition Time. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1246-1254.	3.0	40
5	Investigation of Microbubble Detection Methods for Super-Resolution Imaging of Microvasculature. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 676-691.	3.0	29
6	High Frame Rate Contrast-Enhanced Ultrasound Imaging for Slow Lymphatic Flow: Influence of Ultrasound Pressure and Flow Rate on Bubble Disruption and Image Persistence. Ultrasound in Medicine and Biology, 2019, 45, 2456-2470.	1.5	9
7	Acoustic Wave Sparsely-Activated Localization Microscopy (AWSALM): In Vivo Fast Ultrasound Super-Resolution Imaging using Nanodroplets. , 2019, , .		9
8	3-D Motion Correction for Volumetric Super-Resolution Ultrasound Imaging. , 2018, 2018, .		8
9	3D in Vitro Ultrasound Super-Resolution Imaging Using a Clinical System. , 2018, , .		5
10	Photoacoustic Super-Resolution Imaging using Laser Activation of Low-Boiling-Point Dye-Coated Nanodroplets in vitro and in vivo. , 2019, , .		5
11	Minimization of Nanodroplet Activation Time using Focused-Pulses for Droplet-Based Ultrasound Super-Resolution Imaging. , 2019, , .		5
12	Fast Acoustic Wave Sparsely Activated Localization Microscopy (Fast-AWSALM) Using Octafluoropropane Nanodroplets. , 2018, , .		4
13	Super-Resolution Ultrasound Image Filtering with Machine-Learning to Reduce the Localization Error. , 2019, , .		4
14	Diagnosing and Managing the Malignant Axilla in Breast Cancer. Current Breast Cancer Reports, 2019, 11, 1-8.	1.0	2
15	Activation and 3D Imaging of Phase-change Nanodroplet Contrast Agents with a 2D Ultrasound Probe. , 2019, , .		2
16	Effects of Mechanical Index on Repeated Sparse Activation of Nanodroplets In Vivo. , 2020, , .		1
17	Notice of Removal: Exploring mild bubble disruption and high frame rate contrast enhanced ultrasound for specific imaging of lymphatic vessel. , 2017, , .		0