

# Xiang Ji

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

177  
citations

1478505

6  
h-index

1474206

9  
g-index

25  
all docs

25  
docs citations

25  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-Guided High-Intensity Focused Ultrasound for Devascularization of Uterine Fibroid: A Feasibility Study. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2622-2635.	1.5	6
2	Segmentation and Registration of Ultrasound Images of Uterine Fibroids for USgHIFU. , 2021, , .		1
3	Fusion of Multiple-angles Intraoperative US Images and Pretreatment MR Images for USgHIFU Treatment of Uterine Fibroid: Retrospective Evaluation Based on Clinical Dataset. , 2020, 2020, 5236-5239.		2
4	Tilting high-intensity focused ultrasound phased array to augment the focal steering range for treatment of uterine fibroids. <i>Applied Acoustics</i> , 2020, 166, 107342.	3.3	4
5	Dynamic impedance matching network based on real-time measurement of transducer impedance for high-intensity focused ultrasound. , 2020, , .		2
6	Evaluating Targeting Accuracy in the Focal Plane for an Ultrasound-guided High-intensity Focused Ultrasound Phased-array System. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	0
7	Experimental evaluation of targeting accuracy of an ultrasound-guided phased-array high-intensity focused ultrasound system. <i>Applied Acoustics</i> , 2018, 141, 19-25.	3.3	10
8	Design of power monitor for power measurement in HIFU systems. , 2017, , .		0
9	The calibration of targeting errors for an ultrasound-guided high-intensity focused ultrasound system. , 2017, , .		2
10	Characterization of breast masses as benign or malignant at 3.0T MRI with whole-lesion histogram analysis of the apparent diffusion coefficient. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 894-902.	3.4	90
11	Filtering normal papanicolaou smear with multi-instance learning. , 2016, , .		0
12	Ultrasound effect on vascular smooth muscle cells in vitro: A preliminary parametric study. , 2016, , .		1
13	Nonlinear effect in fat tissue for high-intensity focused ultrasound. , 2016, , .		0
14	The calibration of targeting for an ultrasound-guided high-intensity focused ultrasound system. , 2016, , .		0
15	Automatic Filter of Normal Papanicolaou Smear Using Multi-instance Learning Algorithms. , 2015, , .		1
16	Investigation of the Non-Gaussian Water Diffusion Properties in Bladder Cancer Using Diffusion Kurtosis Imaging. <i>Journal of Computer Assisted Tomography</i> , 2015, 39, 281-285.	0.9	22
17	Dual-focus scanning in volumetric HIFU ablation: Preliminary simulation study. , 2015, , .		1
18	Experimental evaluation of targeting accuracy of a B-mode ultrasound-guided phased-array focused ultrasound system using a thermocouple array. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Quantitative analysis of feature pixels in the region of interest of ultrasound images for detection of thermal lesion induced by focused ultrasound. , 2014, , .		0
20	Design of a 112-channel phased-array ultrasonography-guided focused ultrasound system in combination with switch of ultrasound imaging plane for tissue ablation. , 2014, , .		5
21	A method of introducing cooling time between multiple sonications in focused ultrasound surgery. International Journal of Heat and Mass Transfer, 2013, 56, 403-410.	4.8	6
22	The characterization of an ultrasound spherical phased array for the ablation of deep-seated tissue. Applied Acoustics, 2012, 73, 529-534.	3.3	6
23	Multi-element ultrasound phased array applicator for the ablation of deep-seated tissue. Journal of Shanghai Jiaotong University (Science), 2011, 16, 55-60.	0.9	4
24	High-intensity focused ultrasound with large scale spherical phased array for the ablation of deep tumors. Journal of Zhejiang University: Science B, 2009, 10, 639-647.	2.8	14