Xiang Ji

List of Publications by Year
in descending order

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	Characterization of breast masses as benign or malignant at 3.0T MRI with whole-lesion histogram analysis of the apparent diffusion coefficient. Journal of Magnetic Resonance Imaging, 2016, 43, 894-902.	3.4	90
2	Investigation of the Non-Gaussian Water Diffusion Properties in Bladder Cancer Using Diffusion Kurtosis Imaging. Journal of Computer Assisted Tomography, 2015, 39, 281-285.	0.9	22
3	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
4	Experimental evaluation of targeting accuracy of an ultrasound-guided phased-array high-intensity focused ultrasound system. Applied Acoustics, 2018, 141, 19-25.	3.3	10
5	The characterization of an ultrasound spherical phased array for the ablation of deep-seated tissue. Applied Acoustics, 2012, 73, 529-534.	3.3	6
6	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
7	Ultrasound-Guided High-Intensity Focused Ultrasound for Devascularization of Uterine Fibroid: A Feasibility Study. Ultrasound in Medicine and Biology, 2021, 47, 2622-2635.	1.5	6
8	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
9	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
10	Tilting high-intensity focused ultrasound phased array to augment the focal steering range for treatment of uterine fibroids. Applied Acoustics, 2020, 166, 107342.	3.3	4
11	The calibration of targeting errors for an ultrasound-guided high-intensity focused ultrasound system. , 2017, , .		2
12	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
13	Dynamic impedance matching network based on real-time measurement of transducer impedance for high-intensity focused ultrasound. , 2020, , .		2
14	Automatic Filter of Normal Papanicolaou Smear Using Multi-instance Learning Algorithms. , 2015, , .		1
15	Dual-focus scanning in volumetric HIFU ablation: Preliminary simulation study. , 2015, , .		1
16	Ultrasound effect on vascular smooth muscle cells in vitro: A preliminary parametric study. , 2016, , .		1
17	Segmentation and Registration of Ultrasound Images of Uterine Fibroids for USgHIFU. , 2021, , .		1
18	Quantitative analysis of feature pixels in the region of interest of ultrasound images for detection of thermal lesion induced by focused ultrasound. , 2014, , .		0

#	Article	IF	Citations
19	Experimental evaluation of targeting accuracy of a B-mode ultrasound-guided phased-array focused ultrasound system using a thermocouple array. , 2015, , .		0
20	Filtering normal papanicolaou smear with multi-instance learning. , 2016, , .		0
21	Nonlinear effect in fat tissue for high-intensity focused ultrasound. , 2016, , .		0
22	The calibration of targeting for an ultrasound-guided high-intensity focused ultrasound system. , 2016, , .		0
23	Design of power monitor for power measurement in HIFU systems. , 2017, , .		0
24	Evaluating Targeting Accuracy in the Focal Plane for an Ultrasound-guided High-intensity Focused Ultrasound Phased-array System. Journal of Visualized Experiments, 2019, , .	0.3	0