

# Xiaohua Jian

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High-Frequency Endoscopic Ultrasound Imaging With Phase-Corrected-and-Sum and Coherence Factor Weighting. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1881-1888.	3.0	0
2	An Improved Chirp Coded Excitation Based on Compression Pulse Weighting Method in Endoscopic Ultrasound Imaging. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 446-452.	3.0	9
3	A Miniature High-Frequency Rotary Ultrasonic Encoder for Internal Ultrasound Imaging. IEEE Sensors Journal, 2021, 21, 13137-13145.	4.7	3
4	Micromachined High Frequency 1-3 Piezocomposite Transducer Using Picosecond Laser. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2219-2226.	3.0	16
5	Development of high frequency piezocomposite with hexagonal pillars via cold ablation process. Ultrasonics, 2021, 114, 106404.	3.9	11
6	Development of Self-Focusing Piezoelectric Composite Ultrasound Transducer Using Laser Engraving Technology. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1866-1873.	3.0	6
7	Frequency Domain Analysis of Multiwavelength Photoacoustic Signals for Differentiating Tissue Components. International Journal of Thermophysics, 2018, 39, 1.	2.1	3
8	A High Frequency Geometric Focusing Transducer Based on 1-3 Piezocomposite for Intravascular Ultrasound Imaging. BioMed Research International, 2017, 2017, 1-8.	1.9	17
9	Electromechanical response of micromachined 1-3 piezoelectric composites: Effect of etched piezo-pillar slope. Journal of Intelligent Material Systems and Structures, 2015, 26, 2011-2019.	2.5	18