

# Xiaohua Jian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4636865/publications.pdf>

Version: 2024-02-01

9  
papers

83  
citations

1478505  
6  
h-index

1588992  
8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

53  
citing authors

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