

# Haoran Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1356227/publications.pdf>

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1307594

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docs citations

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127  
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-SPL piezoelectric MEMS loud speaker based on thin ceramic PZT. Sensors and Actuators A: Physical, 2020, 309, 112018.	4.1	31
2	MEMS Ultrasound Transducers for Endoscopic Photoacoustic Imaging Applications. Micromachines, 2020, 11, 928.	2.9	30
3	A one-step residue-free wet etching process of ceramic PZT for piezoelectric transducers. Sensors and Actuators A: Physical, 2019, 290, 130-136.	4.1	27
4	Review of Recent Development of MEMS Speakers. Micromachines, 2021, 12, 1257.	2.9	27
5	A Ceramic PZT-Based PMUT Array for Endoscopic Photoacoustic Imaging. Journal of Microelectromechanical Systems, 2020, 29, 1038-1043.	2.5	22
6	Development of Dual-Frequency PMUT Arrays Based on Thin Ceramic PZT for Endoscopic Photoacoustic Imaging. Journal of Microelectromechanical Systems, 2021, 30, 770-782.	2.5	17
7	Design and Fabrication of a Piezoelectric Micromachined Ultrasonic Transducer Array Based on Ceramic PZT. , 2018, , .		14
8	A Multi-Frequency pMUT Array Based on Ceramic PZT for Endoscopic Photoacoustic Imaging. , 2021, , .		10
9	Thermal Reliability Study of an Electrothermal MEMS Mirror. IEEE Transactions on Device and Materials Reliability, 2018, 18, 422-428.	2.0	8
10	A Piezoelectric MEMS Loud Speaker Based on Ceramic PZT. , 2019, , .		7
11	A High-Density and Dual-Frequency PMUT Array Based On Thin Ceramic PZT for Endoscopic Photoacoustic Imaging. , 2021, , .		6
12	A Dual-Electrode MEMS Speaker Based on Ceramic PZT with Improved Sound Pressure Level by Phase Tuning. , 2021, , .		6
13	Characterization and reliability study of a MEMS mirror based on electrothermal bimorph actuation. , 2017, , .		2