

Wenjun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

155
citations

1307594

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h-index

1372567

10
g-index

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all docs

10
docs citations

10
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast Transmission Ultrasound Tomography Based on Capacitive Micromachined Ultrasonic Transducer Linear Arrays. IEEE Sensors Journal, 2022, 22, 1209-1217.	4.7	6
2	Vector High-Resolution Marine Turbulence Sensor Based on a MEMS Bionic Cilium-Shaped Structure. IEEE Sensors Journal, 2021, 21, 8741-8750.	4.7	9
3	A Mathematical Model of a Piezoelectric Micro- Machined Hydrophone With Simulation and Experimental Validation. IEEE Sensors Journal, 2021, 21, 13364-13372.	4.7	7
4	New insight into contradictive relationship between sensitivity and working bandwidth of cilium MEMS bionic vector hydrophone. Journal of Micromechanics and Microengineering, 2019, 29, 115016.	2.6	6
5	Design of a high SNR electronic heart sound sensor based on a MEMS bionic hydrophone. AIP Advances, 2019, 9, .	1.3	23
6	A Mathematical Model of a Piezo-Resistive Eight-Beam Three-Axis Accelerometer with Simulation and Experimental Validation. Sensors, 2018, 18, 3641.	3.8	12
7	Design and analysis of a multiple sensor units vector hydrophone. AIP Advances, 2018, 8, .	1.3	9
8	Design and implementation of two-component cilia cylinder MEMS vector hydrophone. Sensors and Actuators A: Physical, 2018, 277, 142-149.	4.1	30
9	Wide-frequency-bandwidth whisker-inspired MEMS vector hydrophone encapsulated with parylene. Journal Physics D: Applied Physics, 2016, 49, 07LT02.	2.8	23
10	“Lollipop-shaped” high-sensitivity Microelectromechanical Systems vector hydrophone based on Parylene encapsulation. Journal of Applied Physics, 2015, 118, .	2.5	30