

Wenjun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9617107/publications.pdf>

Version: 2024-02-01

10
papers

155
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

101
citing authors

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