

# Qiu Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9931380/publications.pdf>

Version: 2024-02-01

9  
papers

102  
citations

1307594

7  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	A surface-micromachining-based inertial micro-switch with compliant cantilever beam as movable electrode for enduring high shock and prolonging contact time. Applied Surface Science, 2016, 387, 569-580.	6.1	22
2	Shock-Resistibility of MEMS-Based Inertial Microswitch under Reverse Directional Ultra-High g Acceleration for IoT Applications. Scientific Reports, 2017, 7, 45512.	3.3	22
3	Multi-Threshold Inertial Switch for Quantitative Acceleration Measurements. IEEE Sensors Journal, 2021, 21, 23849-23859.	4.7	14
4	Design and characterization of an inertial microswitch with synchronous follow-up flexible compliant electrodes capable of extending contact duration. Sensors and Actuators A: Physical, 2018, 270, 34-45.	4.1	12
5	Design and Optimization of a Stationary Electrode in a Vertically-Driven MEMS Inertial Switch for Extending Contact Duration. Sensors, 2017, 17, 527.	3.8	9
6	Design, modeling, and testing of a bidirectional multi-threshold MEMS inertial switch. Sensors and Actuators A: Physical, 2022, 334, 113219.	4.1	9
7	Micromachined threshold inertial switches: a review. Journal of Micromechanics and Microengineering, 2022, 32, 063001.	2.6	7
8	Multi-Threshold Inertial Switch With Acceleration Direction Detection Capability. IEEE Transactions on Industrial Electronics, 2023, 70, 4226-4235.	7.9	7
9	Multi-Threshold MEMS Shock Sensor for Quantitative Acceleration Measurements. , 2021, , .		0