

# Aref Mostafazadeh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8006540/publications.pdf>

Version: 2024-02-01

17  
papers

326  
citations

1307594

7  
h-index

1588992

8  
g-index

17  
all docs

17  
docs citations

17  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mems Vibrating Beam Accelerometer for High Resolution Seismometry and Gravimetry. , 2021, , .		13
2	Experimental Observation of Temperature and Pressure Induced Frequency Fluctuations in Silicon MEMS Resonators. Journal of Microelectromechanical Systems, 2021, 30, 500-505.	2.5	15
3	A vibrating beam MEMS accelerometer for gravity and seismic measurements. Scientific Reports, 2020, 10, 10415.	3.3	89
4	An Ultra-High Resolution Resonant MEMS Accelerometer. , 2019, , .		18
5	A Resonant MEMS Accelerometer With 56ng Bias Stability and $98\text{ng}/\text{Hz}^{1/2}$ Noise Floor. Journal of Microelectromechanical Systems, 2019, 28, 324-326.	2.5	49
6	Closed-Loop Characterization of Noise and Stability in a Mode-Localized Resonant MEMS Sensor. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 170-180.	3.0	30
7	A Direct Feedback Oscillator Topology Employing Weakly Coupled Resonators for Gain Control. , 2018, , .		1
8	A Resonant MEMS Accelerometer Utilizing AC Polarization. , 2018, , .		2
9	Coupled Nonlinear MEMS Resonators for Sensing. , 2018, , .		8
10	Compact High-Precision Analog Temperature Controller for MEMS Inertial Sensors. , 2018, , .		5
11	On the noise optimization of resonant MEMS sensors utilizing vibration mode localization. Applied Physics Letters, 2018, 112, .	3.3	30
12	Disposable cartridge biosensor platform for portable diagnostics. , 2017, , .		0
13	Reduction of amplitude ratio dependence on drive level in mode localized resonant MEMS sensors. , 2017, , .		5
14	Optical fiber array based simultaneous parallel monitoring of resonant cantilever sensors in liquid. Sensors and Actuators A: Physical, 2016, 242, 132-139.	4.1	7
15	Pulse Energy Optimization in Multipass-Cavity Mode-Locked Femtosecond Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 71-78.	2.9	1
16	LoC sensor array platform for real-time coagulation measurements. , 2014, , .		3
17	Microcantilever based disposable viscosity sensor for serum and blood plasma measurements. Methods, 2013, 63, 225-232.	3.8	50