

# 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 vibrating beam MEMS accelerometer for gravity and seismic measurements. Scientific Reports, 2020, 10, 10415.	3.3	89
2	Microcantilever based disposable viscosity sensor for serum and blood plasma measurements. Methods, 2013, 63, 225-232.	3.8	50
3	A Resonant MEMS Accelerometer With 56ng Bias Stability and 98ng/Hz <sup>1/2</sup> Noise Floor. Journal of Microelectromechanical Systems, 2019, 28, 324-326.	2.5	49
4	On the noise optimization of resonant MEMS sensors utilizing vibration mode localization. Applied Physics Letters, 2018, 112, .	3.3	30
5	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
6	An Ultra-High Resolution Resonant MEMS Accelerometer. , 2019, , .		18
7	Experimental Observation of Temperature and Pressure Induced Frequency Fluctuations in Silicon MEMS Resonators. Journal of Microelectromechanical Systems, 2021, 30, 500-505.	2.5	15
8	A Mems Vibrating Beam Accelerometer for High Resolution Seismometry and Gravimetry. , 2021, , .		13
9	Coupled Nonlinear MEMS Resonators for Sensing. , 2018, , .		8
10	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
11	Reduction of amplitude ratio dependence on drive level in mode localized resonant MEMS sensors. , 2017, , .		5
12	Compact High-Precision Analog Temperature Controller for MEMS Inertial Sensors. , 2018, , .		5
13	LoC sensor array platform for real-time coagulation measurements. , 2014, , .		3
14	A Resonant MEMS Accelerometer Utilizing AC Polarization. , 2018, , .		2
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	A Direct Feedback Oscillator Topology Employing Weakly Coupled Resonators for Gain Control. , 2018, , .		1
17	Disposable cartridge biosensor platform for portable diagnostics. , 2017, , .		0