Bo Jiang

List of Publications by Year
in descending order

14 papers	50 citations	1937685 4 h-index	1720034 7 g-index
14 all docs	14 docs citations	14 times ranked	41 citing authors

#	Article	IF	Citations
1	Analysis of Frequency Drift of Silicon MEMS Resonator with Temperature. Micromachines, 2021, 12, 26.	2.9	11
2	Damping Analysis of Disk Resonator Gyroscope in Rarefied Gas. , 2021, , .		0
3	A High Q-Factor Outer-Frame-Anchor Gyroscope Operating at First Resonant Mode. Micromachines, 2020, 11, 1071.	2.9	1
4	The model and stress analysis of self-doping SiGe/Si multi-quantum wells applied in uncooled infrared focal plane array. Optik, 2019, 198, 163285.	2.9	2
5	Air damping characteristics of a 2D MEMS electromagnetically driven micro-mirror. Microsystem Technologies, 2019, 25, 2675-2682.	2.0	4
6	A Readout Integrated Circuit (ROIC) employing self-adaptive background current compensation technique for Infrared Focal Plane Array (IRFPA). Infrared Physics and Technology, 2018, 90, 122-132.	2.9	10
7	Response Analysis of a 2D MEMS Electromagnetically Driven Micro-Mirror. , 2018, , .		0
8	Two-dimensional MEMS Scanning Mirror Driving Circuit with Auto Frequency Scan Function. , 2018, , .		0
9	An improved calibration method for a nondestructive testing system based on infrared thermopile sensors. , 2017, , .		0
10	Modeling, Design, and Fabrication of Self-Doping Si1â^'xGex/Si Multiquantum Well Material for Infrared Sensing. Journal of Sensors, 2016, 2016, 1-7.	1.1	4
11	Infrared absorption of thin films MoSi2/SiNx micro-bridge. Applied Physics Letters, 2016, 108, .	3.3	7
12	Epitaxial Growth and Characterization of Self-Doping ${m Si}_{1-{m x}}{m Ge}_{m x}{m/Si}$ Multi-Quantum Well Materials. Journal of Microelectromechanical Systems, 2014, 23, 213-219.	2.5	10
13	A high TCR material with Si<inf>1−x</inf>Ge<inf>x</inf>/Si MQWs for waterborne pathogen detection. , 2012, , .		0
14	A physical model of multi-quantum well material applied in the mid-infrared detector. European Physical Journal: Special Topics, 0, , 1.	2.6	1