

Bo Jiang

List of Publications by Year in descending order

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14
papers

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1937685

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Frequency Drift of Silicon MEMS Resonator with Temperature. <i>Micromachines</i> , 2021, 12, 26.	2.9	11
2	Epitaxial Growth and Characterization of Self-Doping $\text{Si}_{1-x}\text{Ge}_x/\text{Si}$ Multi-Quantum Well Materials. <i>Journal of Microelectromechanical Systems</i> , 2014, 23, 213-219.	2.5	10
3	A Readout Integrated Circuit (ROIC) employing self-adaptive background current compensation technique for Infrared Focal Plane Array (IRFPA). <i>Infrared Physics and Technology</i> , 2018, 90, 122-132.	2.9	10
4	Infrared absorption of thin films $\text{MoSi}_2/\text{SiN}_x$ micro-bridge. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	7
5	Modeling, Design, and Fabrication of Self-Doping $\text{Si}_{1-x}\text{Ge}_x/\text{Si}$ Multiquantum Well Material for Infrared Sensing. <i>Journal of Sensors</i> , 2016, 2016, 1-7.	1.1	4
6	Air damping characteristics of a 2D MEMS electromagnetically driven micro-mirror. <i>Microsystem Technologies</i> , 2019, 25, 2675-2682.	2.0	4
7	The model and stress analysis of self-doping SiGe/Si multi-quantum wells applied in uncooled infrared focal plane array. <i>Optik</i> , 2019, 198, 163285.	2.9	2
8	A High Q-Factor Outer-Frame-Ancor Gyroscope Operating at First Resonant Mode. <i>Micromachines</i> , 2020, 11, 1071.	2.9	1
9	A physical model of multi-quantum well material applied in the mid-infrared detector. <i>European Physical Journal: Special Topics</i> , 0, , 1.	2.6	1
10	A high TCR material with Si and Ge/Si MQWs for waterborne pathogen detection. , 2012, , .		0
11	Response Analysis of a 2D MEMS Electromagnetically Driven Micro-Mirror. , 2018, , .		0
12	Two-dimensional MEMS Scanning Mirror Driving Circuit with Auto Frequency Scan Function. , 2018, , .		0
13	An improved calibration method for a nondestructive testing system based on infrared thermopile sensors. , 2017, , .		0
14	Damping Analysis of Disk Resonator Gyroscope in Rarefied Gas. , 2021, , .		0