

Kun Huang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

111
citations

1478505

6
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Design, Fabrication and Experiment of Double U-Beam MEMS Vibration Ring Gyroscope. <i>Micromachines</i> , 2019, 10, 186.	2.9	41
2	A Proposal for an Optical MEMS Accelerometer With High Sensitivity Based on Wavelength Modulation System. <i>Journal of Lightwave Technology</i> , 2019, 37, 5474-5478.	4.6	17
3	A Proposal to Enhance High-Frequency Optical MEMS Accelerometer Sensitivity Based on a One-Dimensional Photonic Crystal Wavelength Modulation System. <i>IEEE Sensors Journal</i> , 2020, 20, 14639-14645.	4.7	14
4	A Proposal for a High-Sensitivity Optical MEMS Accelerometer With a Double-Mode Modulation System. <i>Journal of Lightwave Technology</i> , 2021, 39, 303-309.	4.6	14
5	High sensitivity sensing system theoretical research base on waveguide-nano DBRs one dimensional photonic crystal microstructure. <i>Optics Communications</i> , 2020, 470, 125392.	2.1	9
6	Manipulation of Spin Polarization Using NV Ensemble in Diamond for Precision Displacement Detection With an Adjustable Sensitivity. <i>IEEE Sensors Journal</i> , 2021, 21, 5961-5966.	4.7	6
7	Well-Aligned TiO ₂ Nanotube Arrays with Ag Nanoparticles for Highly Efficient Detection of Fe ³⁺ Ion. <i>Nanoscale Research Letters</i> , 2019, 14, 49.	5.7	4
8	A compact two-dimensional quantum magnetometer module based on the fixed-frequency optical detection of magnetic resonance using nitrogen vacancy centers. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	4
9	High-SNR Magnetic Field Sensing Using Portable Confocal Magnetometer Probe Based on Nitrogen Vacancy Centers in Diamond. <i>IEEE Sensors Journal</i> , 2021, 21, 24665-24671.	4.7	2