

# Kun Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1699001/publications.pdf>

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9  
papers

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1478505

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	Well-Aligned TiO <sub>2</sub> Nanotube Arrays with Ag Nanoparticles for Highly Efficient Detection of Fe <sup>3+</sup> Ion. <i>Nanoscale Research Letters</i> , 2019, 14, 49.	5.7	4
9	Design, Fabrication and Experiment of Double U-Beam MEMS Vibration Ring Gyroscope. <i>Micromachines</i> , 2019, 10, 186.	2.9	41