

# Qifeng Qiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5338151/publications.pdf>

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papers

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1307594  
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108  
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#	ARTICLE	IF	CITATIONS
1	Applications of Photonic Crystal Nanobeam Cavities for Sensing. <i>Micromachines</i> , 2018, 9, 541.	2.9	54
2	Opto-Mechanical Photonic Crystal Cavities for Sensing Application. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7080.	2.5	29
3	MEMS-Enabled On-Chip Computational Mid-Infrared Spectrometer Using Silicon Photonics. <i>ACS Photonics</i> , 2022, 9, 2367-2377.	6.6	26
4	Multifunctional mid-infrared photonic switch using a MEMS-based tunable waveguide coupler. <i>Optics Letters</i> , 2020, 45, 5620.	3.3	21
5	Subwavelength on-chip light focusing with bigradient all-dielectric metamaterials for dense photonic integration. <i>Informa-Materially</i> , 2022, 4, .	17.3	19
6	Ultra-small photonic crystal (PhC)-based test tool for gas permeability of polymers. <i>Optics Express</i> , 2019, 27, 35600.	3.4	10
7	Suspended Silicon Waveguide with Sub-Wavelength Grating Cladding for Optical MEMS in Mid-Infrared. <i>Micromachines</i> , 2021, 12, 1311.	2.9	8
8	Design of an on-chip Fourier transform spectrometer based on waveguide Mach-Zehnder Interferometer and fluidics. <i>Optics Communications</i> , 2020, 460, 125103.	2.1	3
9	Ultrasensitive nanoscale optomechanical electrometer using photonic crystal cavities. <i>Nanophotonics</i> , 2022, .	6.0	1