# Xiaowei Liu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10859887/publications.pdf

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| 16 | 317 | 1040056 9 | 940533 16 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 475 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Highâ€Refractiveâ€Index Chip with Periodically Fineâ€Tuning Gratings for Tunable Virtualâ€Wavevector Spatial Frequency Shift Universal Superâ€Resolution Imaging. Advanced Science, 2022, 9, e2103835. | 11.2 | 10 |
| 2 | Spatial-frequency-shift enables integrated super-resolution microscopy: advance and perspective. Science Bulletin, 2022, 67, 1317-1321. | 9.0 | 3 |
| 3 | Chip-compatible wide-field 3D nanoscopy through tunable spatial frequency shift effect. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1. | 5.1 | 5 |
| 4 | Farâ€Field Superresolution Imaging via Spatial Frequency Modulation. Laser and Photonics Reviews, 2020, 14, 1900011. | 8.7 | 15 |
| 5 | Super-Resolution Microscopy: On-Chip Super-Resolution Imaging with Fluorescent Polymer Films (Adv.) Tj ETQq1 1 0.784314 rgBT /Ov | 14.9 | 4 |
| 6 | Si<sub>3</sub>N<sub>4</sub> waveguide platform for label-free super-resolution imaging: simulation and analysis. Journal Physics D: Applied Physics, 2019, 52, 284002. | 2.8 | 6 |
| 7 | Onâ€Chip Superâ€Resolution Imaging with Fluorescent Polymer Films. Advanced Functional Materials, 2019, 29, 1900126. | 14.9 | 19 |
| 8 | Applications of nanostructures in wide-field, label-free super resolution microscopy. Chinese Physics B, 2018, 27, 118704. | 1.4 | 4 |
| 9 | Label-free cell nuclear imaging by GrÃ¼neisen relaxation photoacoustic microscopy. Optics Letters, 2018, 43, 947. | 3.3 | 26 |
| 10 | Fast response CdS-CdS Te1â^'-CdTe core-shell nanobelt photodetector. Science Bulletin, 2018, 63, 1118-1124. | 9.0 | 24 |
| 11 | Polarized light source based on graphene-nanoribbon hybrid structure. Optics Communications, 2017, 395, 76-81. | 2.1 | 10 |
| 12 | Fluorescent Nanowire Ring Illumination for Wide-Field Far-Field Subdiffraction Imaging. Physical Review Letters, 2017, 118, 076101. | 7.8 | 62 |
| 13 | High-contrast wide-field evanescent wave illuminated subdiffraction imaging. Optics Letters, 2017, 42, 4569. | 3.3 | 19 |
| 14 | Design of hybrid structure for fast and deep surface plasmon polariton modulation. Optics Express, 2016, 24, 17069. | 3.4 | 7 |
| 15 | Control, optimization and measurement of parameters of semiconductor nanowires lasers. Nano Energy, 2015, 14, 340-354. | 16.0 | 19 |
| 16 | Broadly Defining Lasing Wavelengths in Single Bandgap-Graded Semiconductor Nanowires. Nano Letters, 2014, 14, 3153-3159. | 9.1 | 84 |