Xiaowei Liu

List of Publications by Year
in descending order

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	Broadly Defining Lasing Wavelengths in Single Bandgap-Graded Semiconductor Nanowires. Nano Letters, 2014, 14, 3153-3159.	9.1	84
2	Fluorescent Nanowire Ring Illumination for Wide-Field Far-Field Subdiffraction Imaging. Physical Review Letters, 2017, 118, 076101.	7.8	62
3	Label-free cell nuclear imaging by GrÃ¼neisen relaxation photoacoustic microscopy. Optics Letters, 2018, 43, 947.	3.3	26
4	Fast response CdS-CdS Te1â^'-CdTe core-shell nanobelt photodetector. Science Bulletin, 2018, 63, 1118-1124.	9.0	24
5	Control, optimization and measurement of parameters of semiconductor nanowires lasers. Nano Energy, 2015, 14, 340-354.	16.0	19
6	High-contrast wide-field evanescent wave illuminated subdiffraction imaging. Optics Letters, 2017, 42, 4569.	3.3	19
7	Onâ€Chip Superâ€Resolution Imaging with Fluorescent Polymer Films. Advanced Functional Materials, 2019, 29, 1900126.	14.9	19
8	Farâ€Field Superresolution Imaging via Spatial Frequency Modulation. Laser and Photonics Reviews, 2020, 14, 1900011.	8.7	15
9	Polarized light source based on graphene-nanoribbon hybrid structure. Optics Communications, 2017, 395, 76-81.	2.1	10
10	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
11	Design of hybrid structure for fast and deep surface plasmon polariton modulation. Optics Express, 2016, 24, 17069.	3.4	7
12	Si₃N₄ waveguide platform for label-free super-resolution imaging: simulation and analysis. Journal Physics D: Applied Physics, 2019, 52, 284002.	2.8	6
13	Chip-compatible wide-field 3D nanoscopy through tunable spatial frequency shift effect. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	5
14	Applications of nanostructures in wide-field, label-free super resolution microscopy. Chinese Physics B, 2018, 27, 118704.	1.4	4
15	Super-Resolution Microscopy: On-Chip Super-Resolution Imaging with Fluorescent Polymer Films (Adv.) Tj ETQq1 1 0.784314 rgBT /Over	14.9	4
16	Spatial-frequency-shift enables integrated super-resolution microscopy: advance and perspective. Science Bulletin, 2022, 67, 1317-1321.	9.0	3