

# Peizhen Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9757522/publications.pdf>

Version: 2024-02-01

10  
papers

169  
citations

1478505

6  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

247  
citing authors

#	ARTICLE	IF	CITATIONS
1	On-chip single-mode CdS nanowire laser. <i>Light: Science and Applications</i> , 2020, 9, 42.	16.6	45
2	Plasmonic Nanolasers: Pursuing Extreme Lasing Conditions on Nanoscale. <i>Advanced Optical Materials</i> , 2019, 7, 1900334.	7.3	36
3	Elastic ice microfibers. <i>Science</i> , 2021, 373, 187-192.	12.6	35
4	Femtosecond Mode-locked Fiber Laser at 1 $\mu$ m Via Optical Microfiber Dispersion Management. <i>Scientific Reports</i> , 2018, 8, 4732.	3.3	22
5	Single-Nanowire Thermo-Optic Modulator Based on a Varshni Shift. <i>ACS Photonics</i> , 2020, 7, 2571-2577.	6.6	10
6	On-Chip Dual Electro-Optic and Optoelectric Modulation Based on ZnO Nanowire-Coated Photonic Crystal Nanocavity. <i>Advanced Optical Materials</i> , 2018, 6, 1800374.	7.3	6
7	Fast Lasing Wavelength Tuning in Single Nanowires. <i>Advanced Optical Materials</i> , 2019, 7, 1900797.	7.3	6
8	Strong coupling of a plasmonic nanoparticle to a semiconductor nanowire. <i>Nanophotonics</i> , 2021, 10, 2875-2881.	6.0	6
9	Plasmonic Nanolasers: Pursuing Extreme Lasing Conditions on Nanoscale (Advanced Optical Materials 17/2019). <i>Advanced Optical Materials</i> , 2019, 7, 1970064.	7.3	3
10	Electro-Optic Modulators: On-Chip Dual Electro-Optic and Optoelectric Modulation Based on ZnO Nanowire-Coated Photonic Crystal Nanocavity (Advanced Optical Materials 17/2018). <i>Advanced Optical Materials</i> , 2018, 6, 1870069.	7.3	0