

# Zhonghe Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7002936/publications.pdf>

Version: 2024-02-01

12  
papers

349  
citations

1478505

6  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

595  
citing authors

#	ARTICLE	IF	CITATIONS
1	Buried InP/Airhole Photonicâ€Crystal Surfaceâ€Emitting Lasers. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2021, 218, 2000416.	1.8	14
2	Photonic crystal nanobeam cavities with lateral fins. <i>Nanophotonics</i> , 2021, .	6.0	1
3	A Portable Micro-Gas Chromatography with Integrated Photonic Crystal Slab Sensors on Chip. <i>Biosensors</i> , 2021, 11, 326.	4.7	18
4	Bioresorbable Multilayer Photonic Cavities as Temporary Implants for Tether-Free Measurements of Regional Tissue Temperatures. <i>BME Frontiers</i> , 2021, 2021, .	4.5	7
5	Full $2\pi$ phase shift from single and double layer photonic crystal slabs. , 2021, , .		0
6	Complete $2\pi$ phase control by photonic crystal slabs. <i>Optics Express</i> , 2021, 29, 40795.	3.4	6
7	Bioresorbable photonic devices for the spectroscopic characterization of physiological status and neural activity. <i>Nature Biomedical Engineering</i> , 2019, 3, 644-654.	22.5	98
8	Bioresorbable optical sensor systems for monitoring of intracranial pressure and temperature. <i>Science Advances</i> , 2019, 5, eaaw1899.	10.3	146
9	Integrated Bioresorbable Optical Sensor Systems for Biomedical Pressure and Temperature Monitoring. , 2019, , .		3
10	2D Material Printing for Cavity Integration. , 2018, , .		0
11	Flexible Transient Optical Waveguides and Surfaceâ€Wave Biosensors Constructed from Monocrystalline Silicon. <i>Advanced Materials</i> , 2018, 30, e1801584.	21.0	55
12	Optical Waveguides: Flexible Transient Optical Waveguides and Surface-Wave Biosensors Constructed from Monocrystalline Silicon ( <i>Adv. Mater.</i> 32/2018). <i>Advanced Materials</i> , 2018, 30, 1870239.	21.0	1