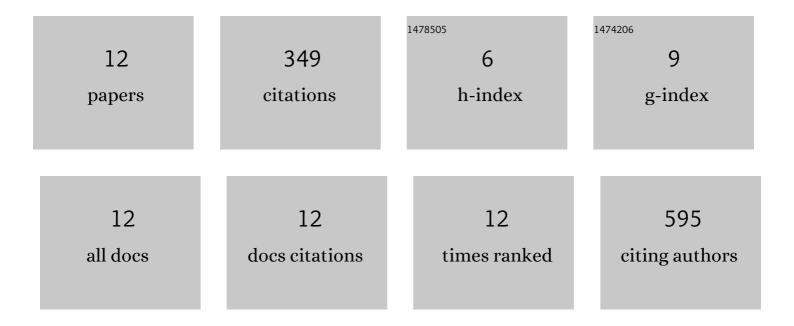
## Zhonghe Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7002936/publications.pdf Version: 2024-02-01



ZHONCHE LUL

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

12 Full \$2pi\$ phase shift from single and double layer photonic crystal slabs. , 2021, , .