

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	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 Surface-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 Photonic-Crystal Surface-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 π phase shift from single and double layer photonic crystal slabs. , 2021, , .		0