Chuyu Zhong

List of Publications by Year
in descending order

14 papers	**172** citations	1306789 **7** h-index	1199166 **12** g-index
15 all docs	**15** docs citations	**15** times ranked	**130** citing authors

#	Article	IF	Citations
1	Interlayer Slope Waveguide Coupler for Multilayer Chalcogenide Photonics. Photonics, 2022, 9, 94.	0.9	0
2	Silicon Thermo-Optic Switches with Graphene Heaters Operating at Mid-Infrared Waveband. Nanomaterials, 2022, 12, 1083.	1.9	13
3	Matrix eigenvalue solver based on reconfigurable photonic neural network. Nanophotonics, 2022, 11, 4089-4099.	2.9	9
4	Flexible passive integrated photonic devices with superior optical and mechanical performance. Optics Express, 2022, 30, 26534.	1.7	2
5	Waveguide-Integrated PdSe$_2$ Photodetector over a Broad Infrared Wavelength Range. Nano Letters, 2022, 22, 6816-6824.	4.5	18
6	Free-spectral-range-free filters with ultrawide tunability across the S‰+‰C‰+‰L band. Photonics Research, 2021, 9, 1013.	3.4	12
7	A universal approach for photonic integration on flexible substrates. , 2021, , .		0
8	Fast thermo-optical modulators with doped-silicon heaters operating at 2 μm. Optics Express, 2021, 29, 23508.	1.7	27
9	High-Performance Waveguide-Integrated Bi$_2$O$_2$Se Photodetector for Si Photonic Integrated Circuits. ACS Nano, 2021, 15, 15982-15991.	7.3	33
10	Graphene-based all-optical modulators. Frontiers of Optoelectronics, 2020, 13, 114-128.	1.9	47
11	VCSEL array thermal-distribution optimized by mesas rearrangement. Optik, 2019, 186, 443-448.	1.4	1
12	Low Thermal Crosstalk 808-nm VCSEL Arrays With Nonlinear Mesa Configuration. IEEE Photonics Journal, 2018, 10, 1-8.	1.0	5
13	Few-mode vertical-cavity surface-emitting laser: Optional emission of transverse modes with different polarizations. Applied Physics Express, 2018, 11, 052702.	1.1	0
14	Vertical-Cavity Surface-Emitting Lasers With Two Emission-Controllable Transverse Modes. IEEE Photonics Technology Letters, 2017, 29, 1840-1843.	1.3	4