

Chuyu Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

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