

Hongwei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Numerical Demonstration of 800 Gbps WDM Silicon Photonic Transmitter with Sub-Decibel Surface-Normal Optical Interfaces. <i>Micromachines</i> , 2022, 13, 251.	2.9	3
2	Intrinsic Layer Zn Doping Diffusion Control and Bandwidth Modulation of InP/InGaAs/InP Photodiode. <i>IEEE Photonics Technology Letters</i> , 2021, 33, 503-506.	2.5	2
3	Vertical Fibre Interfacing Interleaved Angled MMI for Thermal-Tuning-Free Wavelength Division (de)Multiplexing and Low-Cost Fibre Packaging. <i>Journal of Lightwave Technology</i> , 2021, 39, 6260-6268.	4.6	3
4	High-Efficiency Two-Dimensional Perfectly Vertical Grating Coupler With Ultra-Low Polarization Dependent Loss and Large Fibre Misalignment Tolerance. <i>IEEE Journal of Quantum Electronics</i> , 2021, 57, 1-7.	1.9	5
5	Two-dimensional apodized grating coupler for polarization-independent and surface-normal optical coupling. <i>Journal of Lightwave Technology</i> , 2020, , 1-1.	4.6	15
6	High-efficiency apodized bidirectional grating coupler for perfectly vertical coupling. <i>Optics Letters</i> , 2019, 44, 5081.	3.3	22
7	High-Power LED Photoelectrothermal Analysis Based on Backpropagation Artificial Neural Networks. <i>IEEE Transactions on Electron Devices</i> , 2017, 64, 2867-2873.	3.0	15
8	Highly efficient vertical fiber interfacing grating coupler with bilayer anti-reflection cladding and backside metal mirror. <i>Optics and Laser Technology</i> , 2017, 90, 136-143.	4.6	13
9	Integrated silicon photonic interconnect with surface-normal optical interface. <i>Optics Communications</i> , 2016, 367, 206-213.	2.1	5
10	Misalignment-Tolerant Silicon Optical Modulator With Surface-Normal Optical Interface. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1052-1055.	2.5	6