

Hongwei Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1684188

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1372567

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all docs

10
docs citations

10
times ranked

86
citing authors

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