

Yingtao Hu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

746
citations

933447

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1372567

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13
all docs

13
docs citations

13
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	25 Gbit/s silicon microring modulator based on misalignment-tolerant interleaved PN junctions. Optics Express, 2012, 20, 2507.	3.4	165
2	Broadband 10 Gb/s operation of graphene electro-absorption modulator on silicon. Laser and Photonics Reviews, 2016, 10, 307-316.	8.7	144
3	High speed silicon Mach-Zehnder modulator based on interleaved PN junctions. Optics Express, 2012, 20, 15093.	3.4	116
4	44-Gb/s Silicon Microring Modulators Based on Zigzag PN Junctions. IEEE Photonics Technology Letters, 2012, 24, 1712-1714.	2.5	97
5	High-speed silicon modulator based on cascaded microring resonators. Optics Express, 2012, 20, 15079.	3.4	79
6	III/V-on-Si MQW lasers by using a novel photonic integration method of regrowth on a bonding template. Light: Science and Applications, 2019, 8, 93.	16.6	68
7	An Energy-Efficient and Bandwidth-Scalable DWDM Heterogeneous Silicon Photonics Integration Platform. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-19.	2.9	21
8	An advanced III-V-on-silicon photonic integration platform. Opto-Electronic Advances, 2021, 4, 200094-200094.	13.3	19
9	Fully-Integrated Heterogeneous DML Transmitters for High-Performance Computing. Journal of Lightwave Technology, 2020, 38, 3322-3337.	4.6	18
10	Ultra-power-efficient heterogeneous III-V/Si MOSCAP (de-)interleavers for DWDM optical links. Photonics Research, 2022, 10, A22.	7.0	12
11	Electrically-Pumped 1.31 μ m MQW Lasers by Direct Epitaxy on Wafer-Bonded InP-on-SOI Substrate. , 2018, , .		5
12	High speed silicon Mach-Zehnder modulator with circuit model analysis. , 2012, , .		1
13	A bonded template-assisted monolithic integration platform. , 2019, , .		1