

Aaron Maharry

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A 50-GBaud QPSK Optical Receiver With a Phase/Frequency Detector for Energy-Efficient Intra-Data Center Interconnects. IEEE Open Journal of the Solid-State Circuits Society, 2022, 2, 50-60.	2.7	10
2	Optical Transmitter Equalization With Tunable Mismatched Terminations in a Silicon Modulator. IEEE Photonics Technology Letters, 2022, 34, 775-778.	2.5	1
3	Analog Coherent Detection for Energy Efficient Intra-Data Center Links at 200 Gbps Per Wavelength. Journal of Lightwave Technology, 2021, 39, 520-531.	4.6	43
4	A PCB Packaging Platform Enabling 100+ Gbaud Optoelectronic Device Testing. , 2021, , .		7
5	Energy Optimization for Optical Receivers Based on a Cherry-Hooper Emitter Follower Transimpedance Amplifier Front-end in 130-nm SiGe HBT Technology. Journal of Lightwave Technology, 2021, 39, 7393-7405.	4.6	4
6	Heterogeneously Integrated O-band SG-DBR Lasers for Short Reach Analog Coherent Links. , 2021, , .		2
7	A Fully Integrated O-band Coherent Optical Receiver Operating up to 80 Gb/s. , 2021, , .		4
8	An 8.2-pJ/bit, 56 Gb/s Traveling-wave Modulator Driver with Large Reverse Terminations. , 2021, , .		2
9	Analysis and Monolithic Implementation of Differential Transimpedance Amplifiers. Journal of Lightwave Technology, 2020, 38, 4409-4418.	4.6	7
10	A 108-Gbps, 162-mW Cherry-Hooper Transimpedance Amplifier. , 2020, , .		8
11	A Novel Architecture for a Two-Tap Feed-Forward Optical or Electrical Domain Equalizer using a Differential Element. , 2019, , .		2