

Aaron Maharry

List of Publications by Year in descending order

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papers

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1937685

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | A 108-Gbps, 162-mW Cherry-Hooper Transimpedance Amplifier. , 2020, , . | | 8 |
| 4 | Analysis and Monolithic Implementation of Differential Transimpedance Amplifiers. Journal of Lightwave Technology, 2020, 38, 4409-4418. | 4.6 | 7 |
| 5 | A PCB Packaging Platform Enabling 100+ Gbaud Optoelectronic Device Testing. , 2021, , . | | 7 |
| 6 | 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 |
| 7 | A Fully Integrated O-band Coherent Optical Receiver Operating up to 80 Gb/s. , 2021, , . | | 4 |
| 8 | A Novel Architecture for a Two-Tap Feed-Forward Optical or Electrical Domain Equalizer using a Differential Element. , 2019, , . | | 2 |
| 9 | Heterogeneously Integrated O-band SG-DBR Lasers for Short Reach Analog Coherent Links. , 2021, , . | | 2 |
| 10 | An 8.2-pJ/bit, 56 Gb/s Traveling-wave Modulator Driver with Large Reverse Terminations. , 2021, , . | | 2 |
| 11 | Optical Transmitter Equalization With Tunable Mismatched Terminations in a Silicon Modulator. IEEE Photonics Technology Letters, 2022, 34, 775-778. | 2.5 | 1 |