

Minoru Ida

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

239
citations

1307594

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1720034

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docs citations

10
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband-Packaging Technology and High-Speed Operation of Integrated Optical Front-End Module with InP Devices for Over 1 Tb/s Optical Transmission. IEJ Transactions on Electronics, Information and Systems, 2022, 142, 360-366.	0.2	0
2	>100-GHz Bandwidth Directly-Modulated Lasers and Adaptive Entropy Loading for Energy-Efficient >300-Gbps IM/DD Systems. Journal of Lightwave Technology, 2021, 39, 771-778.	4.6	18
3	80-GHz Bandwidth and 1.5-V InP-Based IQ Modulator. Journal of Lightwave Technology, 2020, 38, 249-255.	4.6	67
4	A Beyond-1-Tb/s Coherent Optical Transmitter Front-End Based on 110-GHz-Bandwidth 2:1 Analog Multiplexer in 250-nm InP DHBT. IEEE Journal of Solid-State Circuits, 2020, 55, 2301-2315.	5.4	37
5	Net 321.24-Gb/s IMDD Transmission Based on a >100-GHz Bandwidth Directly-Modulated Laser. , 2020, , .		13
6	Feasibility Study of Wafer-Level Backside Process for InP-Based ICs. IEEE Transactions on Electron Devices, 2019, 66, 3771-3776.	3.0	16
7	Digital-Preprocessed Analog-Multiplexed DAC for High-Speed Optical Communications. , 2019, , .		0
8	IMDD Transmission at Net Data Rate of 333 Gb/s Using Over-100-GHz-Bandwidth Analog Multiplexer and Mach-Zehnder Modulator. Journal of Lightwave Technology, 2019, 37, 1772-1778.	4.6	27
9	High-Speed InP/InGaAsSb DHBT on High-Thermal-Conductivity SiC Substrate. IEEE Electron Device Letters, 2018, 39, 807-810.	3.9	27
10	Over 450-GHz f _t and f _{max} InP/InGaAs DHBTs With a Passivation Ledge Fabricated by Utilizing SiN/SiO ₂ Sidewall Spacers. IEEE Transactions on Electron Devices, 2014, 61, 3423-3428.	3.0	34