

# Minoru Ida

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7887244/publications.pdf>

Version: 2024-02-01

10  
papers

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citations

1307594

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1720034

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docs citations

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times ranked

297  
citing authors

#	ARTICLE	IF	CITATIONS
1	80-GHz Bandwidth and 1.5-V V<sub>π</sub> InP-Based IQ Modulator. Journal of Lightwave Technology, 2020, 38, 249-255.	4.6	67
2	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
3	Over 450-GHz f<sub>t</sub> and f<sub>max</sub> InP/InGaAs DHBTs With a Passivation Ledge Fabricated by Utilizing SiN/SiO<sub>2</sub> Sidewall Spacers. IEEE Transactions on Electron Devices, 2014, 61, 3423-3428.	3.0	34
4	High-Speed InP/InGaAsSb DHBT on High-Thermal-Conductivity SiC Substrate. IEEE Electron Device Letters, 2018, 39, 807-810.	3.9	27
5	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
6	>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
7	Feasibility Study of Wafer-Level Backside Process for InP-Based ICs. IEEE Transactions on Electron Devices, 2019, 66, 3771-3776.	3.0	16
8	Net 321.24-Gb/s IMDD Transmission Based on a >100-GHz Bandwidth Directly-Modulated Laser. , 2020, , .		13
9	Digital-Preprocessed Analog-Multiplexed DAC for High-Speed Optical Communications. , 2019, , .		0
10	Broadband-Packaging Technology and High-Speed Operation of Integrated Optical Front-End Module with InP Devices for Over 1 Tb/s Optical Transmission. IEEE Transactions on Electronics, Information and Systems, 2022, 142, 360-366.	0.2	0