

# Tatsuro Hiraki

## List of Publications by Year in descending order

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11  
papers

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citations

1684188

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1872680

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docs citations

11  
times ranked

39  
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane InGaAsP Mach-Zehnder Modulator Integrated With Optical Amplifier on Si Platform. Journal of Lightwave Technology, 2020, 38, 3030-3036.	4.6	20
2	Membrane InGaAsP Mach-Zehnder modulator with SiN:D waveguides on Si platform. Optics Express, 2019, 27, 18612.	3.4	16
3	Membrane III-V/Si DFB Laser Using Uniform Grating and Width-Modulated Si Waveguide. Journal of Lightwave Technology, 2020, 38, 2961-2967.	4.6	15
4	Integration of a high-efficiency Mach-Zehnder modulator with a DFB laser using membrane InP-based devices on a Si photonics platform. Optics Express, 2021, 29, 2431.	3.4	13
5	50-GHz-Bandwidth Membrane InGaAsP Electro-Absorption Modulator on Si Platform. Journal of Lightwave Technology, 2021, 39, 5300-5306.	4.6	6
6	Cross-gain modulation-based photonic reservoir computing using low-power-consumption membrane SOA on Si. Optics Express, 2022, 30, 22871.	3.4	5
7	Reservoir Computing with Low-Power-Consumption All-Optical Nonlinear Activation Using Membrane SOA on Si. , 2021, , .		4
8	Over-67-GHz-bandwidth Membrane InGaAlAs EADFB Laser on Si Platform. , 2022, , .		2
9	Heterogeneously Integrated Membrane DFB Laser and Si Mach-Zehnder Modulator on Si Photonics Platform. , 2020, , .		1
10	60-GHz-bandwidth O-band Membrane InGaAlAs Electro-Absorption Modulator on Si Platform. , 2021, , .		1
11	Membrane InP-based Modulator and Laser on Si. , 2021, , .		0