

# Xueyang Li

## List of Publications by Year in descending order

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20  
papers

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1163117

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docs citations

20  
times ranked

165  
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#	ARTICLE	IF	CITATIONS
1	Net 300 Gbps Transmission Over 2 km of SMF With a Silicon Photonic Mach-Zehnder Modulator. IEEE Photonics Technology Letters, 2021, 33, 1391-1394.	2.5	31
2	Net 220 Gbps IM/DD Transmission in O-Band and C-Band With Silicon Photonic Traveling-Wave MZM. Journal of Lightwave Technology, 2021, 39, 4270-4278.	4.6	24
3	Asymmetric self-coherent detection. Optics Express, 2021, 29, 25412.	3.4	22
4	240 Gbit/s Silicon Photonic Mach-Zehnder Modulator Enabled by Two 2.3-Vpp Drivers. Journal of Lightwave Technology, 2020, , 1-1.	4.6	20
5	Net 212.5 Gbit/s Transmission in O-band With a SiP MZM, One Driver and Linear Equalization. , 2020, , .		14
6	Net 4 Gb/s underwater optical wireless communication system over 2 m using a single-pixel GaN-based blue mini-LED and linear equalization. Optics Letters, 2022, 47, 1976.	3.3	13
7	Asymmetric direct detection of twin-SSB signals. Optics Letters, 2020, 45, 844.	3.3	11
8	102 Gbaud PAM-4 transmission over 2 km using a pulse shaping filter with asymmetric ISI and Tomlinson-Harashima Precoding. , 2020, , .		8
9	3.8 Gb/s PAM-4 UOWC System Over a 2-m Underwater Channel Enabled by a Single-Pixel 175- $\mu$ m GaN-Based Mini-LED. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	8
10	2D Constellation Distortion for Subduing Equalization Noise in Bandwidth-Limited IMDD Systems. IEEE Photonics Technology Letters, 2022, 34, 267-270.	2.5	8
11	200 GBIT/S net rate transmission over 2 KM with a silicon photonic segmented MZM. , 2019, , .		7
12	Cost-minimizing distribution matching supporting net 800 Gbit/s PS-PAM transmission over 2 km using a 4-bit EML TOSA. Optics Letters, 2020, 45, 4718.	3.3	7
13	Asymmetric direct detection of orthogonal offset carriers assisted polarization multiplexed single-sideband signals. Optics Express, 2020, 28, 3226.	3.4	6
14	Asymmetric Self-Coherent Detection Based on Mach-Zehnder Interferometers. Journal of Lightwave Technology, 2022, 40, 2023-2032.	4.6	6
15	4-bit DAC based 6.9 Gb/s PAM-8 UOWC system using single-pixel mini-LED and digital pre-compensation. Optics Express, 2022, 30, 28014.	3.4	6
16	Demonstration of C-Band Amplifier-Free 100 Gb/s Direct-Detection Links Beyond 40-km SMF Using a High-Power SSB Transmitter. Journal of Lightwave Technology, 2020, , 1-1.	4.6	5
17	Experimental Demonstration of 600 Gb/s Net Rate PAM4 Transmissions over 2 km and 10 km with a 4-bit CWDM TOSA. Journal of Lightwave Technology, 2020, , 1-1.	4.6	5
18	Net 5.75 Gbps/2 m Single-Pixel Blue Mini-LED Based Underwater Wireless Communication System Enabled by Partial Pre-Emphasis and Nonlinear Pre-Distortion. Journal of Lightwave Technology, 2022, 40, 6116-6122.	4.6	5

#	ARTICLE	IF	CITATIONS
19	Partial Pre-Emphasis for Pluggable 400 G Short-Reach Coherent Systems. Future Internet, 2019, 11, 256.	3.8	2
20	Study on the Compensation of Silicon Photonics-Based Modulators in DCI Applications. , 2020, , .		0