Xueyang Li

List of Publications by Year
in descending order

20	208	1163117 8	1125743 13
papers	citations	h-index	g-index

20	20	20	165
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Asymmetric Self-Coherent Detection Based on Mach-Zehnder Interferometers. Journal of Lightwave Technology, 2022, 40, 2023-2032.	4.6	6
2	3.8 Gb/s PAM-4 UOWC System Over a 2-m Underwater Channel Enabled by a Single-Pixel 175-Î¼m GaN-Based Mini-LED. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	8
3	2D Constellation Distortion for Subduing Equalization Noise in Bandwidth- Limited IMDD Systems. IEEE Photonics Technology Letters, 2022, 34, 267-270.	2.5	8
4	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
5	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
6	4-bit DAC based 6.9Gb/s PAM-8 UOWC system using single-pixel mini-LED and digital pre-compensation. Optics Express, 2022, 30, 28014.	3.4	6
7	Net 220 Gbps/Î» IM/DD Transmssion in O-Band and C-Band With Silicon Photonic Traveling-Wave MZM. Journal of Lightwave Technology, 2021, 39, 4270-4278.	4.6	24
8	Asymmetric self-coherent detection. Optics Express, 2021, 29, 25412.	3.4	22
9	Net 300 Gbps/Î» Transmission Over 2 km of SMF With a Silicon Photonic Mach-Zehnder Modulator. IEEE Photonics Technology Letters, 2021, 33, 1391-1394.	2.5	31
10	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
11	Study on the Compensation of Silicon Photonics-Based Modulators in DCI Applications. , 2020, , .		0
12	Experimental Demonstration of 600 Gb/s Net Rate PAM4 Transmissions over 2 km and 10 km with a 4-Î» CWDM TOSA. Journal of Lightwave Technology, 2020, , 1-1.	4.6	5
13	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
14	Asymmetric direct detection of twin-SSB signals. Optics Letters, 2020, 45, 844.	3.3	11
15	Asymmetric direct detection of orthogonal offset carriers assisted polarization multiplexed single-sideband signals. Optics Express, 2020, 28, 3226.	3.4	6
16	Cost-minimizing distribution matching supporting net 800â€‰â€‰Gbit/s PS-PAM transmission over 2â€‰â€‰km using a 4-Î» EML TOSA. Optics Letters, 2020, 45, 4718.	3.3	7
17	102 Gbaud PAM-4 transmission over 2 km using a pulse shaping filter with asymmetric ISI and Thomlinson-Harashima Precoding. , 2020, , .		8
18	Net 212.5 Gbit/s Transmission in O-band With a SiP MZM, One Driver and Linear Equalization. , 2020, , .		14

#	Article	IF	Citations
19	Partial Pre-Emphasis for Pluggable 400 G Short-Reach Coherent Systems. Future Internet, 2019, 11, 256.	3.8	2
20	200 GBIT/S net rate transmission over 2 KM with a silicon photonic segmented MZM. , 2019, , .		7