

Qian Hu

List of Publications by Year in descending order

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16
papers

281
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1684188

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316
citing authors

#	ARTICLE	IF	CITATIONS
1	120 GSa/s BiCMOS AMUX for 360 Gbit/s High-Information-Rate Signal Generation Demonstrated in 10 km IM/DD System. Journal of Lightwave Technology, 2022, 40, 1330-1338.	4.6	2
2	Ultrahigh-Net-Bitrate 363 Gbit/s PAM-8 and 279 Gbit/s Polybinary Optical Transmission Using Plasmonic Mach-Zehnder Modulator. Journal of Lightwave Technology, 2022, 40, 3338-3346.	4.6	21
3	Optical Field Reconstruction of Real-Valued Modulation Using a Single-Ended Photoreceiver With Half-Symbol-Rate Bandwidth. Journal of Lightwave Technology, 2021, 39, 1194-1203.	4.6	1
4	1-to-4 Analog Demultiplexer With up to 128 GS/s for Interleaving of Bandwidth-Limited Digitizers in Wireline and Optical Receivers. IEEE Journal of Solid-State Circuits, 2021, 56, 2611-2623.	5.4	7
5	DCI Field Trial Demonstrating 1.3-Tb/s Single-Channel and 50.8-Tb/s WDM Transmission Capacity. Journal of Lightwave Technology, 2020, 38, 2710-2718.	4.6	19
6	Novel Optical Field Reconstruction for IM/DD with Receiver Bandwidth Well Below Full Optical Signal Bandwidth. , 2020, , .		3
7	49.2-Tbit/s WDM Transmission Over 2x93-km Field-Deployed Fiber. , 2020, , .		0
8	IM/DD Beyond Bandwidth Limitation for Data Center Optical Interconnects. Journal of Lightwave Technology, 2019, 37, 4940-4946.	4.6	59
9	84 GBd Faster-Than-Nyquist PAM-4 Transmission Using Only Linear Equalizer at Receiver. , 2019, , .		10
10	Up to 94 GBd THP PAM-4 Transmission with 33 GHz Bandwidth Limitation. , 2018, , .		23
11	Advanced C+L-Band Transoceanic Transmission Systems Based on Probabilistically Shaped PDM-64QAM. Journal of Lightwave Technology, 2017, 35, 1291-1299.	4.6	117
12	Beating Bandwidth Limitation for High-speed PAM-4 Transmission Based on Turbo Equalizer. , 2017, , .		1
13	Inter-Channel Crosstalk Compensation for Time-Frequency Packing Systems. , 2017, , .		3
14	Experimental Demonstration of Probabilistically Shaped QAM. , 2017, , .		3
15	Transmit Filter Optimization for Improved Performance of Time-Frequency Packing Systems. , 2017, , .		0
16	Flexible Optical Transmission close to the Shannon Limit by Probabilistically Shaped QAM. , 2017, , .		12