

Meng Xiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3857123/publications.pdf>

Version: 2024-02-01

13
papers

171
citations

1163117
8
h-index

1125743
13
g-index

13
all docs

13
docs citations

13
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced DSP Enabled C-Band 112 Gbit/s λ PAM-4 Transmissions With Severe Bandwidth-Constraint. Journal of Lightwave Technology, 2022, 40, 987-996.	4.6	22
2	C-band 200 Gbit/s λ PAM-4 transmission over 2-km SSMF using look-up-table pre-distortion combined with nonlinear Tomlinson-Harashima pre-coding. Optics Express, 2022, 30, 15416.	3.4	4
3	Hardware-Efficient Blind Frequency Offset Estimation for Spectral-Efficient Digital Subcarrier Multiplexing Systems. Journal of Lightwave Technology, 2022, 40, 4246-4256.	4.6	4
4	Complexity Reduction With a Simplified MIMO Volterra Filter for PDM-Twin-SSB PAM-4 Transmission. Journal of Lightwave Technology, 2020, 38, 769-776.	4.6	13
5	Experimental Demonstration of 600 Gb/s Net Rate PAM4 Transmissions over 2 km and 10 km with a 4 λ CWDM TOSA. Journal of Lightwave Technology, 2020, , 1-1.	4.6	5
6	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
7	Dual Parallel Multielectrode Traveling Wave Mach-Zehnder Modulator for 200 Gb/s Intra-datacenter Optical Interconnects. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	5
8	Blind Adaptive Digital Backpropagation for Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2018, 36, 1746-1756.	4.6	21
9	Bandwidth variable transceivers with artificial neural network-aided provisioning and capacity improvement capabilities in meshed optical networks with cascaded ROADM filtering. Optics Communications, 2018, 409, 23-33.	2.1	14
10	Single-Lane 145 Gbit/s IM/DD Transmission With Faster-Than-Nyquist PAM4 Signaling. IEEE Photonics Technology Letters, 2018, 30, 1238-1241.	2.5	40
11	Experimental study of performance enhanced IM/DD transmissions based on constellation switching. Optics Express, 2018, 26, 15480.	3.4	9
12	Experimental study of performance enhanced IM/DD transmissions combining 4D Trellis coded modulation with precoding. Optics Express, 2018, 26, 32522.	3.4	12
13	Low-Complexity One-Step Digital Back-Propagation for Single Span High-Capacity Coherent Transmissions. IEEE Photonics Journal, 2017, 9, 1-11.	2.0	2