

Abdallah A I Ali

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

106
citations

1478505

6
h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration of 10-channel mode- and polarization-division multiplexed free-space optical transmission with successive interference cancellation DSP. Optics Letters, 2022, 47, 2742.	3.3	10
2	Single-wavelength transmission at 1.1-Tbit/s net data rate over a multi-modal free-space optical link using commercial devices. Optics Letters, 2022, 47, 3495.	3.3	8
3	Coupled Transceiver-Fiber Nonlinearity Compensation Based on Machine Learning for Probabilistic Shaping System. Journal of Lightwave Technology, 2021, 39, 388-399.	4.6	16
4	Digital compensation of imperfect pump counter-phasing induced phase distortion in optical phase conjugation of high-order QAM. Optics Express, 2021, 29, 17464.	3.4	6
5	RIN induced penalties in G654E and G652D based distributed Raman amplifiers for coherent transmission systems. Optics Express, 2021, 29, 32081.	3.4	1
6	Theoretical analysis of long-haul systems adopting mode-division multiplexing. Optics Communications, 2019, 445, 10-18.	2.1	7
7	The Impact of Dispersion Slope on Fiber Nonlinearity in Ultra-Wideband Optical Communication System. , 2018, , .		1
8	An Expression for Nonlinear Noise in Optical Phase Conjugation Systems With Lumped Amplifiers. IEEE Photonics Technology Letters, 2018, 30, 2056-2059.	2.5	4
9	Experimental demonstration of 72% reach enhancement of 36Tbps optical transmission system using mid-link optical phase conjugation. Optics Express, 2018, 26, 23960.	3.4	18
10	Analysis of the nonlinear Kerr effects in optical transmission systems that deploy optical phase conjugation. Optics Express, 2018, 26, 3145.	3.4	24
11	224-Gb/s Carrier-Recovery-Free Doubly Differential 2ASK-8PSK for Short-Reach Optical Networks. IEEE Photonics Technology Letters, 2018, 30, 1463-1466.	2.5	1
12	Four-wave mixing in optical phase conjugation system with pre-dispersion. , 2017, , .		1
13	Nonamplified 100Gbps doubly differential QPSK optical signal transmission over 80 km SSMF without carrier recovery. , 2017, , .		0
14	Evaluation of Nonlinear Interference in Few-Mode Fiber Using the Gaussian Noise Model. , 2015, , .		2
15	Analytical formula of nonlinear interference in few-mode fibers in strong coupling regime. , 2015, , .		4
16	Kernel adaptive filtering-based phase noise compensation for pilot-free optical phase conjugated coherent systems. Optics Express, 0, , .	3.4	3