

# 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	Analysis of the nonlinear Kerr effects in optical transmission systems that deploy optical phase conjugation. Optics Express, 2018, 26, 3145.	3.4	24
2	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
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	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
5	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
6	Theoretical analysis of long-haul systems adopting mode-division multiplexing. Optics Communications, 2019, 445, 10-18.	2.1	7
7	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
8	Analytical formula of nonlinear interference in few-mode fibers in strong coupling regime. , 2015, , .		4
9	An Expression for Nonlinear Noise in Optical Phase Conjugation Systems With Lumped Amplifiers. IEEE Photonics Technology Letters, 2018, 30, 2056-2059.	2.5	4
10	Kernel adaptive filtering-based phase noise compensation for pilot-free optical phase conjugated coherent systems. Optics Express, 0, , .	3.4	3
11	Evaluation of Nonlinear Interference in Few-Mode Fiber Using the Gaussian Noise Model. , 2015, , .		2
12	Four-wave mixing in optical phase conjugation system with pre-dispersion. , 2017, , .		1
13	The Impact of Dispersion Slope on Fiber Nonlinearity in Ultra-Wideband Optical Communication System. , 2018, , .		1
14	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
15	RIN induced penalties in G654E and G652D based distributed Raman amplifiers for coherent transmission systems. Optics Express, 2021, 29, 32081.	3.4	1
16	Nonamplified 100Gbps doubly differential QPSK optical signal transmission over 80 km SSMF without carrier recovery. , 2017, , .		0