Mohammad A Z Al-Khateeb

List of Publications by Year
in descending order

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Version: 2024-02-01

20 papers	346 citations	933447 10 h-index	1125743 13 g-index
20 all docs	20 docs citations	20 times ranked	262 citing authors

#	Article	IF	Citations
1	4 Tb/s Transmission Reach Enhancement Using 10 Ã— 400 Gb/s Super-Channels and Polarization Insensitive Dual Band Optical Phase Conjugation. Journal of Lightwave Technology, 2016, 34, 1717-1723.	4.6	89
2	Capacity limits of systems employing multiple optical phase conjugators. Optics Express, 2015, 23, 20381.	3.4	64
3	Demonstration of Phase-Conjugated Subcarrier Coding for Fiber Nonlinearity Compensation in CO-OFDM Transmission. Journal of Lightwave Technology, 2015, 33, 2206-2212.	4.6	35
4	Analysis of the nonlinear Kerr effects in optical transmission systems that deploy optical phase conjugation. Optics Express, 2018, 26, 3145.	3.4	24
5	Effect of second order signalâ€“noise interactions in nonlinearity compensated optical transmission systems. Optics Letters, 2016, 41, 1849.	3.3	23
6	Nonlinearity compensation using optical phase conjugation deployed in discretely amplified transmission systems. Optics Express, 2018, 26, 23945.	3.4	23
7	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
8	Linear and Nonlinear Noise Characterisation of Dual Stage Broadband Discrete Raman Amplifiers. Journal of Lightwave Technology, 2019, 37, 3679-3688.	4.6	18
9	Combating Fiber Nonlinearity Using Dual-Order Raman Amplification and OPC. IEEE Photonics Technology Letters, 2019, 31, 877-880.	2.5	16
10	Distributed Raman Amplification for Fiber Nonlinearity Compensation in a Mid-Link Optical Phase Conjugation System. Sensors, 2022, 22, 758.	3.8	10
11	GPS Navigation and Tracking Device. International Journal of Interactive Mobile Technologies, 2011, 5, 39.	1.2	6
12	Four wave mixing in distributed Raman amplified optical transmission systems. , 2016, , .		5
13	An Expression for Nonlinear Noise in Optical Phase Conjugation Systems With Lumped Amplifiers. IEEE Photonics Technology Letters, 2018, 30, 2056-2059.	2.5	4
14	Enhanced Nonlinearity Compensation Efficiency of Optical Phase Conjugation System. , 2019, , .		4
15	Performance Enhancement Prediction for Optical Phase Conjugation in Systems with 100km Amplifier Spacing. , 2017, , .		2
16	Symmetry Requirements for 34dB Nonlinearity Compensation in OPC Systems. , 2018, , .		2
17	Distributed Raman Amplification for Combating Optical Nonlinearities in Fibre Transmission. , 2018, , .		2
18	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

#	Article	IF	Citations
19	Nonlinear Noise of Low Transmission Penalty Dual-Stage Discrete Raman Amplifier. IEEE Photonics Technology Letters, 2018, 30, 2076-2079.	2.5	0
20	Recent Advances in Discrete Raman Amplifiers and their Applications to Wideband Optical Networks. , 2019, , .		0