

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

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1125743

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all docs

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docs citations

20
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Raman Amplification for Fiber Nonlinearity Compensation in a Mid-Link Optical Phase Conjugation System. <i>Sensors</i> , 2022, 22, 758.	3.8	10
2	Linear and Nonlinear Noise Characterisation of Dual Stage Broadband Discrete Raman Amplifiers. <i>Journal of Lightwave Technology</i> , 2019, 37, 3679-3688.	4.6	18
3	Combating Fiber Nonlinearity Using Dual-Order Raman Amplification and OPC. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 877-880.	2.5	16
4	Recent Advances in Discrete Raman Amplifiers and their Applications to Wideband Optical Networks. , 2019, , .		0
5	Enhanced Nonlinearity Compensation Efficiency of Optical Phase Conjugation System. , 2019, , .		4
6	Symmetry Requirements for 34dB Nonlinearity Compensation in OPC Systems. , 2018, , .		2
7	Nonlinear Noise of Low Transmission Penalty Dual-Stage Discrete Raman Amplifier. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 2076-2079.	2.5	0
8	An Expression for Nonlinear Noise in Optical Phase Conjugation Systems With Lumped Amplifiers. <i>IEEE Photonics Technology Letters</i> , 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. <i>Optics Express</i> , 2018, 26, 23960.	3.4	18
10	Analysis of the nonlinear Kerr effects in optical transmission systems that deploy optical phase conjugation. <i>Optics Express</i> , 2018, 26, 3145.	3.4	24
11	224-Gb/s Carrier-Recovery-Free Doubly Differential 2ASK-8PSK for Short-Reach Optical Networks. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 1463-1466.	2.5	1
12	Nonlinearity compensation using optical phase conjugation deployed in discretely amplified transmission systems. <i>Optics Express</i> , 2018, 26, 23945.	3.4	23
13	Distributed Raman Amplification for Combating Optical Nonlinearities in Fibre Transmission. , 2018, , .		2
14	Performance Enhancement Prediction for Optical Phase Conjugation in Systems with 100km Amplifier Spacing. , 2017, , .		2
15	Four wave mixing in distributed Raman amplified optical transmission systems. , 2016, , .		5
16	Effect of second order signalâ€œnoise interactions in nonlinearity compensated optical transmission systems. <i>Optics Letters</i> , 2016, 41, 1849.	3.3	23
17	4 Tb/s Transmission Reach Enhancement Using 10 Å– 400 Gb/s Super-Channels and Polarization Insensitive Dual Band Optical Phase Conjugation. <i>Journal of Lightwave Technology</i> , 2016, 34, 1717-1723.	4.6	89
18	Demonstration of Phase-Conjugated Subcarrier Coding for Fiber Nonlinearity Compensation in CO-OFDM Transmission. <i>Journal of Lightwave Technology</i> , 2015, 33, 2206-2212.	4.6	35

#	ARTICLE	IF	CITATIONS
19	Capacity limits of systems employing multiple optical phase conjugators. Optics Express, 2015, 23, 20381.	3.4	64
20	GPS Navigation and Tracking Device. International Journal of Interactive Mobile Technologies, 2011, 5, 39.	1.2	6