

Sorin Tibuleac

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

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citations

1040056

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docs citations

19
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency Dependent ENoB Requirements for M-QAM Optical Links: An Analysis Using an Improved Digital to Analog Converter Model. Journal of Lightwave Technology, 2018, 36, 4082-4089.	4.6	33
2	Passband Narrowing and Crosstalk Impairments in ROADM-Enabled 100G DWDM Networks. Journal of Lightwave Technology, 2012, 30, 3980-3986.	4.6	29
3	Identification of Soft Failures in Optical Links Using Low Complexity Anomaly Detection. , 2019, , .		21
4	Generalized weighted crosstalk for DWDM systems with cascaded wavelength-selective switches. Optics Express, 2012, 20, 17620.	3.4	20
5	System Performance Prediction With the Gaussian Noise Model in 100G PDM-QPSK Coherent Optical Networks. Journal of Lightwave Technology, 2013, 31, 3352-3360.	4.6	20
6	Non-intrusive OSNR measurement of polarization-multiplexed signals with spectral shaping and subject to fiber non-linearity with minimum channel spacing of 375GHz. Optics Express, 2016, 24, 20156.	3.4	19
7	Optical performance monitoring using digital coherent receivers and convolutional neural networks. Optics Express, 2020, 28, 32087.	3.4	18
8	Novel OSNR Measurement Techniques Based on Optical Spectrum Analysis and Their Application to Coherent-Detection Systems. Journal of Lightwave Technology, 2019, 37, 562-570.	4.6	14
9	In-Band Crosstalk Transmission Penalties on 112-Gb/s PDM-QPSK Optical Links. IEEE Photonics Technology Letters, 2011, 23, 745-747.	2.5	10
10	Frequency Dependent ENoB Requirements for 400G/600G/800G Optical Links. Journal of Lightwave Technology, 2020, 38, 5008-5016.	4.6	10
11	Experimental study of cross-phase modulation reduction in hybrid systems with co-propagating 100G PM-QPSK and 10G OOK. Optics Express, 2013, 21, 31483.	3.4	9
12	Statistical Evaluation of PAM4 Data Center Interconnect System With Slope-Compensating Fiber Bragg Grating Tunable Dispersion Compensation Module. Journal of Lightwave Technology, 2020, 38, 3173-3179.	4.6	7
13	Implementing DACs in High Speed Optical Link Simulations. , 2017, , .		6
14	Joint Linear and Nonlinear Noise Estimation of Optical Links by Exploiting Carrier Phase Recovery. , 2020, , .		6
15	ENoB requirements for non-square 64-QAM. , 2016, , .		5
16	Scaling 112 Gb/s Optical Networks With the Nonlinear Threshold Metric. Journal of Lightwave Technology, 2012, 30, 1291-1298.	4.6	4
17	Constellation-based identification of linear and nonlinear OSNR using machine learning: a study of link-agnostic performance. Optics Express, 2022, 30, 2693.	3.4	4
18	100G Super-Channel Transmission Over 1500 km of NZ-DSF With 10G Neighbors. IEEE Photonics Technology Letters, 2013, 25, 2365-2368.	2.5	3

#	ARTICLE	IF	CITATIONS
19	GOSNR Characterization by Optical Spectrum Analysis. , 2020, , .		1