

Siddharth Varughese

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/589800/publications.pdf>

Version: 2024-02-01

14
papers

148
citations

1684188

5
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

220
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	Scaling VCSEL-MMF Links to 1 Tb/s Using Short Wavelength Division Multiplexing. Journal of Lightwave Technology, 2018, 36, 4138-4145.	4.6	23
3	Identification of Soft Failures in Optical Links Using Low Complexity Anomaly Detection. , 2019, , .		21
4	Optical performance monitoring using digital coherent receivers and convolutional neural networks. Optics Express, 2020, 28, 32087.	3.4	18
5	Frequency Dependent ENoB Requirements for 400G/600G/800G Optical Links. Journal of Lightwave Technology, 2020, 38, 5008-5016.	4.6	10
6	4Î» Ã— 100Gbps VCSEL PAM-4 Transmission over 105m of Wide Band Multimode Fiber. , 2017, , .		10
7	Implementing DACs in High Speed Optical Link Simulations. , 2017, , .		6
8	Joint Linear and Nonlinear Noise Estimation of Optical Links by Exploiting Carrier Phase Recovery. , 2020, , .		6
9	ENoB requirements for non-square 64-QAM. , 2016, , .		5
10	Accelerating Assessments of Optical Components Using Machine Learning: TDECQ as Demonstrated Example. Journal of Lightwave Technology, 2021, 39, 64-72.	4.6	5
11	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
12	Convolutional Recurrent Machine Learning for OSNR and Launch Power Estimation: A Critical Assessment. , 2020, , .		3
13	Blind polarization identification and demultiplexing using statistical learning. , 2017, , .		2
14	Impairment Identification for PAM-4 Transceivers and Links Using Machine Learning. , 2021, , .		2