

# Xiang Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8012575/publications.pdf>

Version: 2024-02-01

11  
papers

171  
citations

1478505

6  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perturbation Theory-Aided Learned Digital Back-Propagation Scheme for Optical Fiber Nonlinearity Compensation. Journal of Lightwave Technology, 2022, 40, 1981-1988.	4.6	8
2	Perturbation-aided deep neural network for dual-polarization optical communication systems. , 2022, , .		2
3	A Non-Data-Aided OSNR Estimation Algorithm for Coherent Optical Fiber Communication Systems Employing Multilevel Constellations. Journal of Lightwave Technology, 2019, 37, 3815-3825.	4.6	15
4	A Machine Learning-Based Detection Technique for Optical Fiber Nonlinearity Mitigation. IEEE Photonics Technology Letters, 2019, 31, 627-630.	2.5	33
5	Fiber Nonlinearity Mitigation via the Parzen Window Classifier for Dispersion Managed and Unmanaged Links. , 2019, , .		1
6	Training-Aided Joint Frame and Frequency Synchronization for THP FTN Coherent Optical Systems. , 2018, , .		1
7	Joint Modulation Classification and OSNR Estimation Enabled by Support Vector Machine. IEEE Photonics Technology Letters, 2018, 30, 2127-2130.	2.5	38
8	Training Symbol-Based Equalization for Quadrature Duobinary PDM-FTN Systems. IEEE Photonics Technology Letters, 2017, 29, 454-457.	2.5	5
9	Modulation Classification Using Received Signal's Amplitude Distribution for Coherent Receivers. IEEE Photonics Technology Letters, 2017, 29, 1872-1875.	2.5	44
10	OSNR Estimation Algorithm for Higher-order Modulation Formats in Coherent Optical Systems. , 2017, , .		4
11	Robust Faster-Than-Nyquist PDM-mQAM Systems With Tomlinson's Harashima Precoding. IEEE Photonics Technology Letters, 2016, 28, 2106-2109.	2.5	20