Xiang Lin

List of Publications by Year
in descending order

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