Xin Miao

List of Publications by Year
in descending order

10 papers	**94** citations	1684188 **5** h-index	1588992 **8** g-index
10 all docs	**10** docs citations	**10** times ranked	**136** citing authors

#	Article	IF	Citations
1	Simplified SVM Equalization Algorithm Based on Single Hyperplane Training Enabled 50Gb/s PAM-4/8 With 10-G Optics in NG-PON System. IEEE Photonics Journal, 2021, 13, 1-7.	2.0	5
2	A Nonuniform Quantization Scheme based on Optical Phase-shifted Devices. , 2021, , .		0
3	Comparative investigation on 10G-class and 25G-class receivers for O-band DML-based 25/50ÂGbps TDM-PON. Optical Fiber Technology, 2020, 54, 102105.	2.7	1
4	Time skew enabled vestigial sideband modulation for dispersion-tolerant directâ€"detection transmission. Optics Letters, 2020, 45, 6138.	3.3	8
5	A Powerful Equalizer Based on Modified SVM Classifier Without Nonlinear Kernel Enabled 100-Gb/s NG-EPON System With 10-G Class. IEEE Access, 2019, 7, 71185-71194.	4.2	10
6	SVM-Modified-FFE Enabled Chirp Management for 10G DML-based 50Gb/s/Î» PAM4 IM-DD PON. , 2019, , .		8
7	Machine learning classifier based on FE-KNN enabled high-capacity PAM-4 and NRZ transmission with 10-G class optics. Optics Express, 2019, 27, 25802.	3.4	9
8	Performance Optimization by Nonparametric Histogram Estimation for Low Resolution in IMDD-OQAM-OFDM System. IEEE Photonics Journal, 2018, 10, 1-13.	2.0	17
9	Impact of SOA-induced pattern effect on the filter requirements in vestigial sideband direct detected PAM4 transmission. Optics Express, 2018, 26, 30305.	3.4	5
10	Experimental Study of NRZ, Duobinary, and PAM-4 in O-Band DML-Based 100G-EPON. IEEE Photonics Technology Letters, 2017, 29, 1490-1493.	2.5	31