

# Xi Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

231  
citations

1478505  
6  
h-index

1372567  
10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

101  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Nonlinear suppression for polarization division multiplexed optical OFDM/OQAM systems. Optical Fiber Technology, 2022, 69, 102818.                            | 2.7 | 6         |
| 2  | Combined phase offset channel estimation method for optical OFDM/OQAM. Optical Fiber Technology, 2021, 61, 102390.  | 2.7 | 4         |
| 3  | Neural Network-Based Noise Suppression Method for NFT-Based Multi-Eigenvalue Transmission. IEEE Communications Letters, 2021, 25, 3027-3030.                  | 4.1 | 5         |
| 4  | Chaotic Separation Constellation Scrambling Scheme to Enhance the Security of PDM CO-OFDM/OQAM Systems. , 2021, , .   |     | 0         |
| 5  | Comparison of OFDM and OFDM/OQAM Systems in Nonlinear Interference. , 2020, , .   |     | 1         |
| 6  | Chaotic Multiplication Encryption Method for Security-Enhanced COOFDM/OQAM Systems. , 2020, , .   |     | 1         |
| 7  | Analysis of the Pseudo Pilot in Optical OFDM/OQAM System. , 2020, , .   |     | 1         |
| 8  | Analysis of Nonlinear Interference in CO-OFDM/OQAM Systems Based Volterra Series. , 2020, , .   |     | 0         |
| 9  | One Design of Pseudo Pilot to Suppress the Nonlinear Interference in Optical OFDM/OQAM System. , 2020, , .  |     | 1         |
| 10 | Chaotic Constellation Scrambling Method for Security-Enhanced CO-OFDM/OQAM Systems. , 2020, , .   |     | 0         |
| 11 | Volterra Based Nonlinear Equalization Method for Optical High-order OFDM/OQAM. , 2020, , .  |     | 2         |
| 12 | Volterra Expansion Based Intra Channel Nonlinear Effect Equalization Method for Optical OFDM/OQAM Systems. IEEE Access, 2020, 8, 205657-205668.               | 4.2 | 4         |
| 13 | Phase Offset Based Channel Estimation Method for Optical OFDM/OQAM Systems. IEEE Photonics Technology Letters, 2019, 31, 1281-1284.                           | 2.5 | 10        |
| 14 | Analysis of the Time-Frequency Localization Property of the Filter Banks for Optical OFDM/OQAM Systems. Journal of Lightwave Technology, 2019, 37, 5392-5405. | 4.6 | 12        |
| 15 | Analysis Of The Optical OFDM/OQAM Systems With The Using Of IOTA Filter. , 2018, , .  |     | 3         |
| 16 | Phase Noise Estimation and Suppression for PDM CO-OFDM/OQAM Systems. Journal of Lightwave Technology, 2017, 35, 1837-1846.                                    | 4.6 | 40        |
| 17 | Time-Domain Least Square Channel Estimation for Polarization-Division-Multiplexed CO-OFDM/OQAM Systems. Journal of Lightwave Technology, 2016, 34, 891-900.   | 4.6 | 50        |
| 18 | Frequency-Domain Channel Estimation for Polarization-Division-Multiplexed CO-OFDM/OQAM Systems. Journal of Lightwave Technology, 2015, 33, 2743-2750.         | 4.6 | 65        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Orthogonal Basis Expansion-Based Phase Noise Suppression for PDM CO-OFDM System. IEEE Photonics Technology Letters, 2014, 26, 376-379. | 2.5 | 26        |