

# Qinghui Chen

## List of Publications by Year in descending order

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23  
papers

209  
citations

1307594

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h-index

1058476

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all docs

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docs citations

23  
times ranked

121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware-efficient generation and reception of NHS-OFDM signal for direct-detection PON. Optics Communications, 2022, 508, 127721.	2.1	1
2	Precoded and pre-equalized multi-band FBMC transmission enabled by radio-frequency DACs and the undersampling technique. Optics Letters, 2022, 47, 1614.	3.3	1
3	A novel sampling frequency offset mitigation scheme based on rotated K-means clustering for OFDM-VLC system. Optics Communications, 2022, 513, 128103.	2.1	5
4	Real-Time Generation of NHS-OFDM Signal for Direct-Modulation and Direct-Detection PON. IEEE Photonics Technology Letters, 2021, 33, 533-536.	2.5	5
5	Precoding-Enabled FBMC/OQAM for Short-Reach IMDD Transmission. IEEE Photonics Technology Letters, 2021, 33, 1305-1308.	2.5	7
6	Low-Complexity Time-Domain Averaging-Based DAC Clock Tone Leakage Compensation for Short-Reach PAM4 Transmission. IEEE Photonics Journal, 2020, 12, 1-14.	2.0	1
7	A Simple Blind Sampling Frequency Offset Estimation Scheme for Short-Reach DD-OFDM Systems. IEEE Photonics Journal, 2020, 12, 1-10.	2.0	1
8	Comparison of Different Precoding Techniques for Unbalanced Impairments Compensation in Short-Reach DMT Transmission Systems. Journal of Lightwave Technology, 2020, 38, 6202-6213.	4.6	54
9	Experimental Demonstration of DFT-Precoded Guard-Band OSSB-OFDM Signal Reception With ADC Undersampling Technique. IEEE Access, 2020, 8, 16838-16845.	4.2	3
10	100-Gb/s DMT Transmission for Short-Reach Optical Interconnect With DAC Clock Leakage Compensation. IEEE Photonics Technology Letters, 2019, 31, 1791-1794.	2.5	7
11	Online digital offset mismatch compensation for high-speed time-interleaved ADC in real-time optical OFDM receiver. Optics Express, 2019, 27, 16650.	3.4	3
12	Hardware-efficient implementation and experimental demonstration of Hermitian-symmetric IFFT for optical DMT transmitter. Optics Express, 2019, 27, 29817.	3.4	7
13	A discrete Fourier transform-based method for Nyquist signal shaping in VLC-SCFDE system. , 2018, , .		1
14	Receiver Sensitivity Improvement of Layered-ACO-OFDM System Enabled by Layered-DFT/OCT Precoding Technique. , 2018, , .		0
15	Inter-Symbol Differential Detection-Enabled Sampling Frequency Offset Compensation for DDO-OFDM. IEEE Photonics Technology Letters, 2018, 30, 2095-2098.	2.5	14
16	Experimental Research on Adaptive 128/64QAM DFT-Spread IFFT/FFT Size Efficient OFDM With a High SE in VLLC System. IEEE Photonics Journal, 2017, 9, 1-8.	2.0	11
17	Low-Complexity Receiver Using Undersampling for Guard-Band SSB-DDO-OFDM. IEEE Photonics Journal, 2017, 9, 1-12.	2.0	3
18	A DCT-spread FOFDM signal with low PAPR in W-band RoF system. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	OLT-centralized sampling frequency offset compensation scheme for OFDM-PON. Optics Express, 2017, 25, 19508.	3.4	19
20	Performance investigation of the FFT/IFFT size efficient DFT-Spread-OFDM signals in hybrid Fiber-VLLC systems. , 2016, , .		0
21	FFT-Size Efficient 4096-QAM OFDM for Low-Cost DML-Based IMDD System. IEEE Photonics Journal, 2016, 8, 1-10.	2.0	8
22	A serial IFFT precoding scheme to mitigate the periodic noise in OFDM system. IEEE Communications Letters, 2016, , 1-1.	4.1	2
23	Experimental Demonstration of an IFFT/FFT Size Efficient DFT-Spread OFDM for Short Reach Optical Transmission Systems. Journal of Lightwave Technology, 2016, 34, 2100-2105.	4.6	55