Wen Zhou

List of Publications by Year
in descending order

50 papers	876 citations	430874 18 h-index	526287 27 g-index
50 all docs	50 docs citations	50 times ranked	539 citing authors

#	Article	IF	Citations
1	1-Tb/s Millimeter-Wave Signal Wireless Delivery at D-Band. Journal of Lightwave Technology, 2019, 37, 196-204.	4.6	77
2	Tutorial: Broadband fiber-wireless integration for 5G+ communication. APL Photonics, 2018, 3, .	5.7	53
3	120 Gb/s Wireless Terahertz-Wave Signal Delivery by 375 GHz-500 GHz Multi-Carrier in a 2 Ã— 2 MIMO System. Journal of Lightwave Technology, 2019, 37, 606-611.	4.6	53
4	200â€‰â€‰Gbit/s/Î» PDM-PAM-4 PON system based on intensity modulation and coherent detection. Journal of Optical Communications and Networking, 2020, 12, A1.	4.8	37
5	Delivery of 54-Gb/s 8QAM W-Band Signal and 32-Gb/s 16QAM K -Band Signal Over 20-km SMF-28 and 2500-m Wireless Distance. Journal of Lightwave Technology, 2018, 36, 50-56.	4.6	34
6	Probabilistically Shaped 16QAM Signal Transmission in a Photonics-aided Wireless Terahertz-Wave System. , 2018, , .		33
7	Photonics-aided 2 Ã— 2 MIMO wireless terahertz-wave signal transmission system with optical polarization multiplexing. Optics Express, 2017, 25, 33236.	3.4	32
8	100 Gbit/s VSB-PAM-n IM/DD transmission system based on 10 GHz DML with optical filtering and joint nonlinear equalization. Optics Express, 2019, 27, 6098.	3.4	32
9	Nonlinear Compensation of Multi-CAP VLC System Employing Clustering Algorithm Based Perception Decision. IEEE Photonics Journal, 2017, 9, 1-9.	2.0	30
10	SOA Pre-Amplified 100 Gb/s/Î» PAM-4 TDM-PON Downstream Transmission Using 10 Gbps O-Band Transmitters. Journal of Lightwave Technology, 2020, 38, 185-193.	4.6	30
11	High-Speed PS-PAM8 Transmission in a Four-Lane IM/DD System Using SOA at O-Band for 800G DCI. IEEE Photonics Technology Letters, 2020, 32, 293-296.	2.5	27
12	Low Complexity Neural Network Equalization Based on Multi-Symbol Output Technique for 200+ Gbps IM/DD Short Reach Optical System. Journal of Lightwave Technology, 2022, 40, 2890-2900.	4.6	26
13	Simultaneous generation of 40, 80 and 120 GHz optical millimeter-wave from one Mach-Zehnder modulator and demonstration of millimeter-wave transmission and down-conversion. Optics Communications, 2017, 398, 101-106.	2.1	25
14	135-GHz D-Band 60-Gbps PAM-8 Wireless Transmission Employing a Joint DNN Equalizer With BP and CMMA. Journal of Lightwave Technology, 2020, 38, 3592-3601.	4.6	25
15	Pre-coding assisted generation of a frequency quadrupled optical vector D-band millimeter wave with one Mach-Zehnder modulator. Optics Express, 2017, 25, 26483.	3.4	24
16	800-Gb/s/carrier WDM Coherent Transmission Over 2000 km Based on Truncated PS-64QAM Utilizing MIMO Volterra Equalizer. Journal of Lightwave Technology, 2022, 40, 2830-2839.	4.6	24
17	High Spectral Efficiency WDM Transmission Based on Hybrid Probabilistically and Geometrically Shaped 256QAM. Journal of Lightwave Technology, 2021, 39, 5494-5501.	4.6	23
18	Comparison of Real- and Complex-Valued NN Equalizers for Photonics-Aided 90-Gbps D-band PAM-4 Coherent Detection. Journal of Lightwave Technology, 2021, 39, 6858-6868.	4.6	22

#	Article	IF	Citations
19	640-Gbps/Carrier WDM Transmission over 6,400 km Based on PS-16QAM at 106 Gbaud Employing Advanced DSP. Journal of Lightwave Technology, 2021, 39, 55-63.	4.6	18
20	Fiber-THz-Fiber Link for THz Signal Transmission. IEEE Photonics Journal, 2018, 10, 1-6.	2.0	17
21	280 Gb/s IM/DD PS-PAM-8 Transmission Over 10 km SSMF at O-band For Optical Interconnects. , 2020, , .		17
22	High-Speed Terahertz Band Radio-Over-Fiber System Using Hybrid Time-Frequency Domain Equalization. IEEE Photonics Technology Letters, 2022, 34, 559-562.	2.5	17
23	Bi-Directional OFDM Truncated PS-4096QAM Signals Transmission in a Full-Duplex MMW-RoF System at E-Band. Journal of Lightwave Technology, 2021, 39, 3412-3419.	4.6	16
24	1-Tb/s Photonics-aided Vector Millimeter-Wave Signal Wireless Delivery at D-Band. , 2018, , .		16
25	124.8-Gbit/s PS-256QAM Signal Wireless Delivery Over 104 m in a Photonics-Aided Terahertz-Wave System. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 409-414.	3.1	15
26	140-Gb/s PS-256-QAM Transmission in an OFDM System Using Kramersâ€“Kronig Detection. IEEE Photonics Technology Letters, 2019, 31, 1405-1408.	2.5	14
27	Four Sub-Channel Single Sideband Generation of Vector mm-Wave Based on an I/Q Modulator. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	14
28	Complex-Valued 2D-CNN Equalization for OFDM Signals in a Photonics-Aided MMW Communication System at the D-Band. Journal of Lightwave Technology, 2022, 40, 2791-2798.	4.6	13
29	104 Meters Photonics-Aided Terahertz Wireless Transmission Without Terahertz Amplifier. IEEE Photonics Technology Letters, 2022, 34, 858-861.	2.5	11
30	PAM-4 delivery based on pre-distortion and CMMA equalization in a ROF system at 40ÂGHz. Optics Communications, 2018, 416, 61-65.	2.1	10
31	3.5 Gbit/s OOK THz signal delivery over 88 cm freeâ€space at 441.504 GHz. Microwave and Optical Technology Letters, 2018, 60, 1435-1439.	1.4	10
32	Simultaneous Generation of Wired and Wireless Signals Using a DP-MZM in a RoF System. IEEE Photonics Technology Letters, 2020, 32, 905-908.	2.5	8
33	Transmission of High-Frequency Terahertz Band Signal Beyond 300 GHz Over Metallic Hollow Core Fiber. Journal of Lightwave Technology, 2022, 40, 700-707.	4.6	8
34	A New Scheme to Generate Multi-Frequency Mm-Wave Signals Based on Cascaded Phase Modulator and I/Q Modulator. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	7
35	D-Band mm-Wave SSB Vector Signal Generation Based on Cascaded Intensity Modulators. IEEE Photonics Journal, 2020, 12, 1-11.	2.0	7
36	104-m Terahertz-Wave Wireless Transmission Employing 124.8-Gbit/s PS-256QAM Signal. , 2022, , .		7

#	Article	IF	Citations
37	Seamless Integration of a Fiber-THz Wireless-Fiber 2X2 MIMO Broadband Network. , 2018, , .		6
38	81-GHz W-band 60-Gbps 64-QAM wireless transmission based on a dual-GRU equalizer. Optics Express, 2022, 30, 2364.	3.4	6
39	392ÂGHz THz vector signal generation based on ISB and multi-frequency signal generation using cascaded phase modulator and I/Q modulator. Optics Communications, 2019, 452, 181-184.	2.1	5
40	Multi-Symbol Output Long Short-Term Memory Neural Network Equalizer For 200+ Gbps IM/DD System. , 2021, , .		5
41	352-Gbit/s single line rate THz wired transmission based on PS-4096QAM employing hollow-core fiber. Digital Communications and Networks, 2023, 9, 717-722.	5.0	5
42	Demonstration of 352-Gbit/s Single Line Rate PS-4096QAM THz Wired Transmission over Hollow-Core Fiber. , 2021, , .		4
43	Polar Coded OFDM Signal Transmission at the W-Band in Millimeter-Wave System. IEEE Photonics Journal, 2019, 11, 1-6.	2.0	3
44	200-Gbit/s PAM4 Generation by a Dual-Polarization Mach-Zehnder Modulator Without DAC. IEEE Photonics Technology Letters, 2020, 32, 1223-1226.	2.5	3
45	QAM Vector mm-Wave Signal Generation Based on Optical Orthogonal Polarization SSB Scheme By a Single Modulator. Journal of Lightwave Technology, 2021, 39, 7628-7635.	4.6	3
46	56 Gbit/s/Î» PAM-4 IM/DD Transmission over 120 km SSMF at O-band Using Cascaded Semiconductor Optical Amplifiers for Data Center Interconnects. , 2020, , .		2
47	W-band PAM-4 wireless delivery employing intensity modulation and coherent detection based on CMMA equalization. , 2019, , .		1
48	Optical comb generator with flat-topped spectral response using one electroabsorption-modulated laser and one phase modulator. Optical Engineering, 2020, 59, 1.	1.0	1
49	Application of Chirp-managed laser and bits-interleaving in digital mobile fronthaul. , 2018, , .		0
50	Demonstration of 470 GHz Bandwidth Wireless Transmitter Based on Photo-mixer for Simultaneous Transmission of Photonics-generated Signals in All-Band 6G Systems. , 2021, , .		0