

# Xinying Li

## List of Publications by Year in descending order

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186  
papers

4,468  
citations

101543

36  
h-index

149698

56  
g-index

186  
all docs

186  
docs citations

186  
times ranked

1628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fiber-wireless transmission system of 108 Gb/s data over 80 km fiber and 2×2 multiple-input multiple-output wireless links at 100 GHz W-band frequency. Optics Letters, 2012, 37, 5106.	3.3	194
2	Multichannel 120-Gb/s Data Transmission Over 2×2 MIMO Fiber-Wireless Link at W-Band. IEEE Photonics Technology Letters, 2013, 25, 780-783.	2.5	151
3	A 400G optical wireless integration delivery system. Optics Express, 2013, 21, 18812.	3.4	141
4	Faster than fiber: over 100-Gb/s signal delivery in fiber wireless integration system. Optics Express, 2013, 21, 22885.	3.4	103
5	W-Band 8QAM Vector Signal Generation by MZM-Based Photonic Frequency Octupling. IEEE Photonics Technology Letters, 2015, 27, 1257-1260.	2.5	99
6	11 Å– 5 Å– 93Gb/s WDM-CAP-PON based on optical single-side band multi-level multi-band carrier-less amplitude and phase modulation with direct detection. Optics Express, 2013, 21, 18842.	3.4	92
7	Long-Distance Wireless mm-Wave Signal Delivery at W-Band. Journal of Lightwave Technology, 2016, 34, 661-668.	4.6	90
8	QAM Vector Signal Generation by Optical Carrier Suppression and Precoding Techniques. IEEE Photonics Technology Letters, 2015, 27, 1977-1980.	2.5	89
9	Fiber-Wireless-Fiber Link for 100-Gb/s PDM-QPSK Signal Transmission at W-Band. IEEE Photonics Technology Letters, 2014, 26, 1825-1828.	2.5	81
10	Fiber-Wireless-Fiber Link for 128-Gb/s PDM-16QAM Signal Transmission at (W) -Band. IEEE Photonics Technology Letters, 2014, 26, 1948-1951.	2.5	80
11	1-Tb/s Millimeter-Wave Signal Wireless Delivery at D-Band. Journal of Lightwave Technology, 2019, 37, 196-204.	4.6	77
12	Antenna polarization diversity for high-speed polarization multiplexing wireless signal delivery at W-band. Optics Letters, 2014, 39, 1169.	3.3	76
13	Experimental Demonstration of Four-Channel WDM 560 Gbit/s 128QAM-DMT Using IM/DD for 2-km Optical Interconnect. Journal of Lightwave Technology, 2017, 35, 941-948.	4.6	67
14	Fiber-Wireless Transmission System of PDM-MIMO-OFDM at 100 GHz Frequency. Journal of Lightwave Technology, 2013, 31, 2394-2399.	4.6	65
15	Demonstration of Ultra-Capacity Wireless Signal Delivery at W-Band. Journal of Lightwave Technology, 2016, 34, 180-187.	4.6	64
16	Simplified coherent receiver with heterodyne detection of eight-channel 50 Gb/s PDM-QPSK WDM signal after 1040 km SMF-28 transmission. Optics Letters, 2012, 37, 4050.	3.3	62
17	Photonics-Assisted Technologies for Extreme Broadband 5G Wireless Communications. Journal of Lightwave Technology, 2019, 37, 2851-2865.	4.6	62
18	Single-Carrier Dual-Polarization 328-Gb/s Wireless Transmission in a D-Band Millimeter Wave 2×2 MU-MIMO Radio-Over-Fiber System. Journal of Lightwave Technology, 2018, 36, 587-593.	4.6	61

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19	Multi-Modulus Blind Equalizations for Coherent Quadrature Duobinary Spectrum Shaped PM-QPSK Digital Signal Processing. <i>Journal of Lightwave Technology</i> , 2013, 31, 1073-1078.	4.6	55
20	Transmission of 8 Å— 480-Gb/s super-Nyquist-filtering 9-QAM-like signal at 100 GHz-grid over 5000-km SMF-28 and twenty-five 100 GHz-grid ROADMs. <i>Optics Express</i> , 2013, 21, 15686.	3.4	53
21	Tutorial: Broadband fiber-wireless integration for 5G+ communication. <i>APL Photonics</i> , 2018, 3, .	5.7	53
22	120 Gb/s Wireless Terahertz-Wave Signal Delivery by 375 GHz-500 GHz Multi-Carrier in a 2 Å— 2 MIMO System. <i>Journal of Lightwave Technology</i> , 2019, 37, 606-611.	4.6	53
23	Hadamard Transform Combined With Companding Transform Technique for PAPR Reduction in an Optical Direct-Detection OFDM System. <i>Journal of Optical Communications and Networking</i> , 2012, 4, 709.	4.8	51
24	High-Level QAM OFDM System Using DML for Low-Cost Short Reach Optical Communications. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 941-944.	2.5	51
25	Photonics-Aided Millimeter-Wave Technologies for Extreme Mobile Broadband Communications in 5G. <i>Journal of Lightwave Technology</i> , 2020, 38, 366-378.	4.6	48
26	432-Gb/s PDM-16QAM signal wireless delivery at W-band using optical and antenna polarization multiplexing. , 2014, , .		47
27	40-Gb/s PDM-QPSK signal transmission over 160-m wireless distance at W-band. <i>Optics Letters</i> , 2015, 40, 998.	3.3	47
28	Transmission of 200 G PDM-CSRZ-QPSK and PDM-16 QAM With a SE of 4 b/s/Hz. <i>Journal of Lightwave Technology</i> , 2013, 31, 515-522.	4.6	46
29	Optimization of training sequence for DFT-spread DMT signal in optical access network with direct detection utilizing DML. <i>Optics Express</i> , 2014, 22, 22962.	3.4	45
30	Experimental Demonstration of 48-Gb/s PDM-QPSK Radio-Over-Fiber System Over 40-GHz mm-Wave MIMO Wireless Transmission. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 2276-2279.	2.5	43
31	W-Band PDM-QPSK Vector Signal Generation by MZM-Based Photonic Frequency Octupling and Precoding. <i>IEEE Photonics Journal</i> , 2015, 7, 1-6.	2.0	43
32	6\$,imes,\$144-Gb/s Nyquist-WDM PDM-64QAM Generation and Transmission on a 12-GHz WDM Grid Equipped With Nyquist-Band Pre-Equalization. <i>Journal of Lightwave Technology</i> , 2012, 30, 3687-3692.	4.6	42
33	Frequency-Quadrupling Vector mm-Wave Signal Generation by Only One Single-Drive MZM. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 1302-1305.	2.5	42
34	Photonic vector signal generation at W-band employing an optical frequency octupling scheme enabled by a single MZM. <i>Optics Communications</i> , 2015, 349, 6-10.	2.1	40
35	Investigation of interference in multiple-input multiple-output wireless transmission at W band for an optical wireless integration system. <i>Optics Letters</i> , 2013, 38, 742.	3.3	39
36	Demonstration of DFT-spread 256QAM-OFDM signal transmission with cost-effective directly modulated laser. <i>Optics Express</i> , 2014, 22, 8742.	3.4	39

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37	200-Gbit/s PDM-PAM-4 PON system based on intensity modulation and coherent detection. <i>Journal of Optical Communications and Networking</i> , 2020, 12, A1.	4.8	37
38	Performance Comparison of DFT-Spread and Pre-Equalization for 8 – 244.2-Gb/s PDM-16QAM-OFDM. <i>Journal of Lightwave Technology</i> , 2015, 33, 227-233.	4.6	36
39	Doubling transmission capacity in optical wireless system by antenna horizontal- and vertical-polarization multiplexing. <i>Optics Letters</i> , 2013, 38, 2125.	3.3	35
40	Simple and reconfigured single-sideband OFDM RoF system. <i>Optics Express</i> , 2016, 24, 22830.	3.4	35
41	Single-sideband W-band photonic vector millimeter-wave signal generation by one single I/Q modulator. <i>Optics Letters</i> , 2016, 41, 4162.	3.3	35
42	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. <i>Journal of Lightwave Technology</i> , 2018, 36, 50-56.	4.6	34
43	Wavelength conversion of 544-Gbit/s dual-carrier PDM-16QAM signal based on the co-polarized dual-pump scheme. <i>Optics Express</i> , 2012, 20, 21324.	3.4	33
44	Multi-channel multi-carrier generation using multi-wavelength frequency shifting recirculating loop. <i>Optics Express</i> , 2012, 20, 21833.	3.4	33
45	Balanced Precoding Technique for Vector Signal Generation Based on OCS. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2469-2472.	2.5	33
46	W-band OFDM photonic vector signal generation employing a single Mach-Zehnder modulator and precoding. <i>Optics Express</i> , 2015, 23, 24029.	3.4	33
47	W-Band Millimeter-Wave Vector Signal Generation Based on Precoding-Assisted Random Photonic Frequency Tripling Scheme Enabled by Phase Modulator. <i>IEEE Photonics Journal</i> , 2016, 8, 1-10.	2.0	33
48	Photonics-aided 2 – 2 MIMO wireless terahertz-wave signal transmission system with optical polarization multiplexing. <i>Optics Express</i> , 2017, 25, 33236.	3.4	32
49	100 Gbit/s VSB-PAM-n IM/DD transmission system based on 10 GHz DML with optical filtering and joint nonlinear equalization. <i>Optics Express</i> , 2019, 27, 6098.	3.4	32
50	A Novel Return-to-Zero FSK Format for 40-Gb/s Transmission System Applications. <i>Journal of Lightwave Technology</i> , 2010, 28, 1770-1782.	4.6	31
51	W-Band Vector Millimeter-Wave Signal Generation Based on Phase Modulator With Photonic Frequency Quadrupling and Precoding. <i>Journal of Lightwave Technology</i> , 2017, 35, 2548-2558.	4.6	31
52	QPSK Vector Signal Generation Based on Photonic Heterodyne Beating and Optical Carrier Suppression. <i>IEEE Photonics Journal</i> , 2015, 7, 1-6.	2.0	30
53	Transmission of single-carrier 400G signals (5152-Gb/s) based on 1288-GBaud PDM QPSK over 10,130- and 6,078 km terrestrial fiber links. <i>Optics Express</i> , 2015, 23, 16540.	3.4	30
54	Over 100-Gb/s Ultrabroadband MIMO Wireless Signal Delivery System at the D-Band. <i>IEEE Photonics Journal</i> , 2016, 8, 1-10.	2.0	30

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55	Probabilistic shaping for ROF system with heterodyne coherent detection. APL Photonics, 2017, 2, .	5.7	30
56	SOA Pre-Amplified 100 Gb/s/λ PAM-4 TDM-PON Downstream Transmission Using 10 Gbps O-Band Transmitters. Journal of Lightwave Technology, 2020, 38, 185-193.	4.6	30
57	Experimental demonstration of 24-Gb/s CAP-64QAM radio-over-fiber system over 40-GHz mm-wave fiber-wireless transmission. Optics Express, 2013, 21, 26888.	3.4	28
58	Generation and Heterodyne Detection of >100-Gb/s Q-Band PDM-64QAM mm-Wave Signal. IEEE Photonics Technology Letters, 2017, 29, 27-30.	2.5	28
59	4×100-Gb/s PAM-4 FSO Transmission Based on Polarization Modulation and Direct Detection. IEEE Photonics Technology Letters, 2019, 31, 755-758.	2.5	28
60	6×128-Gb/s Nyquist-WDM PDM-16QAM Generation and Transmission Over 1200-km SMF-28 With SE of 7.47 b/s/Hz. Journal of Lightwave Technology, 2012, 30, 4000-4005.	4.6	27
61	Demonstration of 520 Gb/s pre-equalized DFT-spread PDM-16QAM-OFDM signal transmission. Optics Express, 2016, 24, 2648.	3.4	27
62	OFDM Vector Signal Generation Based on Optical Carrier Suppression. IEEE Photonics Technology Letters, 2015, 27, 2449-2452.	2.5	26
63	Seamless integration of 572-Gb/s signal wireline transmission and 100-GHz wireless delivery. Optics Express, 2012, 20, 24364.	3.4	25
64	Digital Nonlinear Compensation Based on the Modified Logarithmic Step Size. Journal of Lightwave Technology, 2013, 31, 3546-3555.	4.6	25
65	High Spectral Efficiency 400 Gb/s Transmission by Different Modulation Formats and Advanced DSP. Journal of Lightwave Technology, 2019, 37, 5317-5325.	4.6	25
66	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
67	132-Gb/s Photonics-Aided Single-Carrier Wireless Terahertz-Wave Signal Transmission at 450GHz Enabled by 64QAM Modulation and Probabilistic Shaping. , 2019, , .		24
68	Flattened comb generation using only phase modulators driven by fundamental frequency sinusoidal sources with small frequency offset. Optics Letters, 2013, 38, 552.	3.3	23
69	W-band RoF transmission based on optical multi-carrier generation by cascading one directly-modulated DFB laser and one phase modulator. Optics Communications, 2015, 345, 80-85.	2.1	23
70	High-frequency photonic vector signal generation employing a single phase modulator. IEEE Photonics Journal, 2015, , 1-1.	2.0	23
71	Over 100-Gb/s V-Band Single-Carrier PDM-64QAM Fiber-Wireless-Integration System. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	23
72	Improved Quadrature Duobinary System Performance Using Multi-Modulus Equalization. IEEE Photonics Technology Letters, 2013, 25, 1630-1633.	2.5	22

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73	Field Trial of 80-Gb/s PDM-QPSK Signal Delivery over 300-m Wireless Distance with MIMO and Antenna Polarization Multiplexing at W-Band. , 2015, , .		22
74	20-Gb/s PDM-QPSK Signal Delivery over 1.7-km Wireless Distance at W-Band. , 2015, , .		22
75	7\$,imes,\$224 Gb/s/ch Nyquist-WDM Transmission Over 1600-km SMF-28 Using PDM-CSRZ-QPSK Modulation. IEEE Photonics Technology Letters, 2012, 24, 1157-1159.	2.5	21
76	Photonic Vector Signal Generation Employing a Single-Drive MZM-Based Optical Carrier Suppression Without Precoding. Journal of Lightwave Technology, 2015, 33, 5235-5241.	4.6	21
77	Real-Time Generation and Reception of OFDM Signals for \$X\$ -Band RoF Uplink With Heterodyne Detection. IEEE Photonics Technology Letters, 2017, 29, 51-54.	2.5	21
78	Heterodyne coherent detection of WDM PDM-QPSK signals with spectral efficiency of 4b/s/Hz. Optics Express, 2013, 21, 8808.	3.4	20
79	Optical-wireless-optical full link for polarization multiplexing quadrature amplitude/phase modulation signal transmission. Optics Letters, 2013, 38, 4712.	3.3	20
80	Integration of 112-Gb/s PDM-16QAM Wireline and Wireless Data Delivery in Millimeter Wave RoF System. , 2013, , .		20
81	Generation and transmission of 8 Å— 112-Gb/s WDM PDM-16QAM on a 25-GHz grid with simplified heterodyne detection. Optics Express, 2013, 21, 1773.	3.4	19
82	8\$,imes,\$9.95-Gb/s Ultra-Dense WDM-PON on a 12.5-GHz Grid With Digital Pre-Equalization. IEEE Photonics Technology Letters, 2013, 25, 194-197.	2.5	18
83	Frequency-Doubling Photonic Vector Millimeter-Wave Signal Generation From One DML. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	18
84	Improved BER Performance of Real-Time DDO-OFDM Systems Using Interleaved Reedâ€“Solomon Codes. IEEE Photonics Technology Letters, 2016, 28, 1014-1017.	2.5	18
85	Optimization of Precoding Phase Distribution for Frequency-Multiplication Vector Signal Generation. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	18
86	Demonstration of 60 Gb/s W-Band Optical mm-wave Signal Full-Duplex Transmission Over Fiber-Wireless-Fiber Network. IEEE Communications Letters, 2014, 18, 2105-2108.	4.1	17
87	Fiber-Wireless-Fiber Link for DFT-Spread OFDM Signal Transmission at $\langle \text{tex-math notation="LaTeX"} \rangle \langle \text{tex-math notation="LaTeX"} \rangle \langle \text{tex-math notation="LaTeX"} \rangle$ -Band. IEEE Photonics Technology Letters, 2015, 27, 1273-1276.	2.5	17
88	Fiber-THz-Fiber Link for THz Signal Transmission. IEEE Photonics Journal, 2018, 10, 1-6.	2.0	17
89	Demonstration of Four-Channel CWDM 560 Gbit/s 128QAM-OFDM for Optical Inter-connection. , 2016, , .		17
90	The reduction of the LO number for heterodyne coherent detection. Optics Express, 2012, 20, 29613.	3.4	16

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91	Improved Multicarriers Generation by Using Multifrequency Shifting Recirculating Loop. IEEE Photonics Technology Letters, 2012, 24, 1405-1408.	2.5	16
92	Joint Digital Preequalization for Spectrally Efficient Super Nyquist-WDM Signal. Journal of Lightwave Technology, 2013, 31, 3237-3242.	4.6	16
93	Fiber-wireless integration for 80 Gbps polarization division multiplexing 16QAM signal transmission at W-band without RF down conversion. Microwave and Optical Technology Letters, 2015, 57, 9-13.	1.4	16
94	1-Tb/s Photonics-aided Vector Millimeter-Wave Signal Wireless Delivery at D-Band. , 2018, , .		16
95	A 30 Gb/s full-duplex bi-directional transmission optical wireless-over fiber integration system at W-band. Optics Express, 2014, 22, 239.	3.4	15
96	Demonstration of Single-Carrier ETDM 400GE PAM-4 Signals Generation and Detection. IEEE Photonics Technology Letters, 2015, 27, 2543-2546.	2.5	15
97	2 multiple-input multiple-output optical wireless integration system based on optical independent-sideband modulation enabled by an in-phase/quadrature modulator. Optics Letters, 2016, 41, 3138.	3.3	15
98	Robust 9-QAM digital recovery for spectrum shaped coherent QPSK signal. Optics Express, 2013, 21, 7216.	3.4	14
99	Tailoring the properties of aqueous ionic liquid interfaces for tunable synthesis and self-assembly of ZnS nanoparticles. Journal of Materials Chemistry A, 2014, 2, 5140.	10.3	14
100	Flattened optical frequency-locked multi-carrier generation by cascading one EML and one phase modulator driven by different RF clocks. Optical Fiber Technology, 2015, 23, 116-121.	2.7	14
101	A facile synthesis of gold micro/nanostructures at the interface of 1,3-dibutylimidazolium bis(trifluoromethylsulfonyl)imide and water. Journal of Colloid and Interface Science, 2016, 480, 30-38.	9.4	14
102	Bidirectional Delivery of 54-Gbps 8QAM W-Band Signal and 32-Gbps 16QAM K-Band Signal over 20-km SMF-28 and 2500-m Wireless Distance. , 2017, , .		14
103	Ultra-High-Speed Fiber-Wireless-Fiber Link for Emergency Communication System. , 2014, , .		14
104	Probabilistically Shaped 1024-QAM OFDM Transmission in an IM-DD System. , 2018, , .		14
105	Multichannel optical frequency-locked multicarrier source generation based on multichannel recirculation frequency shifter loop. Optics Letters, 2012, 37, 4714.	3.3	13
106	Demonstration of 352 Gbit/s Photonically-enabled D-Band Wireless Delivery in one 2x2 MIMO System. , 2017, , .		13
107	Heterodyne detection and transmission of 60-Cbaud PDM-QPSK signal with SE of 4b/s/Hz. Optics Express, 2014, 22, 9307.	3.4	12
108	High-Speed Signal Transmission at W-Band Over Dielectric-Coated Metallic Hollow Fiber. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1836-1842.	4.6	12

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109	Transmission of 100-Gb/s VSB DFT-Spread DMT Signal in Short-Reach Optical Communication Systems. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	12
110	Photonics-Aided 32-Gb/s Wireless Signal Transmission Over 1 km at K-Band. IEEE Photonics Technology Letters, 2017, 29, 1120-1123.	2.5	12
111	Facile interfacial synthesis of gold micro/nanostructures and their applications for efficient surface enhanced Raman scattering. CrystEngComm, 2013, 15, 1289.	2.6	11
112	Nonlinear compensation and crosstalk suppression for 4 Å— 1608Gb/s WDM PDM-QPSK signal with heterodyne detection. Optics Express, 2013, 21, 9230.	3.4	11
113	Photonics Millimeter-Wave Generation in the E-Band and Bidirectional Transmission. IEEE Photonics Journal, 2013, 5, 7900107-7900107.	2.0	11
114	Large Capacity Optical Wireless Signal Delivery at W-Band: OFDM or Single Carrier?. , 2016, , .		11
115	Simple Scheme for PDM-QPSK Payload Generation in an Optical Label Switching Network. Journal of Optical Communications and Networking, 2016, 8, 53.	4.8	10
116	Theoretical and Experimental Study on Improved Frequency-Locked Multicarrier Generation by Using Recirculating Loop Based on Multifrequency Shifting Single-Sideband Modulation. IEEE Photonics Journal, 2012, 4, 2249-2261.	2.0	9
117	PDM-QPSK vector signal generation by MZM-based optical carrier suppression and direct detection. Optics Communications, 2015, 355, 538-542.	2.1	9
118	Frequency comb selection enabled flexible all optical Nyquist pulse generation. Optics Communications, 2015, 349, 60-64.	2.1	9
119	Antenna Polarization Diversity for 146Gb/s Polarization Multiplexing QPSK Wireless Signal Delivery at W-band. , 2014, , .		9
120	60-Gbps W-Band 64QAM RoF System with T-spaced DD-LMS Equalization. , 2017, , .		9
121	Blind equalization for dual-polarization two-subcarrier coherent QPSK-OFDM signals. Optics Letters, 2014, 39, 201.	3.3	8
122	Mm-Wave Vector Signal Generation and Transport for W-band MIMO System with Intensity Modulation and Direct Detection. , 2016, , .		8
123	Improved multi-channel multi-carrier generation using gain-independent multi-channel frequency shifting recirculating loop. Optics Express, 2012, 20, 29599.	3.4	7
124	Companding transform for PAPR reduction in coherent optical OFDM system. , 2012, , .		7
125	SSMI cancellation in direct-detection optical OFDM with novel half-cycled OFDM. Optics Express, 2013, 21, 28543.	3.4	7
126	Facile interfacial synthesis of large sized 3D gold spherical architectures with strong individual particle SERS response and high reproducibility. Journal of Materials Chemistry C, 2015, 3, 10154-10163.	5.5	7



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127	A New Scheme to Generate Multi-Frequency Mm-Wave Signals Based on Cascaded Phase Modulator and I/Q Modulator. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	7
128	A Transform Domain Processing based Channel Estimation Method for OFDM Radio-over-Fiber Systems. , 2013, , .		7
129	Performance Improvement by Pre-equalization in W-band (75–110GHz) RoF System. , 2013, , .		7
130	W-Band QPSK Vector Signal Generation based on Photonic Heterodyne Beating and Optical Carrier Suppression. , 2016, , .		7
131	A 2–2 MIMO Optical Wireless System at D-Band. , 2016, , .		7
132	Comparison between balanced and unbalanced precoding technique in high-order QAM vector mm-wave signal generation based on intensity modulator with photonic frequency doubling. <i>Optics Express</i> , 2016, 24, 4399.	3.4	6
133	Seamless Integration of a Fiber-THz Wireless-Fiber 2X2 MIMO Broadband Network. , 2018, , .		6
134	Demonstration of Ultra-high Bit Rate Fiber Wireless Transmission System of 108-Gb/s Data over 80-km Fiber and 2–2 MIMO Wireless Links at 100GHz W-Band Frequency. , 2013, , .		6
135	Photonics-Aided Mm-Wave Communication for 5G. , 2019, , .		6
136	Flattened optical frequency-locked multi-carrier generation by cascading one DML and one phase modulator driven by different RF frequency clocks. <i>Laser Physics Letters</i> , 2013, 10, 115001.	1.4	5
137	60-Gb/s CAP-64QAM Transmission Using DML with Direct Detection and Digital Equalization. , 2014, , .		5
138	Demonstration of 120 Gbit/s Full-duplex Signal Transmission over Fiber-Wireless-Fiber Network at W-band. , 2015, , .		5
139	Real-time Reception of Four Channels 50 Gb/s Class High-level QAM-DMT Signal in Short Reach. , 2016, , .		5
140	120Gb/s Wireless Terahertz-Wave Signal Delivery by 375GHz-500GHz Multi-Carrier in a 2–2 MIMO System. , 2018, , .		5
141	Real-Time Gigabit RS-Coded OFDM Signal Transmission over WDM-Based X-Band 2–2 MIMO RoF System. , 2017, , .		5
142	WDM transmission of 1084-Gbaud PDM-QPSK signals (40 – 4336-Gb/s) over 2800-km SMF-28 with EDFA-only. <i>Optics Express</i> , 2012, 20, B217.	3.4	4
143	Adaptive photonic-assisted M <sup>2</sup> -QAM millimeter-wave synthesis in multi-antenna radio-over-fiber system using M-ASK modulation. <i>Optics Letters</i> , 2014, 39, 6106.	3.3	4
144	A 30 Gb/s full-duplex bi-directional transmission optical wireless-over fiber integration system at W-band. , 2014, , .		4

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145	PDM-16QAM vector signal generation and detection based on intensity modulation and direct detection. Optics Communications, 2016, 371, 15-18.	2.1	4
146	56 Gbps signal generation from one 10-G class laser diode for 400G intra-data center interconnection. Optical Fiber Technology, 2017, 36, 210-214.	2.7	4
147	W-Band 16QAM-Modulated SSB Photonic Vector Mm-Wave Signal Generation by One Single I/Q Modulator. , 2017, , .		4
148	Real-time direct-detection of quad-carrier 200Gbps 16QAM-DMT with directly modulated laser. , 2015, , .		3
149	Photonic-aided pre-coding QAM signal transmission in multi-antenna radio over fiber system. Optics Communications, 2015, 354, 236-239.	2.1	3
150	Fiber-â€‘wirelessâ€‘fiber link for 20-Gb/s QPSK signal delivery at W-band with DML for E/O conversion in wireless-â€‘fiberâ€‘fiber connection. Optics Communications, 2015, 354, 231-235.	2.1	3
151	Experimental Investigation on Fiber-Wireless MIMO System With Different LO at W Band. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	3
152	Delivery of 138.88Gpbs Signal in a RoF Network with real-time processing based on heterodyne detection. , 2020, , .		3
153	Joint adaptive code rate technique and bit interleaver for direct-detection optical OFDM system. Optical Fiber Technology, 2013, 19, 35-39.	2.7	2
154	Transmission and reception of Quad-Carrier QPSK-OFDM signal with blind equalization and overhead-free operation. Optics Express, 2013, 21, 30999.	3.4	2
155	Improved Robustness to Synchronization Errors with a Novel Windowing Technique for 40GHz 64-QAM OFDM-RoF System. , 2014, , .		2
156	Optical-â€‘wireless integration of W-â€‘band wireless and free-â€‘space optical links. Microwave and Optical Technology Letters, 2017, 59, 561-563.	1.4	2
157	Antenna misalignment effects in 100 Gbit/s D-band wireless transmissions. Microwave and Optical Technology Letters, 2017, 59, 1431-1434.	1.4	2
158	Broadband radio-over-fiber technologies for next-generation wireless systems. , 2020, , 979-1038.		2
159	Multi modulus Blind Equalizations for Coherent Spectrum Shaped PolMux Quadrature Duobinary Signal Processing. , 2013, , .		2
160	Demonstration of 24-Gb/s Carrier-less Amplitude and Phase Modulation (CAP) 64QAM Radio-over-Fiber System over 40-GHz Mm-wave Fiber-Wireless Transmission. , 2014, , .		2
161	MicrobioSee: A Web-Based Visualization Toolkit for Multi-Omics of Microbiology. Frontiers in Genetics, 2022, 13, 853612.	2.3	2
162	10Gbit/s MSK modulation for radio-over-fiber system. , 2010, , .		1

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