

Xinying Li

List of Publications by Year in descending order

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186
papers

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101543

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times ranked

1628
citing authors

#	ARTICLE	IF	CITATIONS
1	MicrobioSee: A Web-Based Visualization Toolkit for Multi-Omics of Microbiology. <i>Frontiers in Genetics</i> , 2022, 13, 853612.	2.3	2
2	SOA Pre-Amplified 100 Gb/s/λ PAM-4 TDM-PON Downstream Transmission Using 10 Gbps O-Band Transmitters. <i>Journal of Lightwave Technology</i> , 2020, 38, 185-193.	4.6	30
3	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
4	Broadband radio-over-fiber technologies for next-generation wireless systems. , 2020, , 979-1038.		2
5	200 Gbit/s/λ 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
6	Delivery of 138.88 Gbps Signal in a RoF Network with real-time processing based on heterodyne detection. , 2020, , .		3
7	120 Gb/s Wireless Terahertz-Wave Signal Delivery by 375 GHz-500 GHz Multi-Carrier in a 2 × 2 MIMO System. <i>Journal of Lightwave Technology</i> , 2019, 37, 606-611.	4.6	53
8	High Spectral Efficiency 400 Gb/s Transmission by Different Modulation Formats and Advanced DSP. <i>Journal of Lightwave Technology</i> , 2019, 37, 5317-5325.	4.6	25
9	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
10	Photonics-Assisted Technologies for Extreme Broadband 5G Wireless Communications. <i>Journal of Lightwave Technology</i> , 2019, 37, 2851-2865.	4.6	62
11	100-Gb/s PAM-4 FSO Transmission Based on Polarization Modulation and Direct Detection. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 755-758.	2.5	28
12	Delivery of 1.196-Tb/s signal over 800 m based on RF/FSO convergence. , 2019, , .		0
13	1-Tb/s Millimeter-Wave Signal Wireless Delivery at D-Band. <i>Journal of Lightwave Technology</i> , 2019, 37, 196-204.	4.6	77
14	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
15	132-Gb/s Photonics-Aided Single-Carrier Wireless Terahertz-Wave Signal Transmission at 450 GHz Enabled by 64QAM Modulation and Probabilistic Shaping. , 2019, , .		24
16	Photonics-Aided Mm-Wave Communication for 5G. , 2019, , .		6
17	Single-Carrier Dual-Polarization 328-Gb/s Wireless Transmission in a D-Band Millimeter Wave 2 × 2 MU-MIMO Radio-Over-Fiber System. <i>Journal of Lightwave Technology</i> , 2018, 36, 587-593.	4.6	61
18	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

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19	Fiber-THz-Fiber Link for THz Signal Transmission. IEEE Photonics Journal, 2018, 10, 1-6.	2.0	17
20	Seamless Integration of a Fiber-THz Wireless-Fiber 2X2 MIMO Broadband Network. , 2018, , .		6
21	Tutorial: Broadband fiber-wireless integration for 5G+ communication. APL Photonics, 2018, 3, .	5.7	53
22	120Gb/s Wireless Terahertz-Wave Signal Delivery by 375GHz-500GHz Multi-Carrier in a 2 ^N —2 MIMO System. , 2018, , .		5
23	1-Tb/s Photonics-aided Vector Millimeter-Wave Signal Wireless Delivery at D-Band. , 2018, , .		16
24	Probabilistically Shaped 1024-QAM OFDM Transmission in an IM-DD System. , 2018, , .		14
25	Large-capacity long-distance bidirectional wireless signal transmission at hybrid K- and W-band. , 2018, , .		0
26	Vector mm-wave signal generation at W-band based on EAM+PM. , 2018, , .		0
27	Optical- ϵ wireless integration of W ϵ band wireless and free ϵ space optical links. Microwave and Optical Technology Letters, 2017, 59, 561-563.	1.4	2
28	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
29	Antenna misalignment effects in 100 Gbit/s D-band wireless transmissions. Microwave and Optical Technology Letters, 2017, 59, 1431-1434.	1.4	2
30	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
31	W-Band Vector Millimeter-Wave Signal Generation Based on Phase Modulator With Photonic Frequency Quadrupling and Precoding. Journal of Lightwave Technology, 2017, 35, 2548-2558.	4.6	31
32	Probabilistic shaping for ROF system with heterodyne coherent detection. APL Photonics, 2017, 2, .	5.7	30
33	Demonstration of 4 $\tilde{\text{A}}$ — 100 $\hat{\epsilon}\%$ Gbps discrete multitone transmission using electric absorption modulated laser at 1550-nm for dense wavelength division multiplexing intradata center connect. Optical Engineering, 2017, 56, 036107.	1.0	0
34	Generation and Heterodyne Detection of $\hat{\text{g}}\text{t}$;100-Gb/s $\text{\$Q\$}$ -Band PDM-64QAM mm-Wave Signal. IEEE Photonics Technology Letters, 2017, 29, 27-30.	2.5	28
35	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
36	Optimization of Precoding Phase Distribution for Frequency-Multiplication Vector Signal Generation. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	18

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37	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
38	Photonics-aided 2×2 MIMO wireless terahertz-wave signal transmission system with optical polarization multiplexing. Optics Express, 2017, 25, 33236.	3.4	32
39	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
40	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
41	60-Gbps W-Band 64QAM RoF System with T-spaced DD-LMS Equalization. , 2017, , .		9
42	W-Band 16QAM-Modulated SSB Photonic Vector Mm-Wave Signal Generation by One Single I/Q Modulator. , 2017, , .		4
43	Demonstration of 352 Gbit/s Photonically-enabled D-Band Wireless Delivery in one 2×2 MIMO System. , 2017, , .		13
44	Real-Time Gigabit RS-Coded OFDM Signal Transmission over WDM-Based X-Band 2×2 MIMO RoF System. , 2017, , .		5
45	Comparison of DFT-S-orthogonal frequency division multiplexing and single-carrier in a radio-over-fiber system. Optical Engineering, 2017, 56, 1.	1.0	0
46	Real-time Reception of Four Channels 50 Gb/s Class High-level QAM-DMT Signal in Short Reach. , 2016, , .		5
47	Simple and reconfigured single-sideband OFDM RoF system. Optics Express, 2016, 24, 22830.	3.4	35
48	Comparison between balanced and unbalanced precoding technique in high-order QAM vector mm-wave signal generation based on intensity modulator with photonic frequency doubling. Optics Express, 2016, 24, 4399.	3.4	6
49	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
50	Over 100 Gb/s Ultrabroadband MIMO Wireless Signal Delivery System at the D-Band. IEEE Photonics Journal, 2016, 8, 1-10.	2.0	30
51	Single-sideband W-band photonic vector millimeter-wave signal generation by one single I/Q modulator. Optics Letters, 2016, 41, 4162.	3.3	35
52	Demonstration of 520 Gb/s pre-equalized DFT-spread PDM-16QAM-OFDM signal transmission. Optics Express, 2016, 24, 2648.	3.4	27
53	2×2 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
54	Over 100-Gb/s V-Band Single-Carrier PDM-64QAM Fiber-Wireless-Integration System. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	23

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55	Demonstration of high-speed quadrature phase shift keying vector signal generation employing a single Mach-Zehnder modulator with phase precoding technology. <i>Optical Engineering</i> , 2016, 55, 016101.	1.0	0
56	Long-Distance Wireless mm-Wave Signal Delivery at W-Band. <i>Journal of Lightwave Technology</i> , 2016, 34, 661-668.	4.6	90
57	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
58	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
59	PDM-16QAM vector signal generation and detection based on intensity modulation and direct detection. <i>Optics Communications</i> , 2016, 371, 15-18.	2.1	4
60	Improved BER Performance of Real-Time DDO-OFDM Systems Using Interleaved Reed-Solomon Codes. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 1014-1017.	2.5	18
61	Simple Scheme for PDM-QPSK Payload Generation in an Optical Label Switching Network. <i>Journal of Optical Communications and Networking</i> , 2016, 8, 53.	4.8	10
62	Photonics aided ultra-wideband W-band signal generation and air space transmission. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
63	Demonstration of Ultra-Capacity Wireless Signal Delivery at W-Band. <i>Journal of Lightwave Technology</i> , 2016, 34, 180-187.	4.6	64
64	Mm-Wave Vector Signal Generation and Transport for W-band MIMO System with Intensity Modulation and Direct Detection. , 2016, , .		8
65	W-Band QPSK Vector Signal Generation based on Photonic Heterodyne Beating and Optical Carrier Suppression. , 2016, , .		7
66	Large Capacity Optical Wireless Signal Delivery at W-Band: OFDM or Single Carrier?. , 2016, , .		11
67	Demonstration of Four-Channel CWDM 560 Gbit/s 128QAM-OFDM for Optical Inter-connection. , 2016, , .		17
68	A 2 ^{Ã—2} MIMO Optical Wireless System at D-Band. , 2016, , .		7
69	100 ³ (100Gb/s;100m;100GHz) optical wireless system. , 2015, , .		1
70	Demonstration of 120 Gbit/s Full-duplex Signal Transmission over Fiber-Wireless-Fiber Network at W-band. , 2015, , .		5
71	High-Speed Signal Transmission at W-Band Over Dielectric-Coated Metallic Hollow Fiber. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015, 63, 1836-1842.	4.6	12
72	Fiber-Wireless-Fiber Link for DFT-Spread OFDM Signal Transmission at γ Band. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1273-1276.	2.5	17

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73	W-Band PDM-QPSK Vector Signal Generation by MZM-Based Photonic Frequency Octupling and Precoding. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	43
74	Real-time direct-detection of quad-carrier 200Gbps 16QAM-DMT with directly modulated laser. , 2015, , .		3
75	QPSK Vector Signal Generation Based on Photonic Heterodyne Beating and Optical Carrier Suppression. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	30
76	Transmission of 8×128.8Gbaud single-carrier PDM-QPSK signal over 2800-km EDFA-only SMF-28 link. , 2015, , .		1
77	W-Band 8QAM Vector Signal Generation by MZM-Based Photonic Frequency Octupling. IEEE Photonics Technology Letters, 2015, 27, 1257-1260.	2.5	99
78	Balanced Precoding Technique for Vector Signal Generation Based on OCS. IEEE Photonics Technology Letters, 2015, 27, 2469-2472.	2.5	33
79	Photonic-aided pre-coding QAM signal transmission in multi-antenna radio over fiber system. Optics Communications, 2015, 354, 236-239.	2.1	3
80	Frequency-Doubling Photonic Vector Millimeter-Wave Signal Generation From One DML. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	18
81	Large-capacity long-distance wireless mm-wave signal delivery at W-band. , 2015, , .		1
82	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
83	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
84	Fiberâ€“wirelessâ€“fiber link for 20-Gb/s QPSK signal delivery at W-band with DML for E/O conversion in wirelessâ€“fiber connection. Optics Communications, 2015, 354, 231-235.	2.1	3
85	PDM-QPSK vector signal generation by MZM-based optical carrier suppression and direct detection. Optics Communications, 2015, 355, 538-542.	2.1	9
86	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
87	Fiberâ€“wireless integration for 80 Gbps polarization division multiplexing âˆ”16QAM signal transmission at Wâ€“band without RF down conversion. Microwave and Optical Technology Letters, 2015, 57, 9-13.	1.4	16
88	Frequency comb selection enabled flexible all optical Nyquist pulse generation. Optics Communications, 2015, 349, 60-64.	2.1	9
89	Photonic vector signal generation at W-band employing an optical frequency octupling scheme enabled by a single MZM. Optics Communications, 2015, 349, 6-10.	2.1	40
90	Experimental Investigation on Fiber-Wireless MIMO System With Different LO at W Band. IEEE Photonics Journal, 2015, 7, 1-7.	2.0	3

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91	Performance Comparison of DFT-Spread and Pre-Equalization for 8 Å— 244.2-Gb/s PDM-16QAM-OFDM. <i>Journal of Lightwave Technology</i> , 2015, 33, 227-233.	4.6	36
92	Transmission and reception of PDM dual-subcarrier coherent 16QAM-OFDM signals. <i>Optical Fiber Technology</i> , 2015, 26, 201-205.	2.7	1
93	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
94	QAM Vector Signal Generation by Optical Carrier Suppression and Precoding Techniques. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 1977-1980.	2.5	89
95	OFDM Vector Signal Generation Based on Optical Carrier Suppression. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2449-2452.	2.5	26
96	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
97	Transmission of 100-Gb/s VSB DFT-Spread DMT Signal in Short-Reach Optical Communication Systems. <i>IEEE Photonics Journal</i> , 2015, 7, 1-7.	2.0	12
98	Demonstration of Single-Carrier ETDM 400GE PAM-4 Signals Generation and Detection. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 2543-2546.	2.5	15
99	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
100	High-frequency photonic vector signal generation employing a single phase modulator. <i>IEEE Photonics Journal</i> , 2015, , 1-1.	2.0	23
101	Facile interfacial synthesis of large sized 3D gold spherical architectures with strong individual particle SERS response and high reproducibility. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10154-10163.	5.5	7
102	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
103	20-Gb/s PDM-QPSK Signal Delivery over 1.7-km Wireless Distance at W-Band. , 2015, , .		22
104	Demonstration of 125-GBaud all-optical Nyquist QPSK signal generation and full-band coherent detection based on one receiver. , 2014, , .		1
105	Adaptive photonic-assisted M ² -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
106	Blind equalization for dual-polarization two-subcarrier coherent QPSK-OFDM signals. <i>Optics Letters</i> , 2014, 39, 201.	3.3	8
107	Heterodyne detection and transmission of 60-Cbaud PDM-QPSK signal with SE of 4b/s/Hz. <i>Optics Express</i> , 2014, 22, 9307.	3.4	12
108	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

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109	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
110	Demonstration of DFT-spread 256QAM-OFDM signal transmission with cost-effective directly modulated laser. Optics Express, 2014, 22, 8742.	3.4	39
111	Antenna polarization diversity for high-speed polarization multiplexing wireless signal delivery at W-band. Optics Letters, 2014, 39, 1169.	3.3	76
112	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
113	432-Gb/s PDM-16QAM signal wireless delivery at W-band using optical and antenna polarization multiplexing. , 2014, , .		47
114	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
115	High-Level QAM OFDM System Using DML for Low-Cost Short Reach Optical Communications. IEEE Photonics Technology Letters, 2014, 26, 941-944.	2.5	51
116	Tailoring the properties of aqueousâ€“ionic liquid interfaces for tunable synthesis and self-assembly of ZnS nanoparticles. Journal of Materials Chemistry A, 2014, 2, 5140.	10.3	14
117	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
118	60-Gb/s CAP-64QAM Transmission Using DML with Direct Detection and Digital Equalization. , 2014, , .		5
119	A 30 Gb/s full-duplex bi-directional transmission optical wireless-over fiber integration system at W-band. , 2014, , .		4
120	Transmission and Reception of Quad-Carrier QPSK-OFDM Signal with Blind Equalization. , 2014, , .		1
121	Improved Robustness to Synchronization Errors with a Novel Windowing Technique for 40GHz 64-QAM OFDM-RoF System. , 2014, , .		2
122	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
123	Ultra-High-Speed Fiber-Wireless-Fiber Link for Emergency Communication System. , 2014, , .		14
124	Antenna Polarization Diversity for 146Gb/s Polarization Multiplexing QPSK Wireless Signal Delivery at W-band. , 2014, , .		9
125	Over 2000-km Transmission of 60-Cbaud PDM-QPSK Signal with Heterodyne Detection and SE of 4b/s/Hz. , 2014, , .		0
126	Multichannel 120-Gb/s Data Transmission Over 2\$,imes,\$2 MIMO Fiber-Wireless Link at W-Band. IEEE Photonics Technology Letters, 2013, 25, 780-783.	2.5	151

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127	Fiber-Wireless Transmission System of PDM-MIMO-OFDM at 100 GHz Frequency. <i>Journal of Lightwave Technology</i> , 2013, 31, 2394-2399.	4.6	65
128	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
129	Improved Quadrature Duobinary System Performance Using Multi-Modulus Equalization. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 1630-1633.	2.5	22
130	8 \times 95-Gb/s Ultra-Dense WDM-PON on a 12.5-GHz Grid With Digital Pre-Equalization. <i>IEEE Photonics Technology Letters</i> , 2013, 25, 194-197.	2.5	18
131	Facile interfacial synthesis of gold micro/nanostructures and their applications for efficient surface enhanced Raman scattering. <i>CrystEngComm</i> , 2013, 15, 1289.	2.6	11
132	Digital Nonlinear Compensation Based on the Modified Logarithmic Step Size. <i>Journal of Lightwave Technology</i> , 2013, 31, 3546-3555.	4.6	25
133	Joint adaptive code rate technique and bit interleaver for direct-detection optical OFDM system. <i>Optical Fiber Technology</i> , 2013, 19, 35-39.	2.7	2
134	Joint Digital Preequalization for Spectrally Efficient Super Nyquist-WDM Signal. <i>Journal of Lightwave Technology</i> , 2013, 31, 3237-3242.	4.6	16
135	Doubling transmission capacity in optical wireless system by antenna horizontal- and vertical-polarization multiplexing. <i>Optics Letters</i> , 2013, 38, 2125.	3.3	35
136	Heterodyne coherent detection of WDM PDM-QPSK signals with spectral efficiency of 4b/s/Hz. <i>Optics Express</i> , 2013, 21, 8808.	3.4	20
137	Nonlinear compensation and crosstalk suppression for 4 \times 1608Gb/s WDM PDM-QPSK signal with heterodyne detection. <i>Optics Express</i> , 2013, 21, 9230.	3.4	11
138	11 \times 5 \times 93Gb/s WDM-CAP-PON based on optical single-side band multi-level multi-band carrier-less amplitude and phase modulation with direct detection. <i>Optics Express</i> , 2013, 21, 18842.	3.4	92
139	Optical-wireless-optical full link for polarization multiplexing quadrature amplitude/phase modulation signal transmission. <i>Optics Letters</i> , 2013, 38, 4712.	3.3	20
140	Transmission of 8 \times 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
141	A 400G optical wireless integration delivery system. <i>Optics Express</i> , 2013, 21, 18812.	3.4	141
142	Faster than fiber: over 100-Gb/s signal delivery in fiber wireless integration system. <i>Optics Express</i> , 2013, 21, 22885.	3.4	103
143	Experimental demonstration of 24-Gb/s CAP-64QAM radio-over-fiber system over 40-GHz mm-wave fiber-wireless transmission. <i>Optics Express</i> , 2013, 21, 26888.	3.4	28
144	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

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145	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
146	SSMI cancellation in direct-detection optical OFDM with novel half-cycled OFDM. Optics Express, 2013, 21, 28543.	3.4	7
147	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
148	Photonics Millimeter-Wave Generation in the E-Band and Bidirectional Transmission. IEEE Photonics Journal, 2013, 5, 7900107-7900107.	2.0	11
149	Transmission and reception of Quad-Carrier QPSK-OFDM signal with blind equalization and overhead-free operation. Optics Express, 2013, 21, 30999.	3.4	2
150	Experimental investigation of pilot power allocation in direct-detected optical orthogonal frequency division multiplexing system. Optical Engineering, 2013, 52, 015009.	1.0	1
151	Flattened optical frequency-locked multi-carrier generation by cascading one DML and one phase modulator driven by different RF frequency clocks. Laser Physics Letters, 2013, 10, 115001.	1.4	5
152	Transmission of 200 G PDM-CSRZ-QPSK and PDM-16 QAM With a SE of 4 b/s/Hz. Journal of Lightwave Technology, 2013, 31, 515-522.	4.6	46
153	Robust 9-QAM digital recovery for spectrum shaped coherent QPSK signal. Optics Express, 2013, 21, 7216.	3.4	14
154	Integration of 112-Gb/s PDM-16QAM Wireline and Wireless Data Delivery in Millimeter Wave RoF System. , 2013, , .		20
155	Seamless integration of 100-G wire line and 100-GHz wireless link system. Proceedings of SPIE, 2013, , .	0.8	0
156	Faster than fiber: demonstration of over 100 Gb/s signal delivery at W-band. , 2013, , .		1
157	Demonstration of Ultra-high Bit Rate Fiber Wireless Transmission System of 108-Gb/s Data over 80-km Fiber and 2Å—2 MIMO Wireless Links at 100GHz W-Band Frequency. , 2013, , .		6
158	A Transform Domain Processing based Channel Estimation Method for OFDM Radio-over-Fiber Systems. , 2013, , .		7
159	Performance Improvement by Pre-equalization in W-band (75Å—110GHz) RoF System. , 2013, , .		7
160	Multi modulus Blind Equalizations for Coherent Spectrum Shaped PolMux Quadrature Duobinary Signal Processing. , 2013, , .		2
161	Multi-channel Optical Frequency-locked Multi-carrier Source Generation based on Multi-channel Recirculation Frequency Shifter Loop. , 2013, , .		1
162	Nonlinear Compensation and Inter-channel Crosstalk Suppression for 4Å—160.8Gb/s DWDM PDM-QPSK signal with Heterodyne Coherent Detection. , 2013, , .		0

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163	Flattened Optical Comb Generation using only Phase Modulators Driven by Single Fundamental Frequency Sinusoidal Sources with Small Frequency Offset. , 2013, , .		1
164	Fiber-wireless transmission system of 108â€‰%â€‰Gb/s data over 80Âkm fiber and 2Ã—2 multiple-input multiple-output wireless links at 100ÂGHz W-band frequency. Optics Letters, 2012, 37, 5106.	3.3	194
165	Hadamard Transform Combined With Companding Transform Technique for PAPR Reduction in an Optical Direct-Detection OFDM System. Journal of Optical Communications and Networking, 2012, 4, 709.	4.8	51
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