

Chun Kit Calvin Chan

List of Publications by Year in descending order

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times ranked

1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic polarization-insensitive BOTDA in direct-detection OFDM with CNN-based BFS extraction. Optics Express, 2022, 30, 7725.	1.7	5
2	Equalizer State Caching for Fast Data Recovery in Optically-Switched Data Center Networks. Journal of Lightwave Technology, 2021, 39, 5362-5370.	2.7	4
3	Chaotic Non-Orthogonal Matrix-Based Encryption for Secure OFDM-PONs. IEEE Photonics Technology Letters, 2021, 33, 1127-1130.	1.3	5
4	Performance Comparison of Different 8-QAM Constellations Used in SEFDM systems. , 2021, , .		3
5	Experimental demonstration of direct re-modulation for an IM/DD OFDM-WDM-PON with symmetrical bi-directional transmission. Optics Communications, 2020, 460, 125123.	1.0	7
6	A Novel Baseband Faster-Than-Nyquist Non-Orthogonal FDM IM/DD System With Block Segmented Soft-Decision Decoder. Journal of Lightwave Technology, 2020, 38, 632-641.	2.7	10
7	An Experimental Demonstration of 160-Gbit/s PAM-4 Using a Silicon Micro-Ring Modulator. IEEE Photonics Technology Letters, 2020, 32, 125-128.	1.3	41
8	Non-Orthogonal Matrix Precoding based Faster-than-Nyquist Signaling over Optical Wireless Communications. , 2020, , .		2
9	Investigation of a Low-Complexity Transceiver for Orthogonal Chirp Division Multiplexing based IM/DD OWC Systems. , 2019, , .		2
10	Phase-Aligned Physical-Layer Network Coding in Visible Light Communications. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	12
11	Channel interference study and power ratio optimization on two optical Nyquist-PM-QPSK signals with spectral overlap. Optics Express, 2019, 27, 35574.	1.7	3
12	Experimental demonstration of 1111-Gb/s net information rate using IM/DD probabilistically shaped orthogonal chirp-division multiplexing with a 10-GHz-class modulator. Optics Express, 2019, 27, 33789.	1.7	2
13	A Protection Scheme for Central Offices in Radio-on-Fiber Cloud Radio Access Networks. , 2018, , .		0
14	A Modified Fractional DFT based FTN-NOFDM Technique for IM/DD Optical Systems. , 2018, , .		2
15	Signal Processing for Optical Communication System Assisted by Computer Vision Techniques. , 2018, , .		0
16	A Robust Channel Processor for Faster-than-Nyquist Non-Orthogonal FDM Visible Light Communication Systems. , 2018, , .		3
17	Carrier Phase Recovery for Set-Partitioning QAM Formats. Journal of Lightwave Technology, 2018, 36, 4129-4137.	2.7	8
18	Experimental characterization of the radio over fiber aided twin-antenna spatial modulation downlink. Optics Express, 2018, 26, 12432.	1.7	8

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19	Modulation format identification enabled by the digital frequency-offset loading technique for hitless coherent transceiver. Optics Express, 2018, 26, 7288.	1.7	36
20	Negative Frequency-Chirped 112-Gb/s PAM-4 Using an Integrated Germanium Franz-Keldysh Modulator. IEEE Photonics Technology Letters, 2018, 30, 1443-1446.	1.3	7
21	A Real-Valued Chaotic Orthogonal Matrix Transform-Based Encryption for OFDM-PON. IEEE Photonics Technology Letters, 2018, 30, 1455-1458.	1.3	14
22	A 7-D Hyperchaotic System-Based Encryption Scheme for Secure Fast-OFDM-PON. Journal of Lightwave Technology, 2018, 36, 3373-3381.	2.7	40
23	Image Processing Techniques for Signal Processing in Optical Communication Systems. , 2018, , .		0
24	Blind and Fast Modulation Format Identification by Frequency-offset Loading for Hitless Flexible Transceiver. , 2018, , .		3
25	Joint Detection of Visible Light Communication Signals Under Non-Orthogonal Multiple Access. IEEE Photonics Technology Letters, 2017, 29, 377-380.	1.3	34
26	Modulation Format Recognition for Optical Signals Using Connected Component Analysis. IEEE Photonics Technology Letters, 2017, 29, 11-14.	1.3	34
27	Simple Self-Homodyne Detection Scheme for Optical OFDM With Inserted Pilot Subframes and Application in Optical Access Networks. IEEE Access, 2017, 5, 24602-24607.	2.6	3
28	Physical-layer network coding for passive optical interconnect in datacenter networks. Optics Express, 2017, 25, 17788.	1.7	10
29	Adaptively loaded SP-offset-QAM OFDM for IM/DD communication systems. Optics Express, 2017, 25, 21603.	1.7	9
30	A switching architecture for remote radio head protection in cloud radio access networks. , 2017, , .		1
31	Elastic Versus WDM Networks With Dedicated Multicast Protection. Journal of Optical Communications and Networking, 2017, 9, 921.	3.3	11
32	Adaptively Loaded IM/DD Offset-QAM OFDM Based on Set-Partitioned QAM Formats. , 2017, , .		0
33	Simplified Self-Homodyne Detection for Optical OFDM with Inserted Pilot Sub-Samples and its Application in Downstream of Optical Access Networks. , 2017, , .		2
34	Phase Pre-Distortion for Non-Orthogonal Multiple Access in Visible Light Communications. , 2016, , .		9
35	Flexible and scalable wavelength multicast of coherent optical OFDM with tolerance against pump phase-noise using reconfigurable coherent multi-carrier pumping. Optics Express, 2016, 24, 22573.	1.7	11
36	Common phase error estimation in coherent optical OFDM systems using best-fit bounding box. Optics Express, 2016, 24, 23707.	1.7	4

#	ARTICLE	IF	CITATIONS
37	Spectrally overlaid DDO-OFDM transmission enabled by optical power division multiplexing. , 2016, , .		1
38	Efficient routing and spectrum assignment in elastic optical networks with time scheduled traffic. Optical Fiber Technology, 2016, 30, 116-124.	1.4	11
39	Digital Domain Power Division Multiplexing DDO-OFDM Transmission with Successive Interference Cancellation. , 2016, , .		9
40	Non-orthogonal multiple access with phase pre-distortion in visible light communication. Optics Express, 2016, 24, 25816.	1.7	45
41	Blind Modulation Format Recognition for Software-defined Optical Networks Using Image Processing Techniques. , 2016, , .		15
42	Dynamic Resource Allocation for All-Optical Multicast based on Sub-tree Scheme in Elastic Optical Networks. , 2016, , .		13
43	Experimental Investigation of Phase-Sensitive Amplification in Quantum-Dot Semiconductor Optical Amplifier. , 2016, , .		1
44	Pump-Phase-Noise-Tolerant Wavelength Conversion for Coherent Optical OFDM using Coherent DFB Pumping. , 2016, , .		0
45	Common phase error estimation for coherent optical OFDM system using best-fit bounding box. , 2015, , .		1
46	Pilot-Aided Optical Signal-to-Noise Ratio Estimation for Direct-Detection OFDM Systems. IEEE Photonics Technology Letters, 2015, 27, 1165-1168.	1.3	12
47	Mitigation of inter-carrier interference induced by phase noise and residual carrier frequency offset in CO-OFDM systems. , 2015, , .		1
48	Dynamic Multipath Routing With Traffic Grooming in OFDM-Based Elastic Optical Path Networks. Journal of Lightwave Technology, 2015, 33, 275-281.	2.7	38
49	A Pilot-Related PMD Monitoring Scheme for Direct Detection Optical OFDM System. Journal of Lightwave Technology, 2015, 33, 2884-2891.	2.7	3
50	Physical-layer network coding in coherent optical OFDM systems. Optics Express, 2015, 23, 10057.	1.7	10
51	Common Phase Estimation in Coherent OFDM System Using Image Processing Technique. IEEE Photonics Technology Letters, 2015, 27, 1597-1600.	1.3	7
52	Virtual private networks in OFDM-PON supporting radio-over-fiber based on physical-layer network coding. , 2015, , .		1
53	Wavelength Conflict Resolution by Spectral Overlap of Two Nyquist-WDM Signals. , 2015, , .		1
54	Image Processing Based Common Phase Estimation for Coherent Optical Orthogonal Frequency Division Multiplexing System. , 2015, , .		5

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55	A PMD Monitoring Scheme for Direct-Detection Optical OFDM Systems Using Code-Assisted Optical Subcarriers. , 2014, , .		1
56	Coded-subcarrier-aided chromatic dispersion monitoring scheme for flexible optical OFDM networks. Optics Express, 2014, 22, 18934.	1.7	1
57	A novel survivable architecture for hybrid WDM/TDM passive optical networks. Optics Communications, 2014, 312, 52-56.	1.0	11
58	Increasing the grating coupler bandwidth with a high numerical-aperture fiber. , 2014, , .		1
59	Proposal and numerical study of ultra-compact active hybrid plasmonic resonator for sub-wavelength lasing applications. Scientific Reports, 2014, 4, 3720.	1.6	24
60	Optical Overlay of Multicast Stream on a Survivable WDM Passive Optical Network. IEEE Photonics Technology Letters, 2013, 25, 584-586.	1.3	8
61	Characterization of an optical frequency-shift-keying transmitter based on carrier-suppressed phase modulation. Optical Fiber Technology, 2013, 19, 227-230.	1.4	2
62	Ultra-Compact Plasmonic Microresonator with Efficient Thermo-Optic Tuning, High Quality Factor and Small Mode Volume. , 2013, , .		0
63	Generation of Return-to-Zero Optical Pulses Using Directly Modulated Chirp Managed Laser. IEEE Photonics Technology Letters, 2012, 24, 1227-1229.	1.3	2
64	Generation and transmission of 10.709-Gbaud RZ-DQPSK using a chirp managed laser. , 2012, , .		0
65	Optical Physical-Layer Network Coding. IEEE Photonics Technology Letters, 2012, 24, 1424-1427.	1.3	41
66	Generation and Transmission of 10-Gbaud Optical 3/4-RZ-DQPSK Signals Using a Chirp-Managed DBR Laser. Journal of Lightwave Technology, 2012, 30, 3299-3305.	2.7	11
67	A novel WDM passive optical network architecture supporting two independent multicast data streams. Optical Fiber Technology, 2012, 18, 29-33.	1.4	0
68	A Path Tracing Scheme for All-Optical Packet-Switched Networks. Journal of Lightwave Technology, 2012, 30, 1625-1631.	2.7	0
69	Translucent Optical Network Planning With Heterogeneous Signal Modulation Formats. Journal of Lightwave Technology, 2012, 30, 1335-1341.	2.7	2
70	A Novel Fiber-Based Variable All-Optical Packet Buffer Based on Self-Phase-Modulation-Induced Spectral Broadening. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 654-661.	1.9	1
71	Adaptive Fault Monitoring in All-Optical Networks Utilizing Real-Time Data Traffic. Journal of Network and Systems Management, 2012, 20, 76-96.	3.3	3
72	Generation of Dispersion Tolerant Manchester-Duobinary Signal Using Directly Modulated Chirp Managed Laser. IEEE Photonics Technology Letters, 2011, 23, 1043-1045.	1.3	10

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73	Generation and Transmission of 10-Gb/s RZ-DPSK Signals Using a Directly Modulated Chirp-Managed Laser. IEEE Photonics Technology Letters, 2011, 23, 173-175.	1.3	19
74	An Optical Multicast Overlay Scheme for a WDM PON Using Inverse-RZ-Duobinary Signals. IEEE Photonics Technology Letters, 2011, 23, 257-259.	1.3	5
75	A Centrally Controlled Survivable WDM-PON Based on Optical Carrier Suppression Technique. IEEE Photonics Technology Letters, 2011, 23, 386-388.	1.3	19
76	Provisioning of Survivable Multicast Sessions in Wavelength-Routed Optical Networks With Scheduled Traffic. Journal of Lightwave Technology, 2011, 29, 685-690.	2.7	5
77	Energy-Efficient Traffic Grooming in WDM Networks With Scheduled Time Traffic. Journal of Lightwave Technology, 2011, 29, 2577-2584.	2.7	29
78	Chromatic Dispersion Compensation With Feed Forward Equalizer and Decision Feedback Equalizer for Manchester Coded Signals. Journal of Lightwave Technology, 2011, 29, 2740-2746.	2.7	2
79	Advanced modulation format generation using high-speed directly modulated lasers for optical metro/access systems. , 2011, , .		3
80	Efficient Regenerator Placement and Wavelength Assignment in Optical Networks. , 2011, , .		5
81	A Cost-effective Pilot-Tone-based Monitoring Technique for Power Saving in RSOA-based WDM-PON. , 2011, , .		2
82	Generation of 20-Gb/s RZ-DQPSK Signal using a Directly Modulated Chirp Managed Laser. , 2011, , .		6
83	Time-Interleaved Phase Remodulation to Enable Broadcast Transmission in Bidirectional WDM-PONs without Additional Light Sources. , 2011, , .		3
84	On Multiplexing Optimization in DWDM Networks. , 2011, , .		4
85	A WDM-PON Optical Multicast Overlay Scheme Using Inverse-RZ-Duobinary Signal. , 2010, , .		2
86	An 80-km-reach centralized-light-source WDM PON utilizing Inverse-RZ-Duobinary downstream signals. , 2010, , .		2
87	An optical multicast overlay scheme using optical sub-carriers for WDM passive optical networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 818-826.	9.7	6
88	Phase-Modulation-Based Loopback Scheme for Rayleigh Noise Suppression in 10-Gb/s Carrier-Distributed WDM-PONs. IEEE Photonics Technology Letters, 2010, 22, 1343-1345.	1.3	12
89	Optical Overlay of Two Independent Multicast Streams on a WDM Passive Optical Network. IEEE Photonics Technology Letters, 2010, 22, 1536-1538.	1.3	4
90	A Delay-Based Multicast Overlay Scheme for WDM Passive Optical Networks With 10-Gb/s Symmetric Two-Way Traffics. Journal of Lightwave Technology, 2010, 28, 2660-2666.	2.7	25

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91	Energy Efficient Time-Aware Traffic Grooming in Wavelength Routing Networks. , 2010, , .		16
92	High extinction ratio phase re-modulation for 10-Gb/s WDM-PON with enhanced tolerance to rayleigh noise. , 2010, , .		3
93	A simple multicast overlay scheme for WDM passive optical networks with symmetric two-way traffic. , 2009, , .		1
94	An optical FSK transmitter based on phase modulator embedded optical loop mirror and optical carrier suppression. , 2009, , .		1
95	A WDM Passive Optical Network With Polarization-Assisted Multicast Overlay Control. IEEE Photonics Technology Letters, 2009, 21, 1133-1135.	1.3	8
96	A polarization-assisted multicast overlay scheme for WDM-PONs. , 2009, , .		0
97	A WDM-PON with 10-Gb/s Symmetric Bit-Rates and Multicast Overlay with Delay-based Multicast Control. , 2009, , .		2
98	Efficient path protection in bi-directional WDM systems. Computer Networks, 2008, 52, 1166-1178.	3.2	1
99	A WDM Passive Optical Network With Centralized Light Sources and Multicast Overlay. IEEE Photonics Technology Letters, 2008, 20, 114-116.	1.3	46
100	A Multicast WDM-PON Architecture Using DPSK/NRZ Orthogonal Modulation. IEEE Photonics Technology Letters, 2008, 20, 1479-1481.	1.3	52
101	A selective-broadcast overlay scheme for WDM-PON using NRZ/DPSK orthogonal modulation technique. , 2008, , .		1
102	Optimal Location Analysis of Two Interconnections for the Consolidation of Two Networks. , 2008, , .		1
103	A single-fiber bi-directional WDM self-healing ring network with bi-directional OADM for metro-access applications. IEEE Journal on Selected Areas in Communications, 2007, 25, 18-24.	9.7	37
104	Maximum Likelihood Sequence Estimation for Chromatic Dispersion and Polarization Mode Dispersion Compensation in 3-Chip DPSK Modulation Format. , 2007, , .		3
105	A Novel Re-modulation Scheme to Achieve Colorless High-Speed WDM-PON with Enhanced Tolerance to Chromatic Dispersion and Re-modulation Misalignment. , 2007, , .		13
106	Enhanced Tolerance to Demultiplexing Misalignment in an OTDM System with Hybrid RZ-ASK/DPSK Formats. , 2007, , .		2
107	A Reconfigurable All-Optical AND/OR Logic Gate using Multilevel Modulation and Self-Phase Modulation. , 2007, , .		2
108	Upstream OOK remodulation scheme using injection-locked FP laser with downstream inverse-RZ data in WDM passive optical network. , 2007, , .		2

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109	Robust optical signal-to-noise ratio monitoring scheme using a phase-modulator-embedded fiber loop mirror. <i>Optics Letters</i> , 2007, 32, 1752.	1.7	8
110	A Wavelength-Division-Multiplexed Passive Optical Network With Flexible Optical Network Unit Internetworking Capability. <i>Journal of Lightwave Technology</i> , 2007, 25, 1970-1977.	2.7	38
111	Joint Maximum Likelihood Sequence Estimation for Chromatic-Dispersion Compensation in ASK-DPSK Modulation Format. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 73-75.	1.3	4
112	A Hybrid OTDM Scheme With Enhanced Demultiplexing Performance. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 1454-1456.	1.3	5
113	A centralized-light-source WDM access network utilizing inverse-RZ downstream signal with upstream data remodulation. <i>Optical Fiber Technology</i> , 2007, 13, 18-21.	1.4	23
114	Chromatic dispersion monitoring technique using birefringent fiber loop. , 2006, , .		4
115	High-Speed Data and Pulse-Carver Alignment in RZ-OOK Systems Using Delay Tap Asynchronous Waveform Sampling. , 2006, , .		6
116	40-Gbit/s SOA-based all-optical IRZ generation assisted by DI for orthogonal modulation in OTDM systems. , 2006, , .		0
117	Demonstration of a single-fiber self-healing CWDM metro access ring network with unidirectional OADM. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 163-165.	1.3	20
118	A survivable WDM-PON architecture with centralized alternate-path protection switching for traffic restoration. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 631-633.	1.3	44
119	Simple PMD-insensitive OSNR monitoring scheme assisted by transmitter-side polarization scrambling. <i>Optics Express</i> , 2006, 14, 58.	1.7	10
120	Novel techniques for optical performance monitoring in optical systems. , 2006, 6354, 216.		0
121	Maximum Likelihood Sequence Estimation in the Presence of Timing Misalignment and Polarization Mode Dispersion in Optically Amplified Return-to-Zero Systems. , 2006, , .		1
122	An all-optical XOR logic gate for high-speed RZ-DPSK signals by FWM in semiconductor optical amplifier. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2006, 12, 702-707.	1.9	90
123	Electronic Equalization for Unsynchronized Modulation and Chromatic Dispersion Compensation in Supercontinuum-Based WDM-PON. , 2006, , .		2
124	A novel internetworking scheme for WDM passive optical network based on remodulation technique. , 2006, , .		2
125	Optical Time Division Multiplexing of RZ-ASK and RZ-DPSK Signals and Their Detection without Optical Demultiplexing. , 2006, , .		1
126	Experimental demonstration of a novel all-optical multilevel 4-amplitude-shifted-keying coding/decoding scheme. , 2006, , .		8

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127	Demonstration of an optical frequency-hopping scheme for secure communications. , 2006, , .		1
128	A Novel Phase-modulated Label Pattern Recognition Scheme Based on Parallel Bit Comparison Using Cross-phase Modulation. , 2006, , .		0
129	Novel NRZ-to-RZ format conversion with tunable pulsewidth using phase modulator and interleaver. , 2006, , .		2
130	Polarization-independent OTDM demultiplexer based on NOLM with a polarization diversity loop. , 2006, , .		2
131	A simple high-speed WDM PON utilizing a centralized supercontinuum broadband light source for colorless ONUs. , 2006, , .		6
132	A survivable WDM PON with alternate-path switching. , 2006, , .		0
133	Polarization-Insensitive Widely Tunable Wavelength Conversion Based on Four-Wave Mixing Using Dispersion-Flattened High-Nonlinearity Photonic Crystal Fiber with Residual Birefringence. , 2006, , .		6
134	A novel robust OSNR monitoring technique with 40-dB dynamic range using phase modulator embedded fiber loop mirror. , 2006, , .		4
135	Analytical investigation of optimization, performance bound, and chromatic dispersion tolerance of 4-amplitude-shifted-keying format. , 2006, , .		1
136	A novel optical frequency-shift-keying transmitter using phase modulator-embedded optical loop mirror. , 2006, , .		0
137	A novel technique for modulation alignment monitoring in RZ-DPSK systems using off-center optical filtering. , 2005, , .		2
138	A novel optical frequency shift keying transmitter based on polarization modulation. , 2005, , .		0
139	A novel star-ring protection architecture scheme for WDM passive optical access networks. , 2005, , .		16
140	A simple AMI-RZ transmitter based on single-arm intensity modulator and optical delay interferometer. Optics Communications, 2005, 255, 35-40.	1.0	6
141	Use of downstream inverse-RZ signal for upstream data re-modulation in a WDM passive optical network. , 2005, , .		11
142	A simple single-fiber CWDM metro/access ring network with unidirectional OADM and automatic protection. , 2005, , .		0
143	Performance sensitivity to system parameters in multiwavelength super-continuum sources. IEEE Journal of Quantum Electronics, 2005, 41, 709-716.	1.0	2
144	Characterization of the performance of optical amplitude-shift keyingâ€“differential phase-shift keying orthogonally modulated signals. Optics Letters, 2005, 30, 818.	1.7	1

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145	A novel technique for pulse-carver and data alignment monitoring in RZ-DPSK systems using off-center optical filtering. IEEE Photonics Technology Letters, 2005, 17, 711-713.	1.3	8
146	A novel centrally controlled protection scheme for traffic restoration in WDM passive optical networks. IEEE Photonics Technology Letters, 2005, 17, 717-719.	1.3	45
147	Mitigation of timing-misalignment-induced distortion using electronic equalizer in RZ/CSRZ systems. IEEE Photonics Technology Letters, 2005, 17, 1106-1108.	1.3	6
148	A novel optical frequency-shift-keying transmitter based on polarization modulation. IEEE Photonics Technology Letters, 2005, 17, 1528-1530.	1.3	18
149	A single-fiber bidirectional self-healing WDM multihop mesh network with all-optical cyclic deflection routing for link restoration. IEEE Photonics Technology Letters, 2005, 17, 2463-2465.	1.3	2
150	Simultaneous PMD and OSNR monitoring by enhanced RF spectral dip analysis assisted with a local large-DGD element. IEEE Photonics Technology Letters, 2005, 17, 2790-2792.	1.3	20
151	Demonstration of a novel optical transmitter for high-speed differential phase-shift-keying/inverse-return-to-zero (DPSK/inv-RZ) orthogonally modulated signals. IEEE Photonics Technology Letters, 2005, 17, 2763-2765.	1.3	15
152	A Novel Optical Packet Labeling Scheme Using Interleaved Low-Speed DPSK Labels. IEEE Photonics Technology Letters, 2004, 16, 698-700.	1.3	7
153	Demonstration of 20-Gb/s All-Optical XOR Gate by Four-Wave Mixing in Semiconductor Optical Amplifier With RZ-DPSK Modulated Inputs. IEEE Photonics Technology Letters, 2004, 16, 897-899.	1.3	101
154	Robustness of DPSK-WDM Systems Against Nonlinear Polarization Fluctuation. IEEE Photonics Technology Letters, 2004, 16, 927-929.	1.3	3
155	A Novel Wavelength Shift Keying Transmitter Based on Optical Phase Modulation. IEEE Photonics Technology Letters, 2004, 16, 1739-1741.	1.3	8
156	Enhanced PMD Monitoring With Frequency-Resolved SOP Rotation by Self-Phase Modulation. IEEE Photonics Technology Letters, 2004, 16, 2180-2182.	1.3	10
157	PMD-Insensitive OSNR Monitoring Based on Polarization-Nulling With Off-Center Narrow-Band Filtering. IEEE Photonics Technology Letters, 2004, 16, 2562-2564.	1.3	29
158	Analysis of performance optimization in supercontinuum sources. Optics Letters, 2004, 29, 489.	1.7	3
159	Mitigation of pattern-induced degradation in SOA-based all-optical OTDM demultiplexers by using RZ-DPSK modulation format. IEEE Photonics Technology Letters, 2003, 15, 1264-1266.	1.3	16
160	An optical network unit for WDM access networks with downstream DPSK and upstream remodulated OOK data using injection-locked FP laser. IEEE Photonics Technology Letters, 2003, 15, 1476-1478.	1.3	181
161	A self-protected architecture for wavelength-division-multiplexed passive optical networks. IEEE Photonics Technology Letters, 2003, 15, 1660-1662.	1.3	99
162	A bit-serial optical packet label-swapping scheme using DPSK encoded labels. IEEE Photonics Technology Letters, 2003, 15, 1630-1632.	1.3	35

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163	Polarization insensitive waveform restoration and channel crosstalk reduction in semiconductor optical amplifier gates using polarimetric filtering. IEEE Photonics Technology Letters, 2003, 15, 1606-1608.	1.3	2
164	Data remodulation on downstream OFSK signal for upstream transmission in WDM passive optical network. Electronics Letters, 2003, 39, 1741.	0.5	36
165	Optical sampled subcarrier multiplexing scheme for nonlinear distortion reduction in lightwave CATV networks. Electronics Letters, 2002, 38, 1702.	0.5	1
166	Waveform restoration in semiconductor optical amplifier using fiber loop mirror. IEEE Photonics Technology Letters, 2002, 14, 995-997.	1.3	10
167	A fast 100-channel wavelength-tunable transmitter for optical packet switching. IEEE Photonics Technology Letters, 2001, 13, 729-731.	1.3	55
168	Fiber-fault identification for branched access networks using a wavelength-sweeping monitoring source. IEEE Photonics Technology Letters, 1999, 11, 614-616.	1.3	45
169	Demonstration of a fault-tolerant WDM add-drop/branching unit for long-haul optical transmission systems. IEEE Photonics Technology Letters, 1999, 11, 1069-1071.	1.3	2
170	Node architecture and protocol of a packet-switched dense WDMA metropolitan area network. Journal of Lightwave Technology, 1999, 17, 2208-2218.	2.7	7
171	Exact analysis of homodyne crosstalk induced penalty in WDM networks. IEEE Photonics Technology Letters, 1998, 10, 457-458.	1.3	92
172	A novel optical-path supervisory scheme for optical cross connects in all-optical transport networks. IEEE Photonics Technology Letters, 1998, 10, 899-901.	1.3	29
173	Novel wavelength-matching scheme for wavelength routers without any reference sources. , 1998, 3420, 58.		0
174	Novel variable bit-rate bandwidth limiter for optical transmission system. , 1998, , .		0
175	Exact analysis of homodyne-cross-talk-induced penalty in optical networks. , 1998, 3420, 72.		5
176	A practical passive surveillance scheme for optically amplified passive branched optical networks. IEEE Photonics Technology Letters, 1997, 9, 526-528.	1.3	32
177	A novel in-service surveillance scheme for optically amplified transmission systems. IEEE Photonics Technology Letters, 1997, 9, 1520-1522.	1.3	8
178	Realization of a time-slot access WDMA dual bus/ring packet network node using centralized light sources. IEEE Photonics Technology Letters, 1997, 9, 1661-1663.	1.3	3
179	A fast channel-tunable optical transmitter for ultrahigh-speed all-optical time-division multiaccess networks. IEEE Journal on Selected Areas in Communications, 1996, 14, 1052-1056.	9.7	13
180	A correction scheme for measurement accuracy improvement in multichannel CATV systems. IEEE Transactions on Broadcasting, 1996, 42, 122-129.	2.5	1

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181	Theoretical analysis of high-repetition rate optical-pulse multiplication using fiber-coupler loop configuration. IEEE Photonics Technology Letters, 1995, 7, 1145-1147.	1.3	6
182	Experimental demonstration of a high-speed all-optical tunable-channel multi-access (TCMA) network. , 0, , .		0
183	Power Penalty of Ultrafast Time-Division Demultiplexer using Cascaded Multi-Quantum Well Electro-a. , 0, , .		0
184	An optical sampled subcarrier multiplexing scheme for nonlinear distortion reduction in lightwave CATV networks. , 0, , .		1
185	Performance of DPSK-WDM systems against nonlinear polarization fluctuation. , 0, , .		0
186	Demonstration of an optical packet label swapping scheme using DPSK encoded bit-serial labels. , 0, , .		1
187	A polarimetric approach for waveform restoration in semiconductor optical amplifiers. , 0, , .		0
188	Performance degradation induced by pulse carver/data modulator misalignment in RZ-DPSK systems. , 0, , .		1